

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\  
 Data File : VX001226.D  
 Acq On : 28 Apr 2018 20:38  
 Operator : JC/MD  
 Sample : J2547-03MSD  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

Manual Integrations  
 APPROVED

apatel  
 5/1/2018 7:45:32 PM

Quant Time: Apr 30 03:17:03 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X042618W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 27 01:51:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 199411   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 266638   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 261884   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 179978   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 132472   | 42.86 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 85.72% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 109393   | 49.57 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.14% |      |
| 50) Toluene-d8            | 8.72   | 98  | 406162   | 48.77 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.54% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 159436   | 49.00 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.00% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 99162   | 47.42  | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 91764   | 41.90  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.40 | 62  | 119570  | 51.46  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 71877   | 50.60  | ug/l | 100    |
| 6) Chloroethane               | 1.72 | 64  | 71335   | 48.77  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 193112  | 51.46  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 69066   | 47.87  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 105714  | 51.13  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 154684  | 68.78  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.09 | 59  | 176486  | 289.53 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 93554   | 46.39  | ug/l | 98     |
| 13) Acrolein                  | 2.30 | 56  | 46542   | 201.97 | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 186587  | 50.72  | ug/l | 99     |
| 15) Acrylonitrile             | 3.16 | 53  | 312840  | 240.33 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 341914  | 268.98 | ug/l | 97     |
| 17) Carbon Disulfide          | 2.57 | 76  | 255813  | 49.72  | ug/l | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 162648  | 51.13  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 359313  | 48.40  | ug/l | 99     |
| 20) Methylene Chloride        | 2.86 | 84  | 110619  | 46.73  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 102164  | 45.83  | ug/l | 99     |
| 22) Diisopropyl ether         | 3.88 | 45  | 340296  | 46.23  | ug/l | 95     |
| 23) Vinyl Acetate             | 3.83 | 43  | 1435568 | 229.91 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 185905  | 48.06  | ug/l | 99     |
| 25) 2-Butanone                | 4.72 | 43  | 452918  | 238.13 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 126369  | 41.50  | ug/l | 96     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 123502  | 50.60  | ug/l | 98     |
| 28) Bromochloromethane        | 5.03 | 49  | 90608   | 52.24  | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.18 | 42  | 283237  | 231.61 | ug/l | 99     |
| 30) Chloroform                | 5.22 | 83  | 202022  | 49.11  | ug/l | 100    |
| 31) Cyclohexane               | 5.58 | 56  | 159011  | 48.38  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 176336  | 49.66  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 144982  | 49.34  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.87 | 43  | 167167  | 47.51  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 159814  | 53.04  | ug/l | 97     |

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 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

Manual Integrations  
 APPROVED

apatel  
 5/1/2018 7:45:32 PM

Quant Time: Apr 30 03:17:03 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X042618W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 27 01:51:42 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.47  | 83   | 163478   | 50.27   | ug/l   | 96       |
| 40) Benzene                    | 6.15  | 78   | 441351   | 51.92   | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.07  | 41   | 90395    | 45.72   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 172548   | 50.38   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.48  | 43   | 273429   | 49.48   | ug/l   | 100      |
| 44) Trichloroethene            | 7.22  | 130  | 129605   | 51.18   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 112497   | 50.32   | ug/l   | 100      |
| 46) Dibromomethane             | 7.67  | 93   | 80068    | 51.72   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.91  | 83   | 149437   | 53.13   | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.79  | 41   | 123856   | 42.17   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 62734    | 1066.75 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 950688   | 261.90  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 285228   | 51.32   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 169852   | 51.94   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 160339   | 45.48   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.23  | 97   | 119535   | 50.83   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 148403   | 42.59   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 193478   | 50.86   | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.51  | 43   | 746288   | 262.39  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 131348   | 47.96   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 127981   | 51.95   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 132160   | 47.28   | ug/l   | 99       |
| 65) Chlorobenzene              | 10.15 | 112  | 674109   | 98.25   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 126732   | 53.39   | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.26 | 91   | 555807   | 49.86   | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.37 | 106  | 421247   | 95.58   | ug/l   | 100      |
| 69) o-Xylene                   | 10.71 | 106  | 210605   | 49.27   | ug/l   | 99       |
| 70) Stvrene                    | 10.72 | 104  | 133340   | 18.74   | ug/l # | 83       |
| 71) Bromoform                  | 10.87 | 173  | 108722   | 44.18   | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 575233   | 49.04   | ug/l   | 100      |
| 74) N-amyl acetate             | 6.48  | 43   | 273429   | 46.26   | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 190438   | 48.93   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 178161m  | 48.61   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 172108   | 49.48   | ug/l   | 99       |
| 78) n-propylbenzene            | 11.37 | 91   | 653895   | 49.99   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 399153   | 49.23   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 434759   | 43.77   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 36983    | 33.93   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 469177   | 48.68   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 502652   | 50.71   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 367692   | 36.02   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 578498   | 49.96   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 503592   | 46.76   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 316762   | 50.72   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 328289   | 50.45   | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 461748   | 49.53   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 81701    | 47.21   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 322347   | 51.07   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 43414    | 50.54   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 240732   | 48.65   | ug/l   | 100      |

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Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

Manual Integrations  
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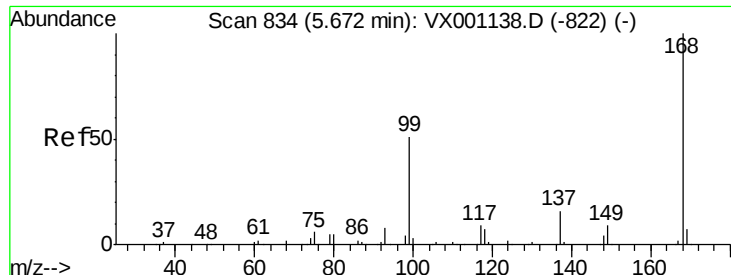
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5/1/2018 7:45:32 PM

Quant Time: Apr 30 03:17:03 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X042618W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 27 01:51:42 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 94) Hexachlorobutadiene    | 13.79 | 225  | 107974   | 46.42 | ug/l  | 100      |
| 95) Naphthalene            | 13.84 | 128  | 672653   | 48.79 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 241033   | 48.95 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion:168 Resp: 199411

Ion Ratio Lower Upper

168 100

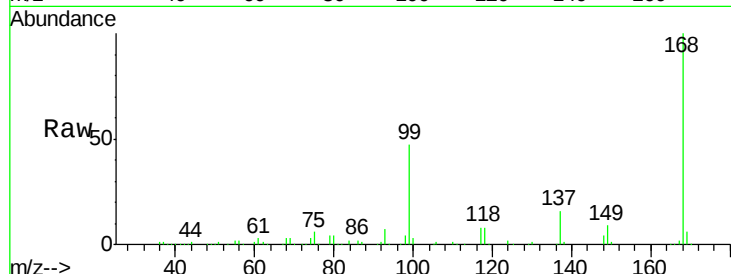
99 47.3 40.6 60.8

Manual Integrations

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5/1/2018 7:45:32 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

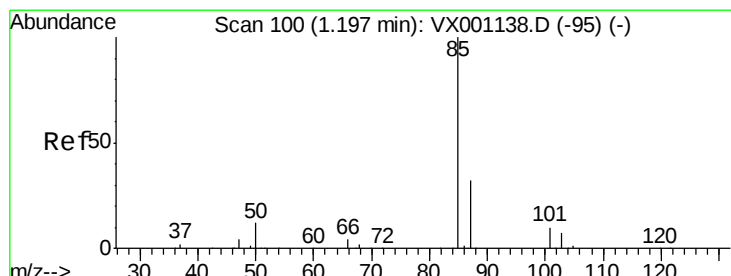
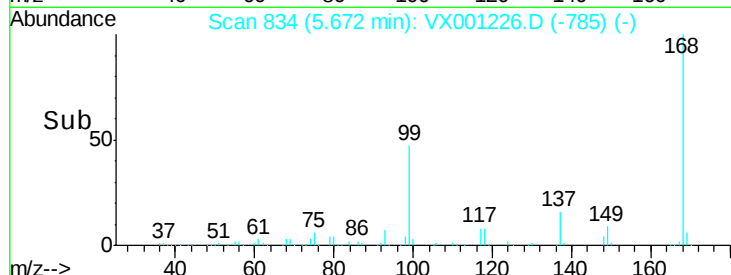
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.42 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001226.D

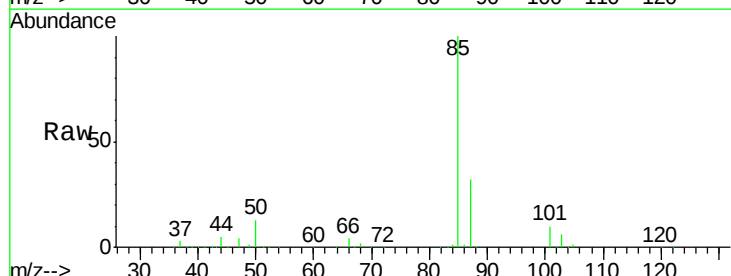
Acq: 28 Apr 2018 20:38

Tgt Ion: 85 Resp: 99162

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

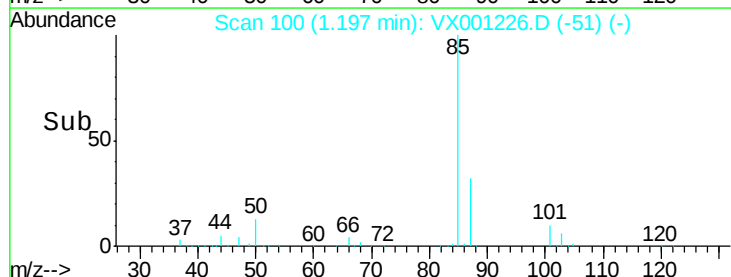
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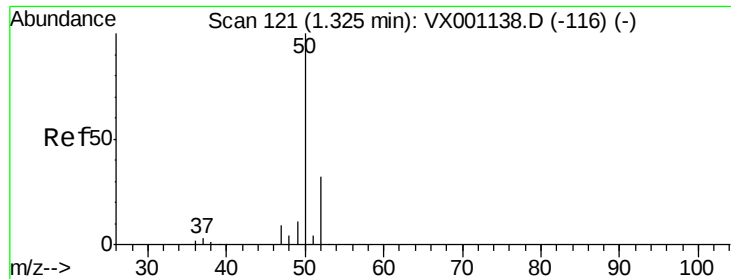
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20000

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Time-->





#3

Chloromethane

Concen: 41.90 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion: 50 Resp: 91764

Ion Ratio Lower Upper

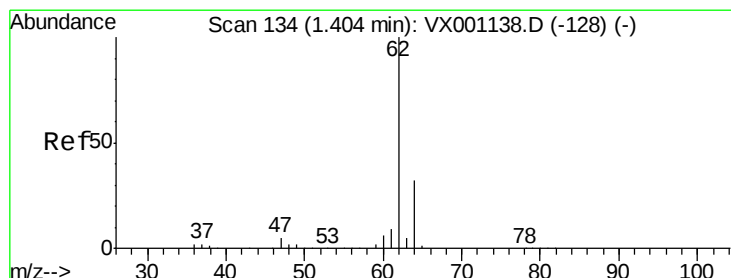
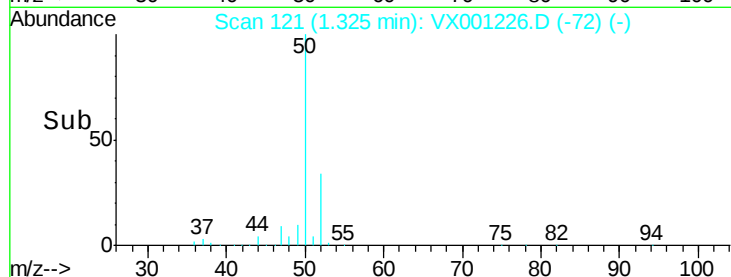
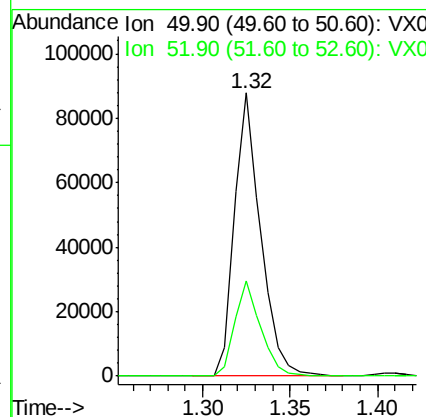
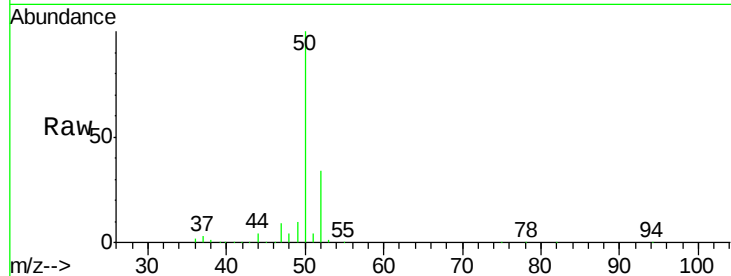
50 100

52 33.5 25.9 38.9

Manual Integrations  
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#4

Vinyl Chloride

Concen: 51.46 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001226.D

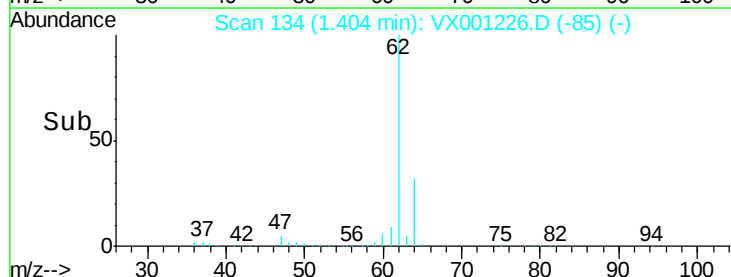
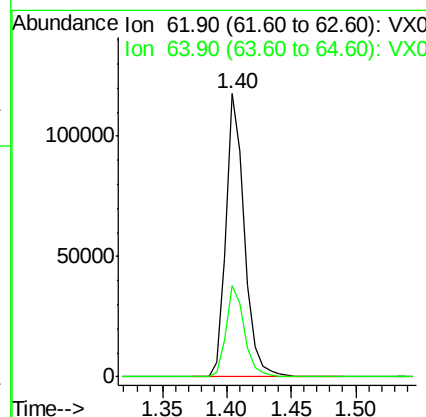
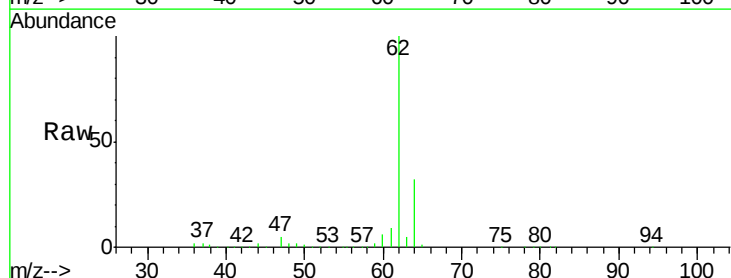
Acq: 28 Apr 2018 20:38

Tgt Ion: 62 Resp: 119570

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 50.60 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion: 94 Resp: 71877

Ion Ratio Lower Upper

94 100

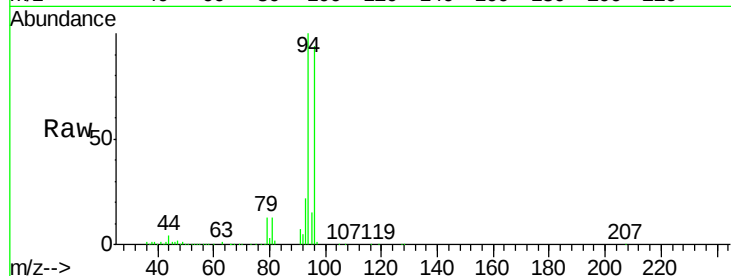
96 94.5 75.3 112.9

Manual Integrations

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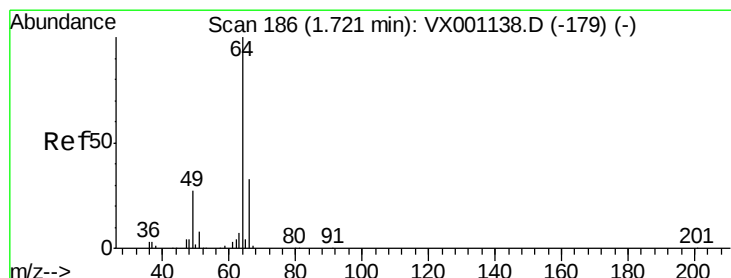
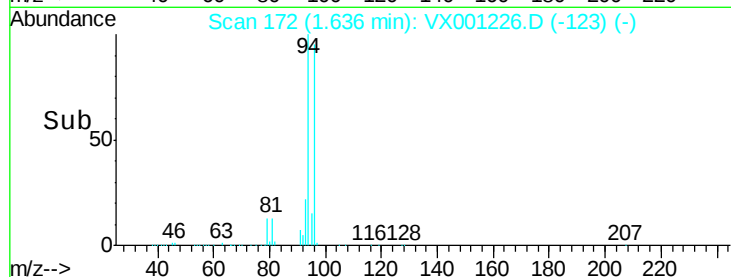
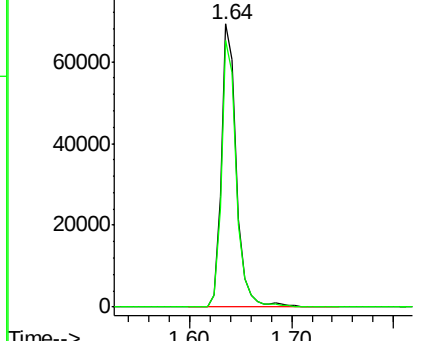
apatel

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.77 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001226.D

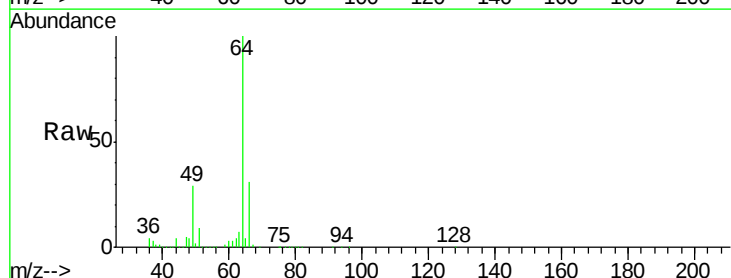
Acq: 28 Apr 2018 20:38

Tgt Ion: 64 Resp: 71335

Ion Ratio Lower Upper

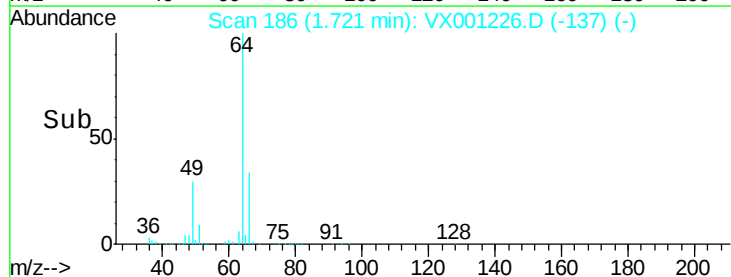
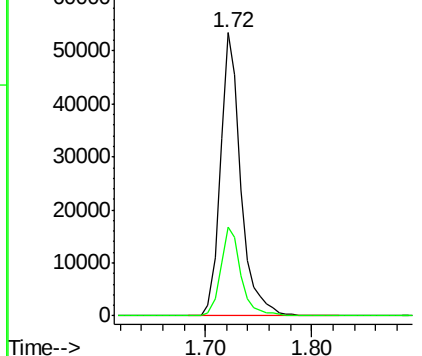
64 100

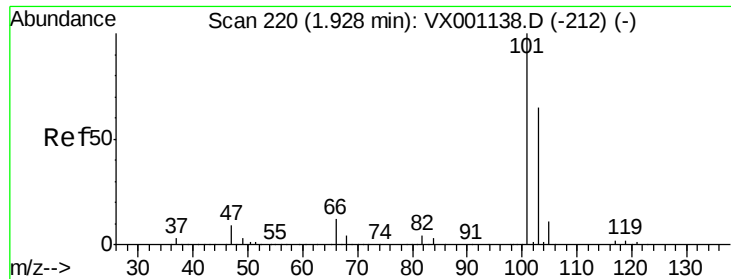
66 31.3 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 51.46 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion:101 Resp: 193112

Ion Ratio Lower Upper

101 100

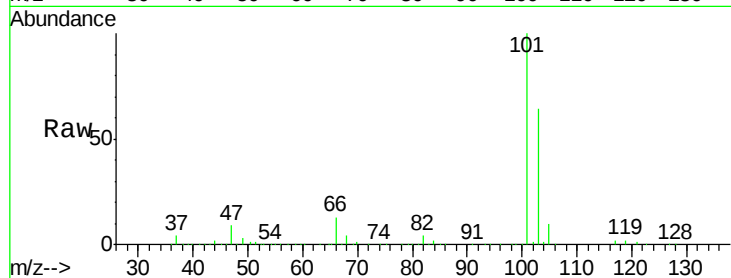
103 64.5 51.9 77.9

Manual Integrations

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

150000

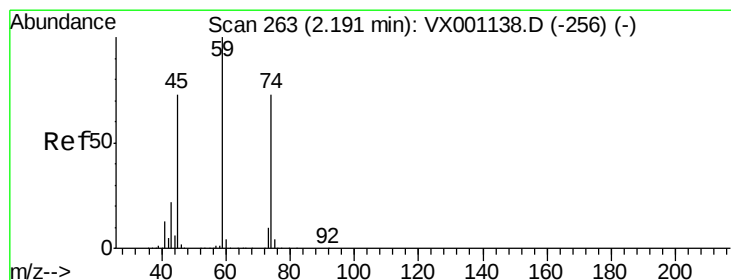
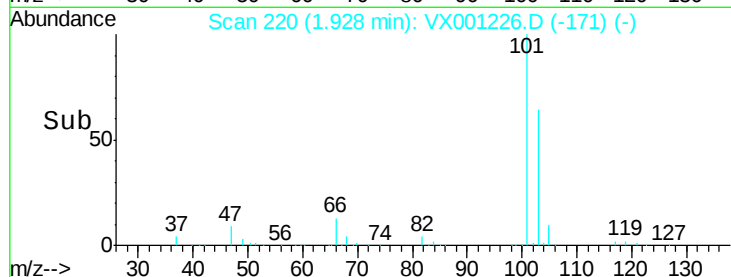
100000

50000

0

Time-->

1.90 2.00 2.10



#8

Diethyl Ether

Concen: 47.87 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001226.D

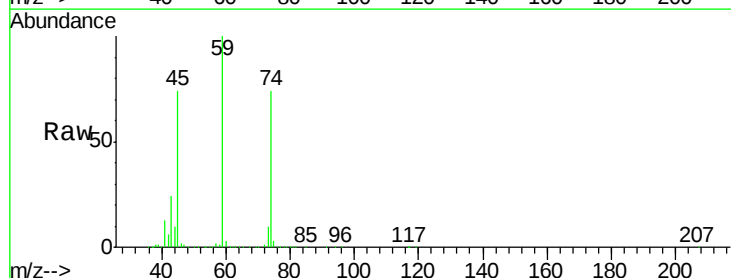
Acq: 28 Apr 2018 20:38

Tgt Ion: 74 Resp: 69066

Ion Ratio Lower Upper

74 100

45 98.0 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

50000

40000

30000

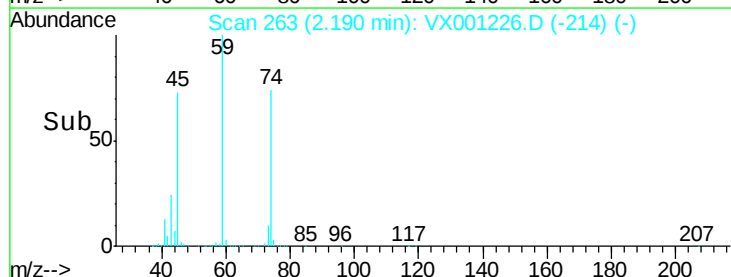
20000

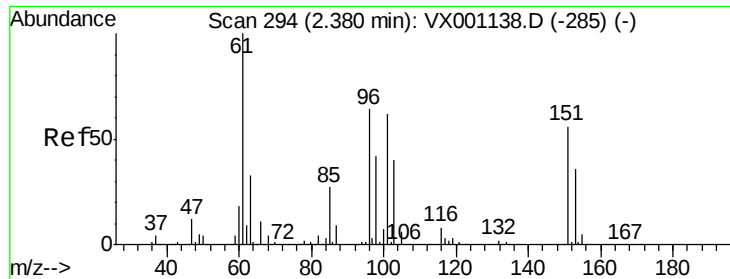
10000

0

Time-->

2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.13 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

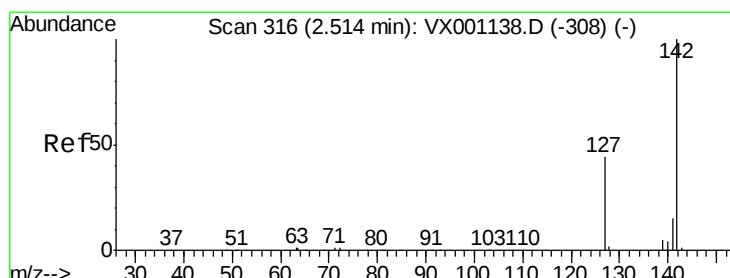
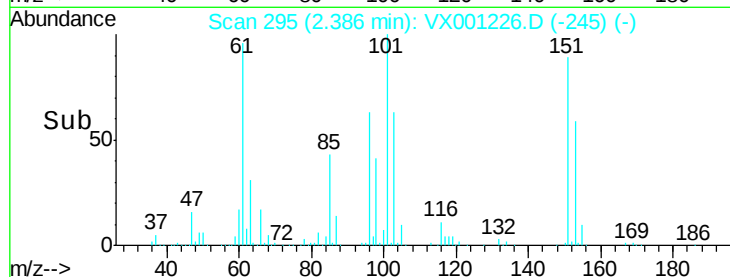
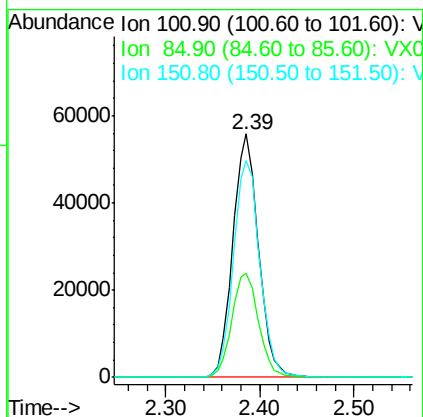
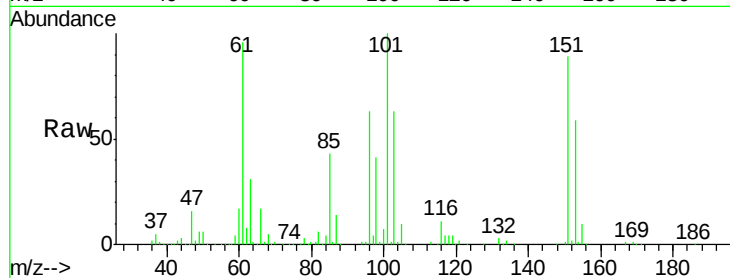
ClientSampleId :

WP022MW102-180423MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 105714 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.7  | 35.4  | 53.0   |
| 151       | 91.5  | 74.2  | 111.4  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 68.78 ug/l

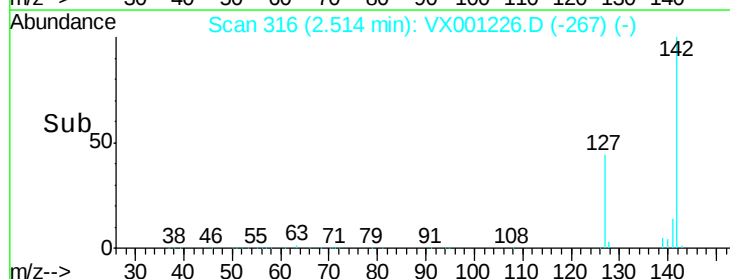
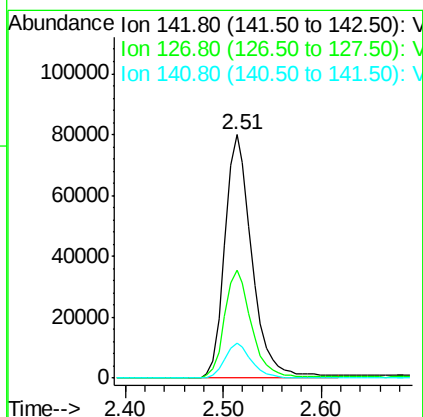
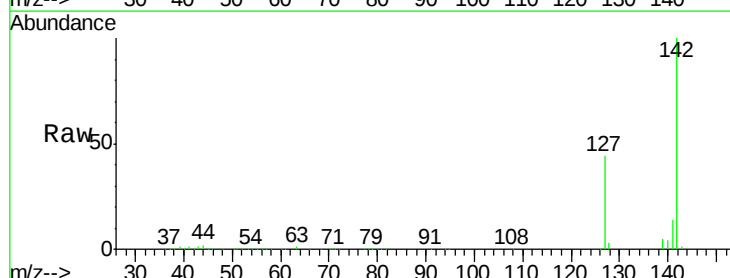
RT: 2.51 min Scan# 316

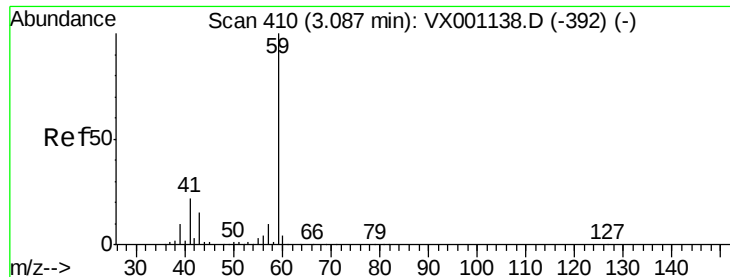
Delta R.T. 0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 154684 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 44.3  | 34.7  | 52.1   |
| 141       | 14.5  | 11.6  | 17.4   |





#11

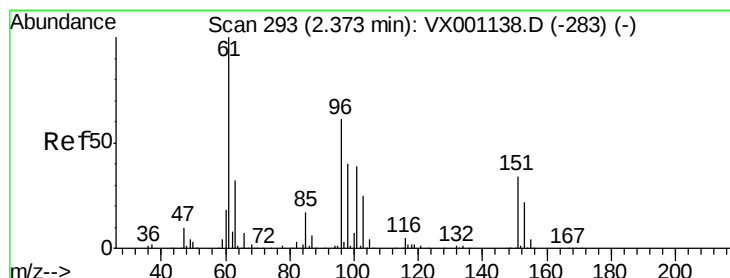
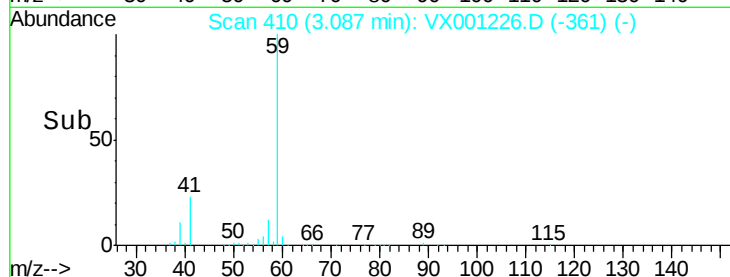
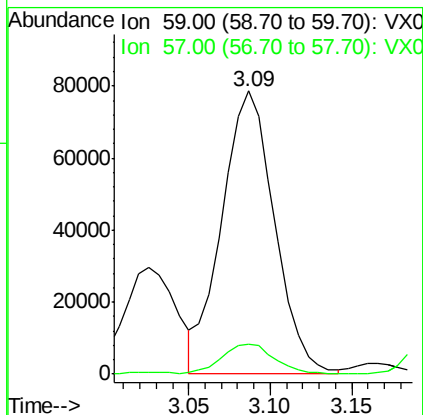
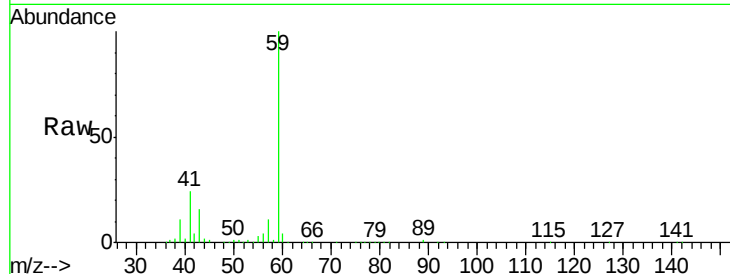
Tert butyl alcohol  
Concen: 289.53 ug/l  
RT: 3.09 min Scan# 410  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.6  | 8.2   | 12.4  |

Manual Integrations  
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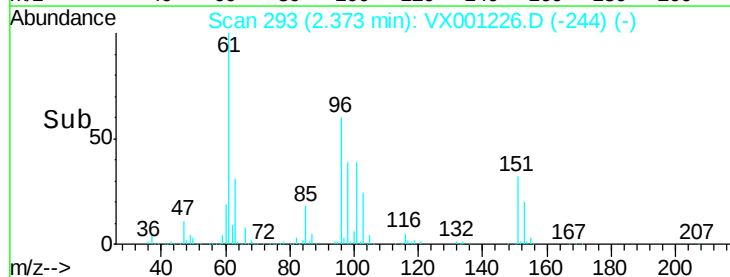
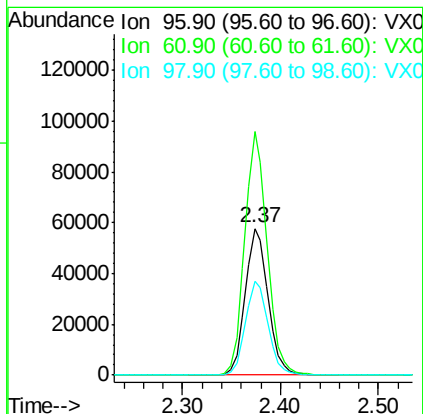
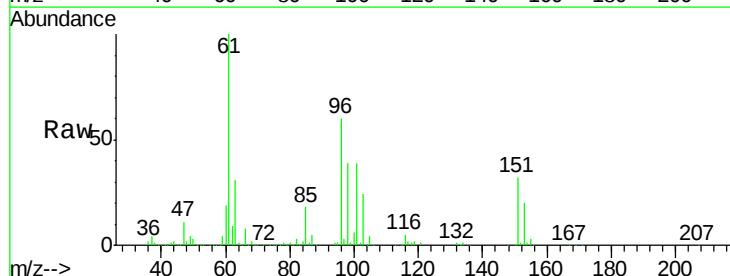
apatel  
5/1/2018 7:45:32 PM

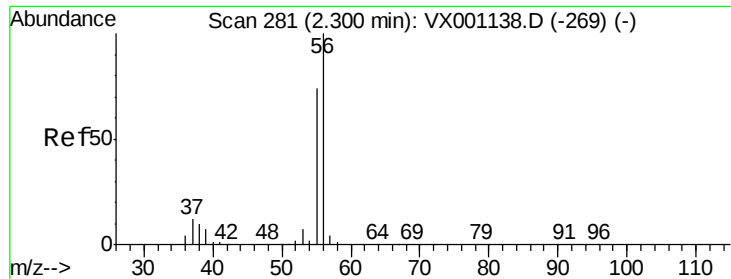


#12

1,1-Dichloroethene  
Concen: 46.39 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 165.9 | 130.2 | 195.4 |
| 98      | 64.0  | 51.5  | 77.3  |





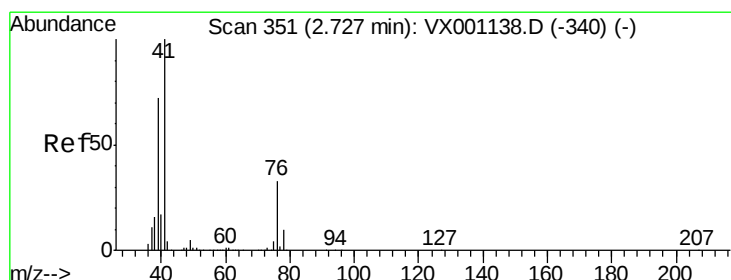
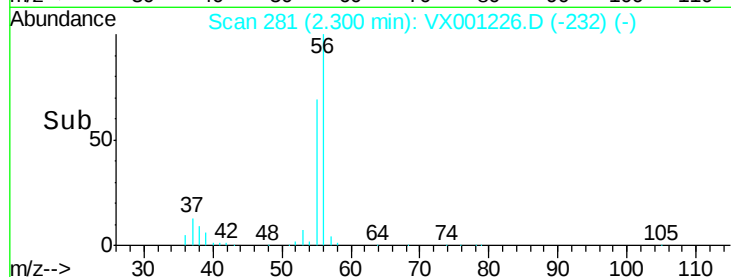
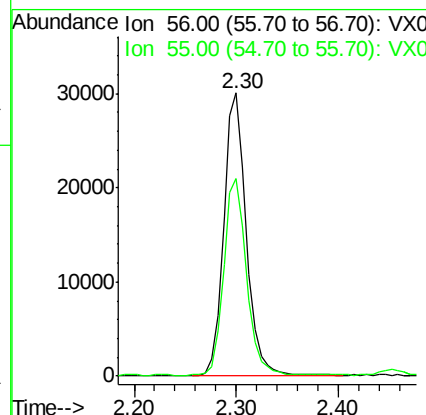
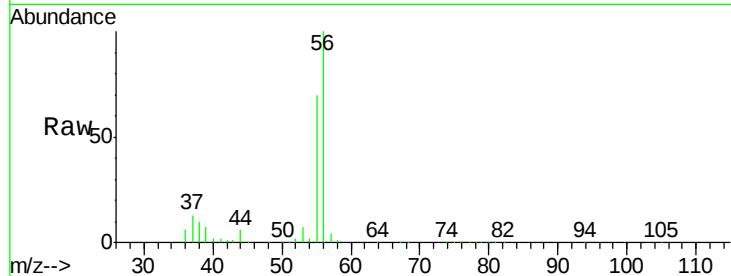
#13  
Acrolein  
Concen: 201.97 ug/l  
RT: 2.30 min Scan# 281  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 55      | 71.5 | 57.2  | 85.8  |       |

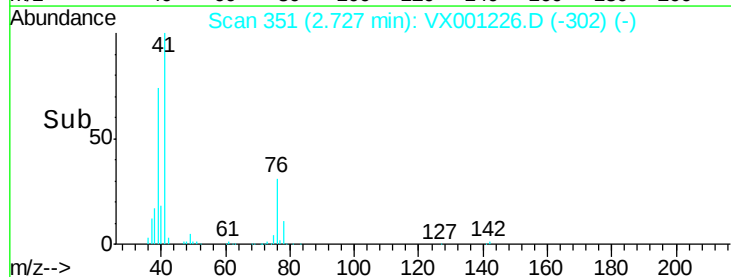
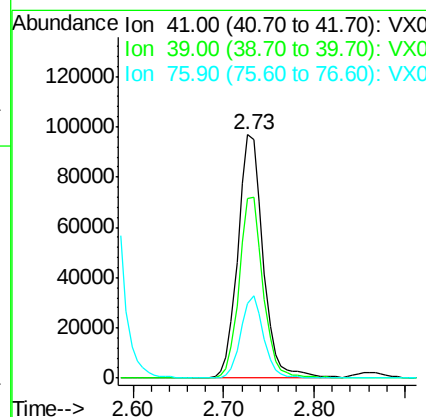
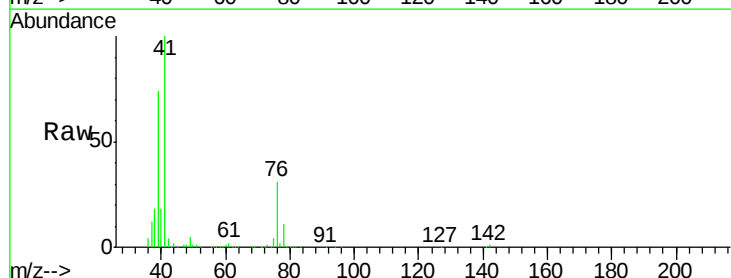
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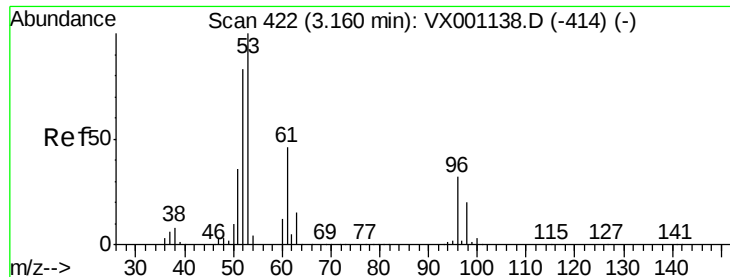
apatel  
5/1/2018 7:45:32 PM



#14  
Allyl chloride  
Concen: 50.72 ug/l  
RT: 2.73 min Scan# 351  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 70.1 | 55.6  | 83.4  |       |
| 76      | 30.7 | 24.8  | 37.2  |       |





#15

Acrylonitrile

Concen: 240.33 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

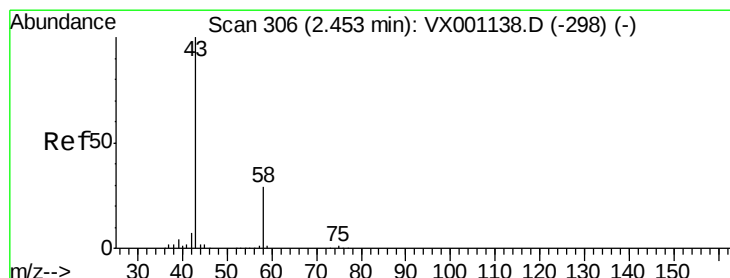
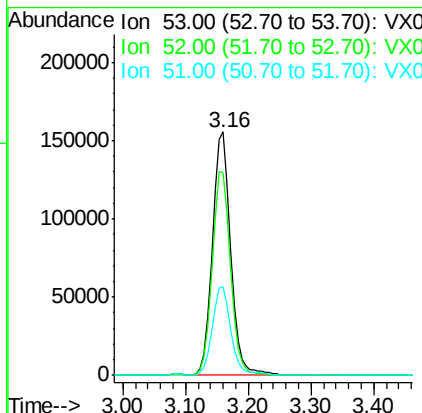
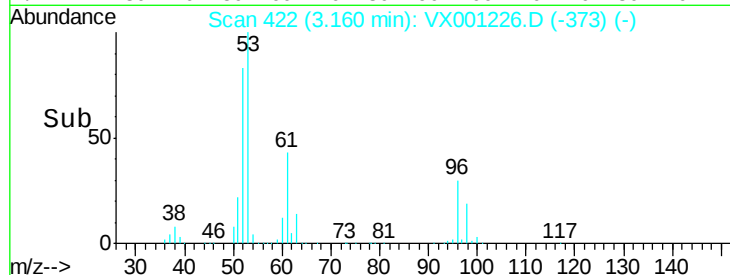
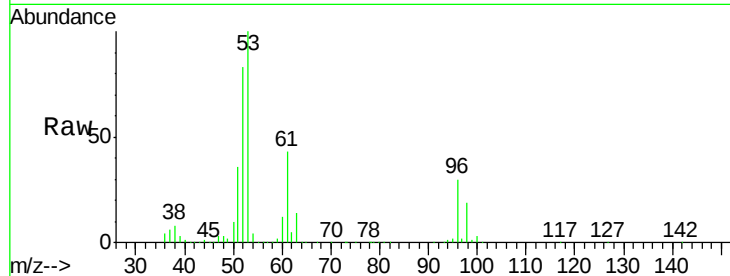
ClientSampleId :

WP022MW102-180423MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 312840 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.8  | 66.5  | 99.7   |
| 51        | 37.1  | 29.5  | 44.3   |

Manual Integrations  
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#16

Acetone

Concen: 268.98 ug/l

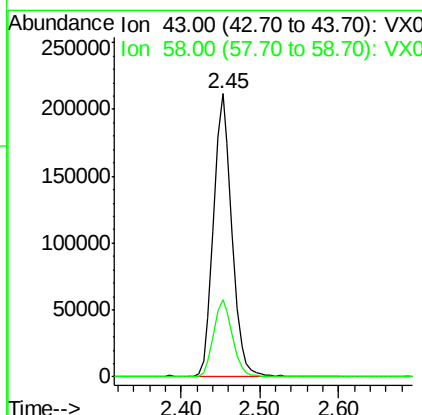
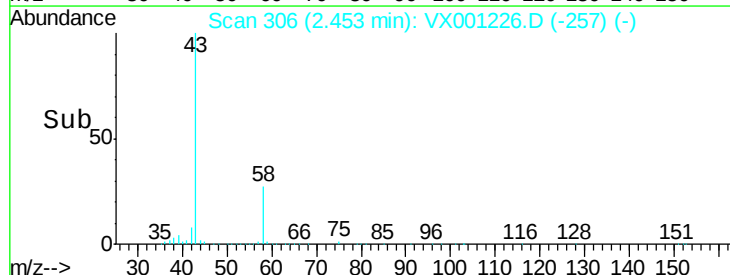
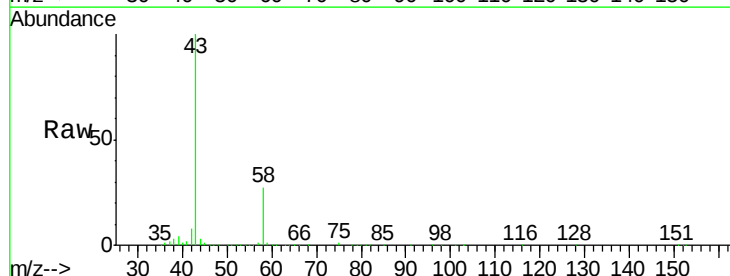
RT: 2.45 min Scan# 306

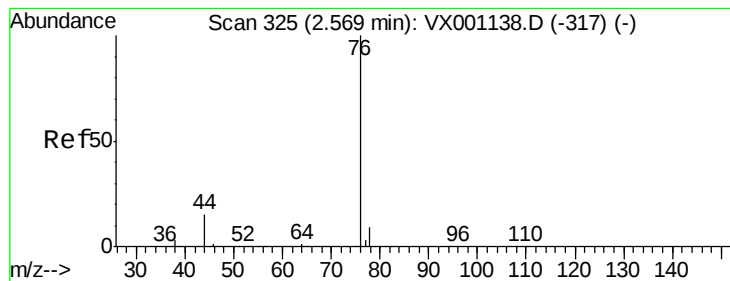
Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 341914 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 27.4  | 23.0  | 34.6   |





#17

Carbon Disulfide

Concen: 49.72 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion: 76 Resp: 255813

Ion Ratio Lower Upper

76 100

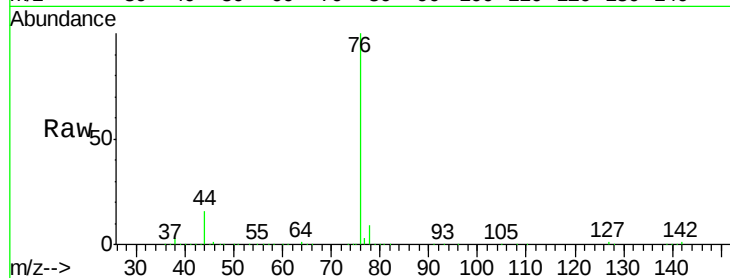
78 9.1 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

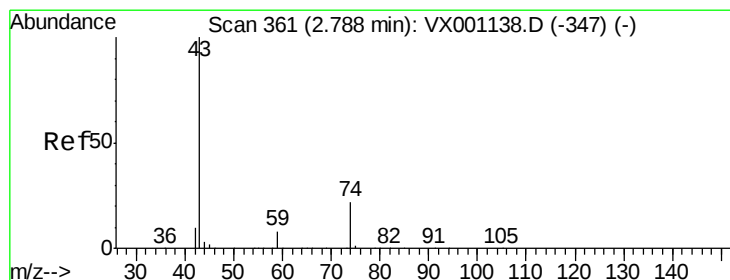
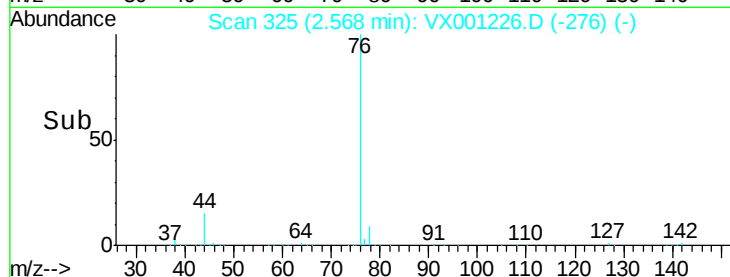
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.13 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX001226.D

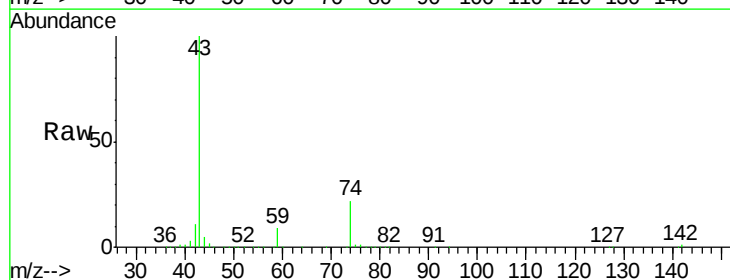
Acq: 28 Apr 2018 20:38

Tgt Ion: 43 Resp: 162648

Ion Ratio Lower Upper

43 100

74 22.2 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

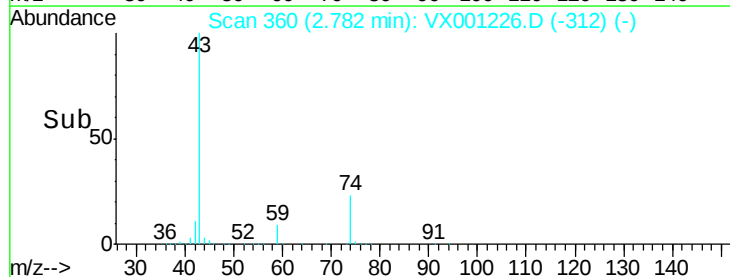
60000

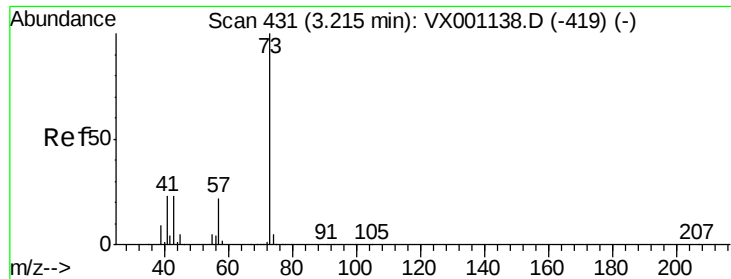
40000

20000

0

Time-->





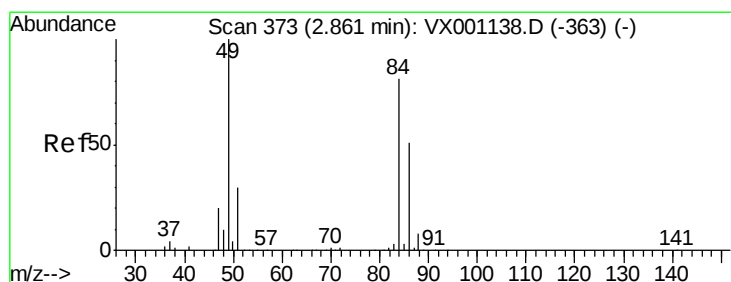
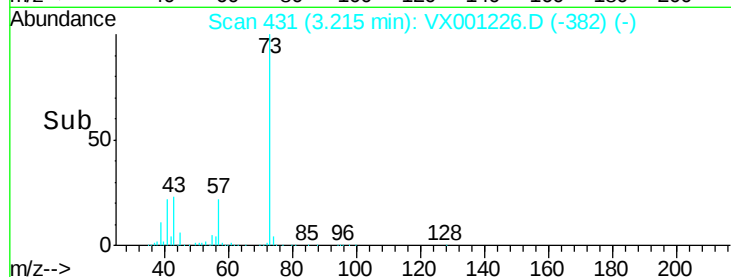
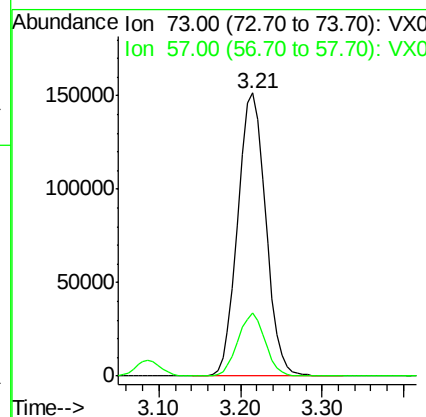
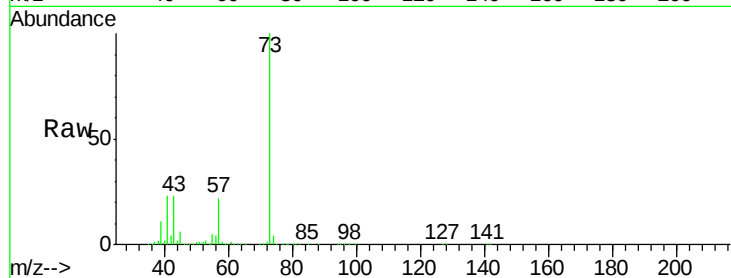
#19  
Methvl tert-butvl Ether  
Concen: 48.40 ug/l  
RT: 3.21 min Scan# 431  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.4  | 17.7  | 26.5  |

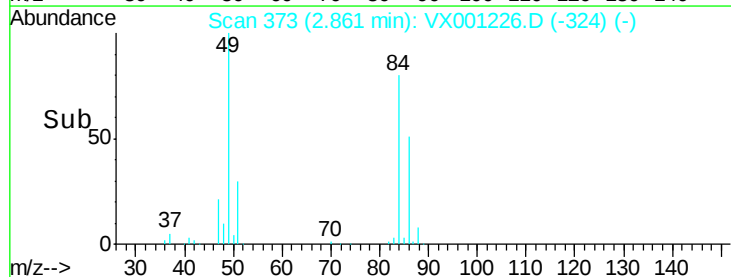
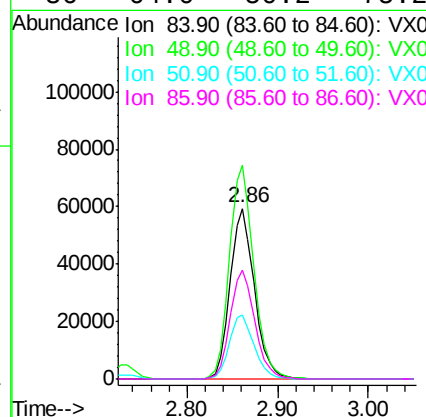
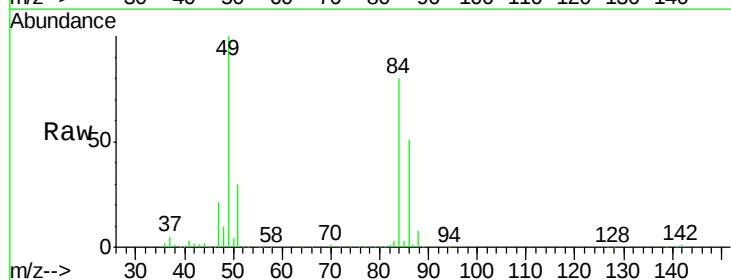
Manual Integrations  
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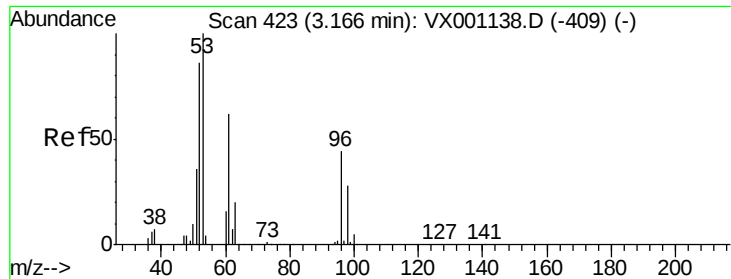
apatel  
5/1/2018 7:45:32 PM



#20  
Methylene Chloride  
Concen: 46.73 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 125.3 | 99.2  | 148.8 |
| 51      | 37.8  | 29.5  | 44.3  |
| 86      | 64.0  | 50.2  | 75.2  |





#21

trans-1,2-Dichloroethene

Concen: 45.83 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

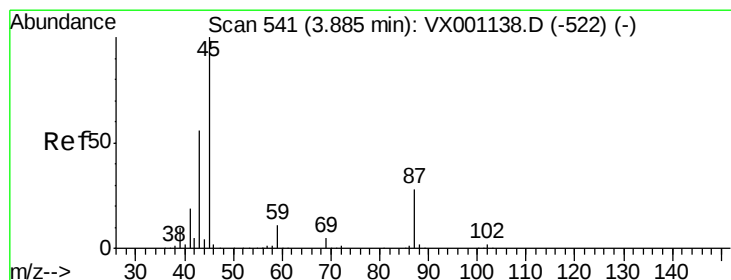
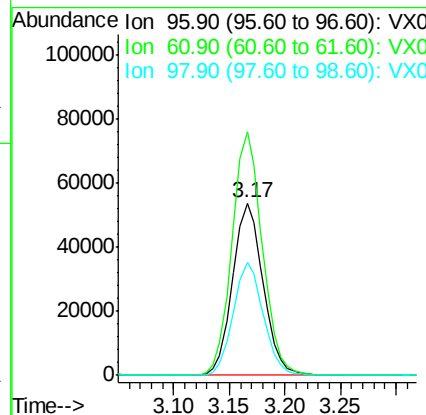
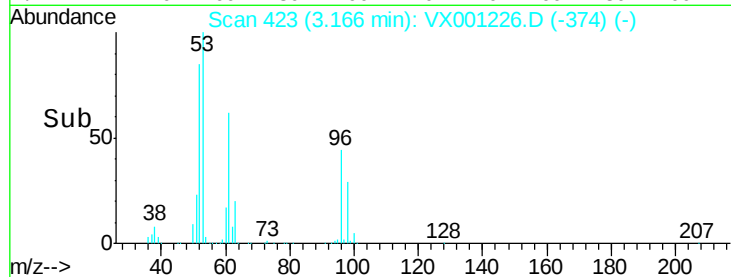
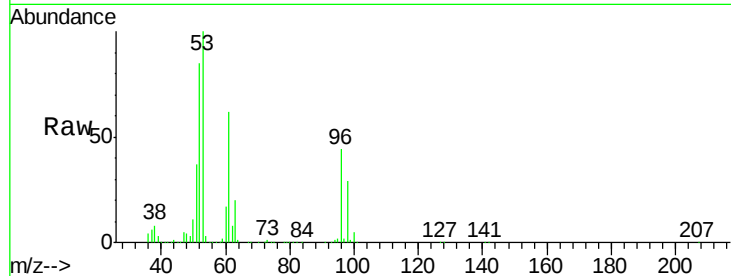
ClientSampleId :

WP022MW102-180423MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 102164 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 141.0 | 111.9 | 167.9  |
| 98       | 65.4  | 51.1  | 76.7   |

Manual Integrations  
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5/1/2018 7:45:32 PM



#22

Diisopropyl ether

Concen: 46.23 ug/l

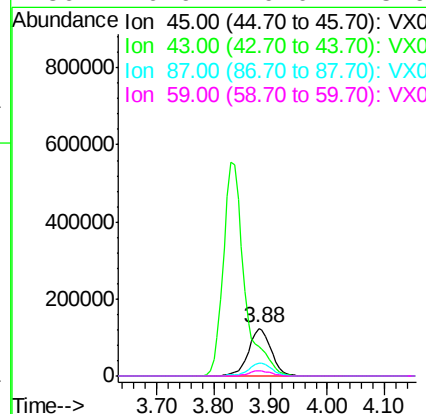
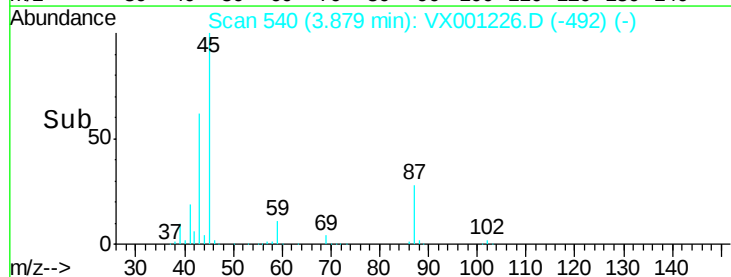
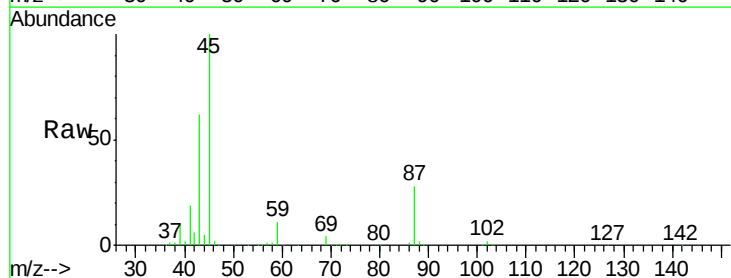
RT: 3.88 min Scan# 540

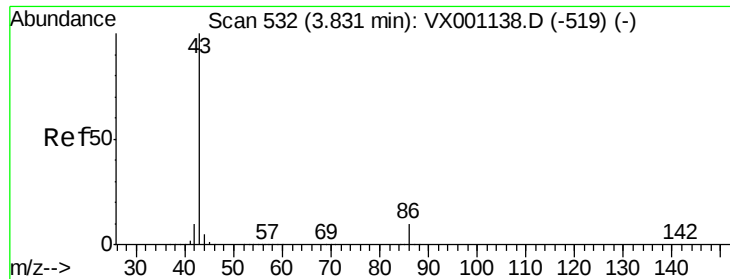
Delta R.T. -0.01 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 340296 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 62.3  | 45.0  | 67.4   |
| 87       | 27.8  | 22.8  | 34.2   |
| 59       | 10.9  | 9.0   | 13.6   |





#23

Vinyl Acetate

Concen: 229.91 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion: 43 Resp: 1435568

Ion Ratio Lower Upper

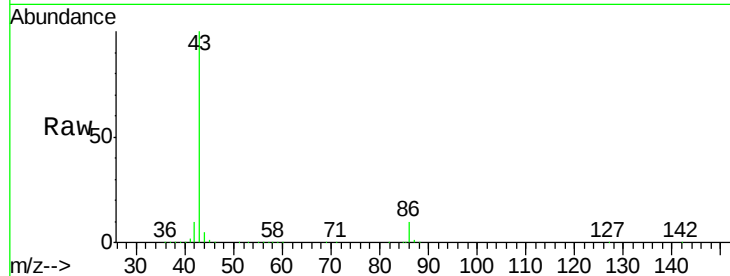
43 100

86 10.0 8.0 12.0

Manual Integrations  
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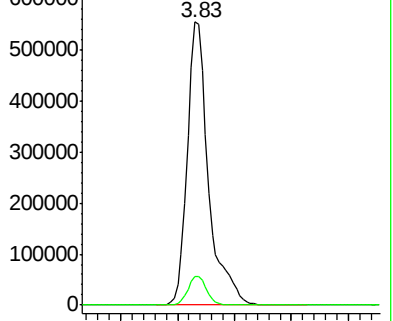
apatel

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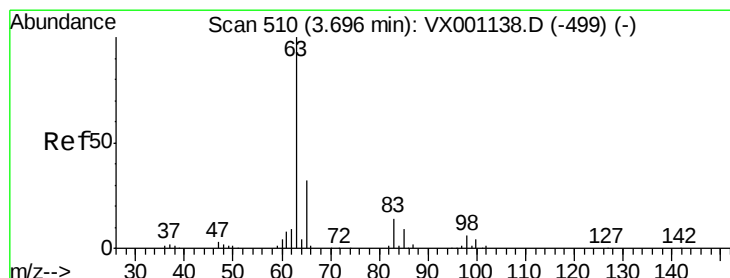
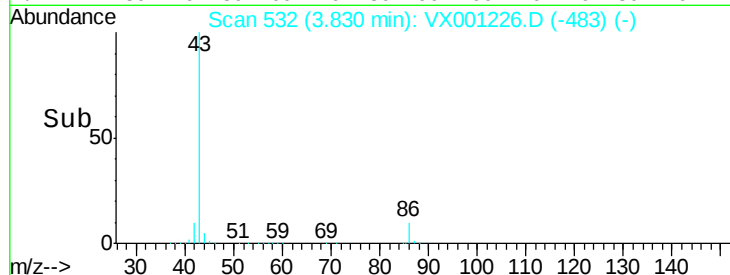


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 48.06 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

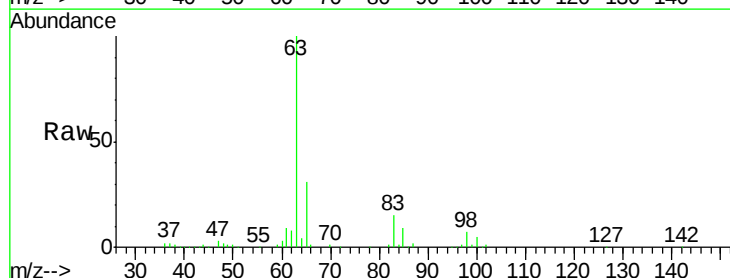
Tgt Ion: 63 Resp: 185905

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

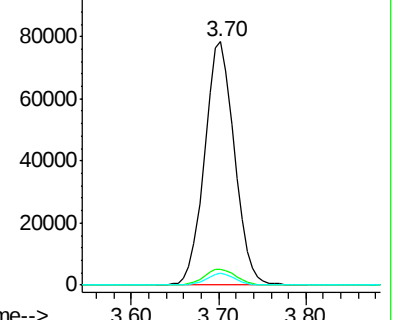
100 4.7 2.1 6.5



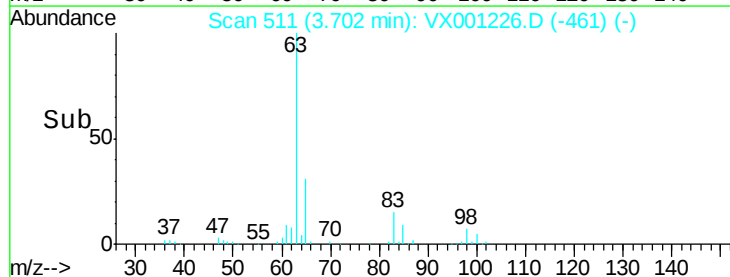
Abundance Ion 62.90 (62.60 to 63.60): VX0

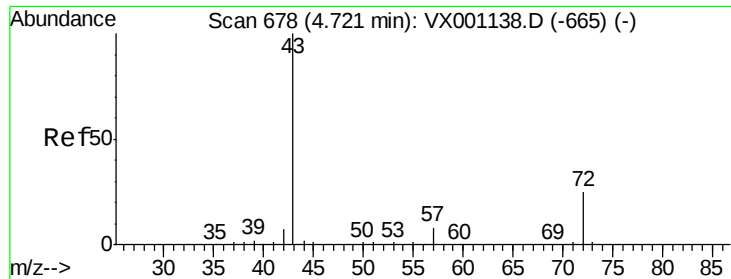
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 238.13 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion: 43 Resp: 452918

Ion Ratio Lower Upper

43 100

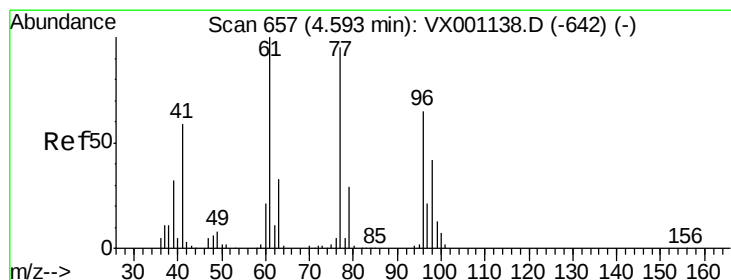
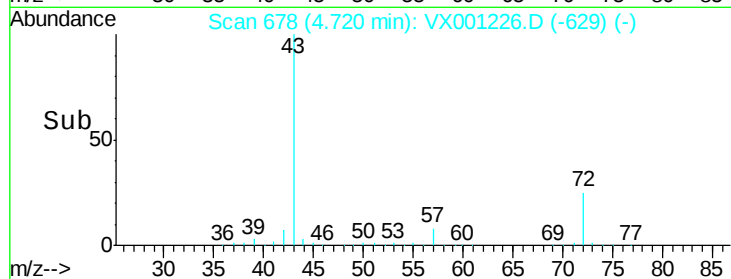
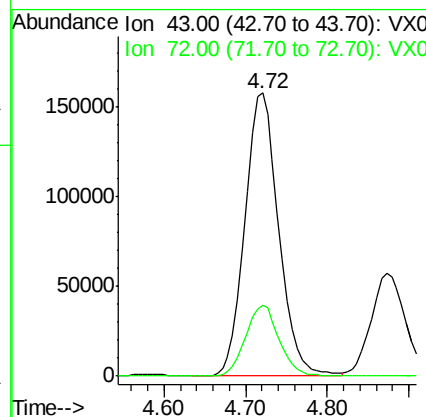
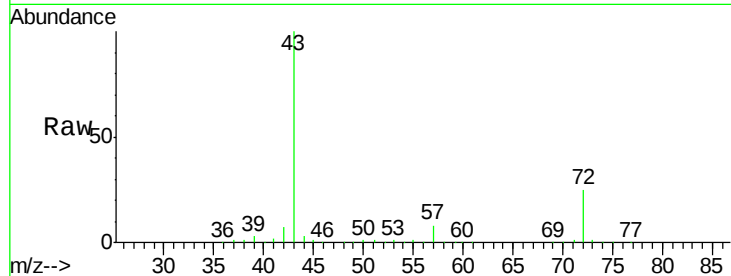
72 24.8 20.0 30.0

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#26

2,2-Dichloropropane

Concen: 41.50 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001226.D

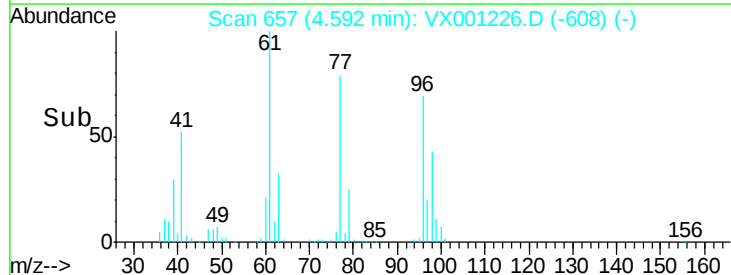
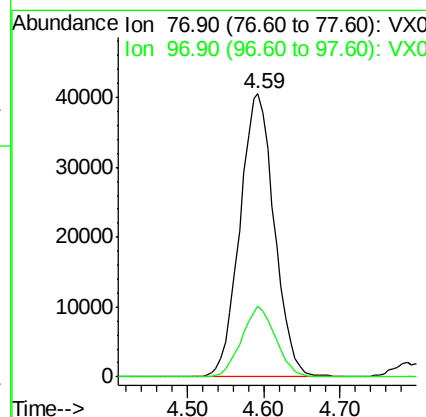
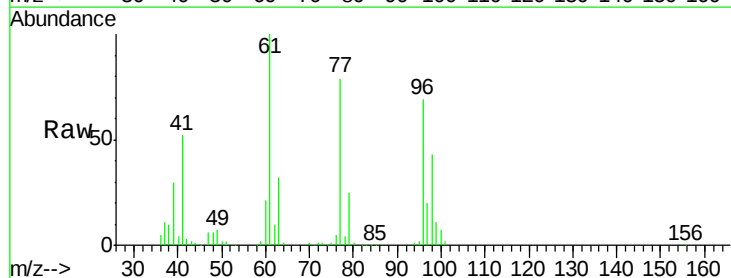
Acq: 28 Apr 2018 20:38

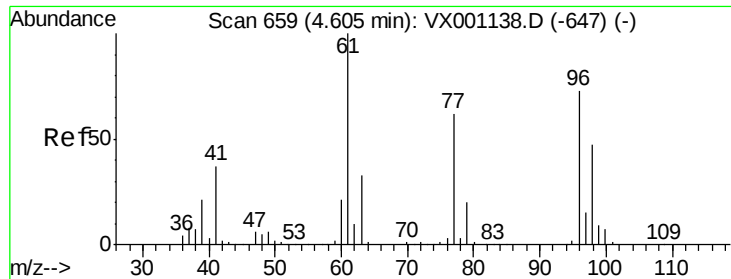
Tgt Ion: 77 Resp: 126369

Ion Ratio Lower Upper

77 100

97 24.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.60 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001226.D

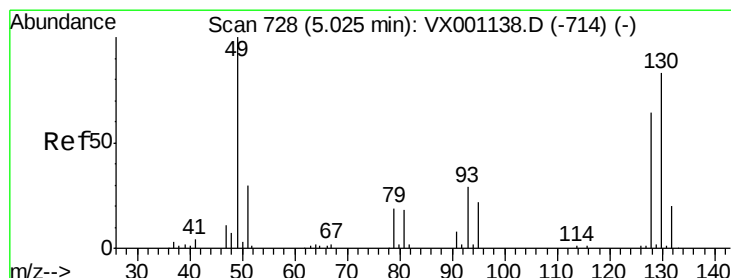
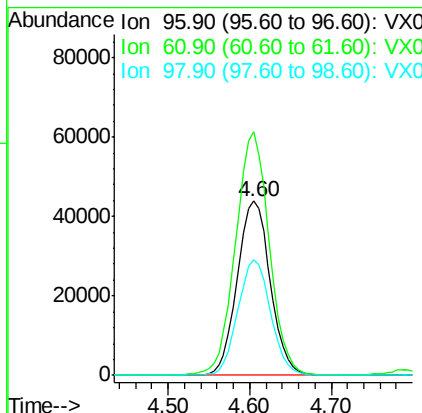
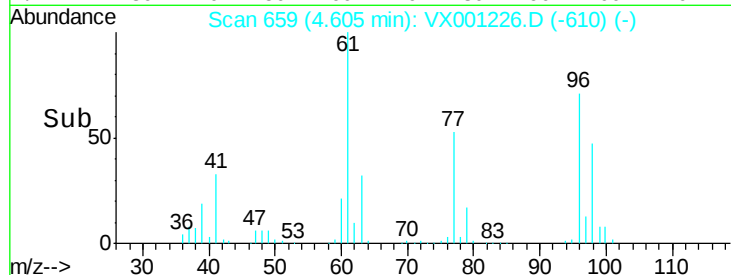
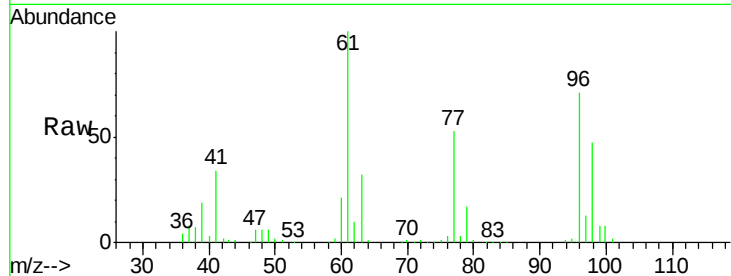
Acq: 28 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 123502 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 142.6 | 0.0   | 289.0  |
| 98        | 65.6  | 0.0   | 128.2  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

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#28

Bromochloromethane

Concen: 52.24 ug/l

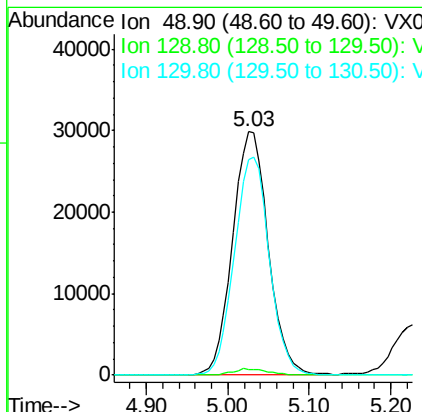
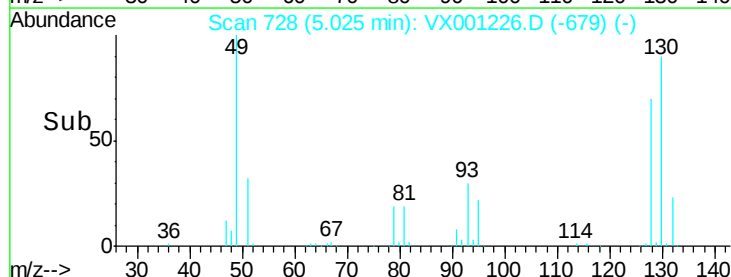
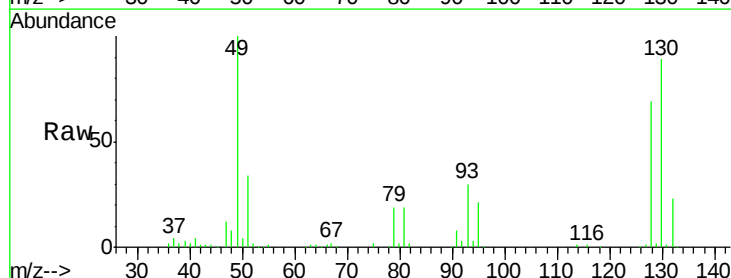
RT: 5.03 min Scan# 728

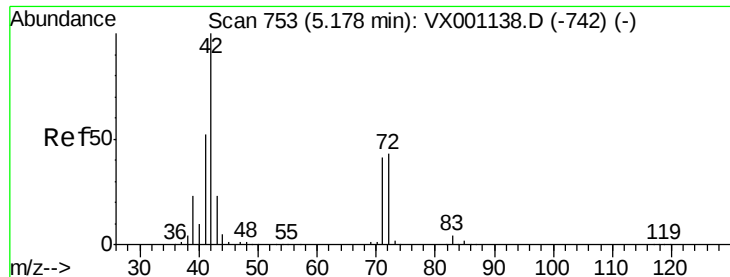
Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 49    | Resp: | 90608 |
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 2.5   | 0.0   | 4.6   |
| 130       | 88.0  | 68.2  | 102.2 |





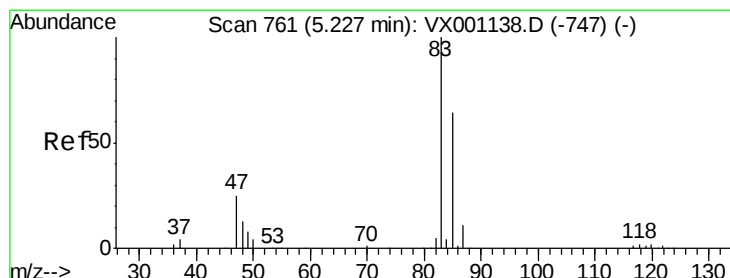
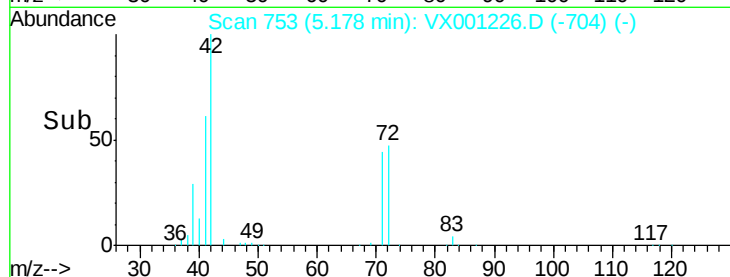
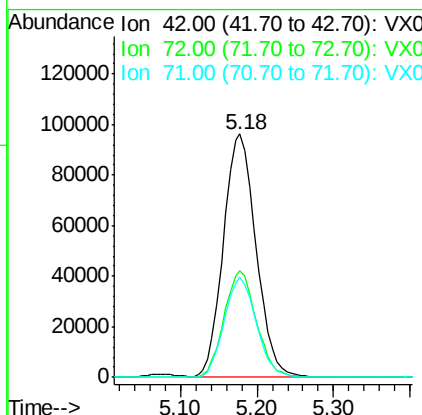
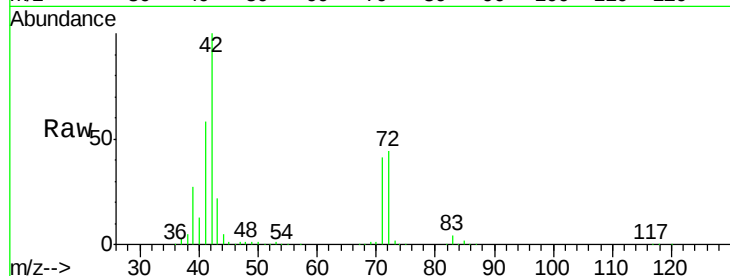
#29  
Tetrahydrofuran  
Concen: 231.61 ug/l  
RT: 5.18 min Scan# 753  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.7  | 34.4  | 51.6  |
| 71      | 40.7  | 32.1  | 48.1  |

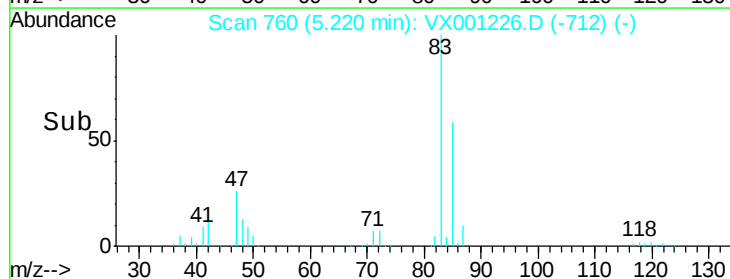
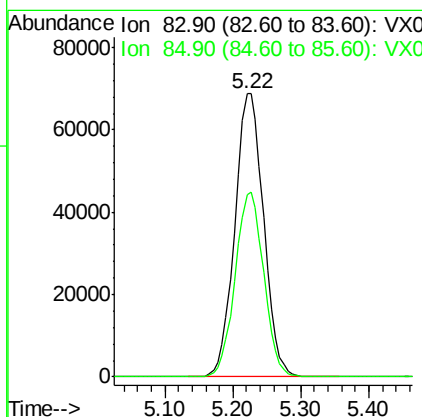
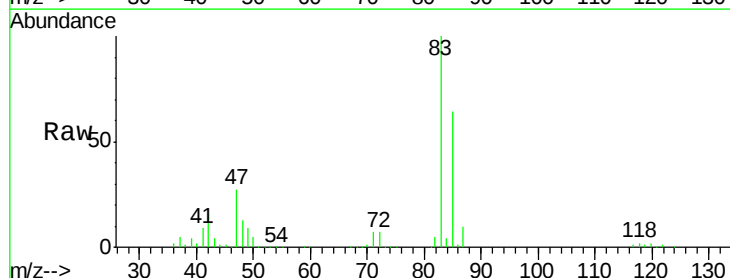
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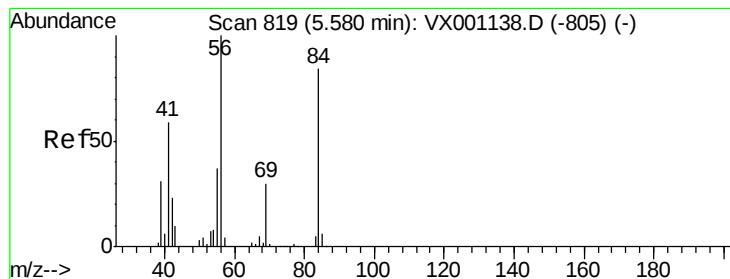
apatel  
5/1/2018 7:45:32 PM



#30  
Chloroform  
Concen: 49.11 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. -0.01 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.3  | 51.4  | 77.0  |





#31

Cyclohexane

Concen: 48.38 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

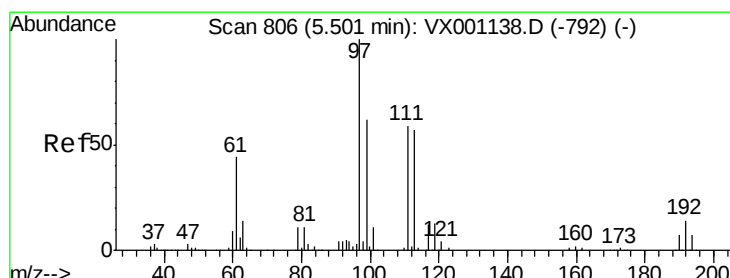
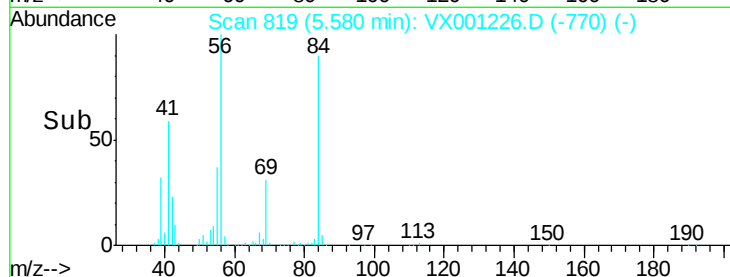
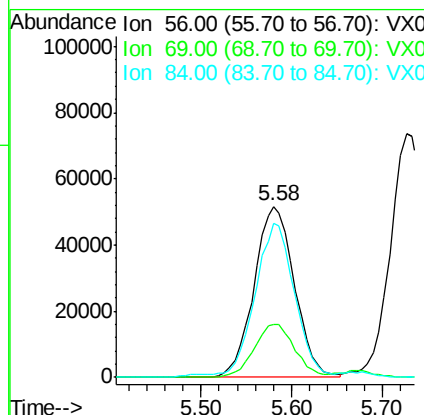
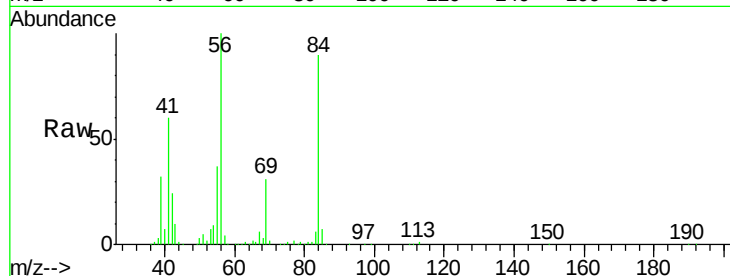
ClientSampleId :

WP022MW102-180423MSD

| Tot Ion | 56    | Resp  | 159011 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 56      | 100   |       |        |
| 69      | 30.9  | 24.2  | 36.2   |
| 84      | 88.4  | 67.5  | 101.3  |

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#32

1,1,1-Trichloroethane

Concen: 49.66 ug/l

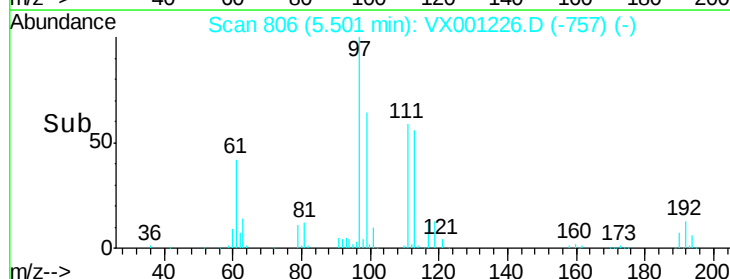
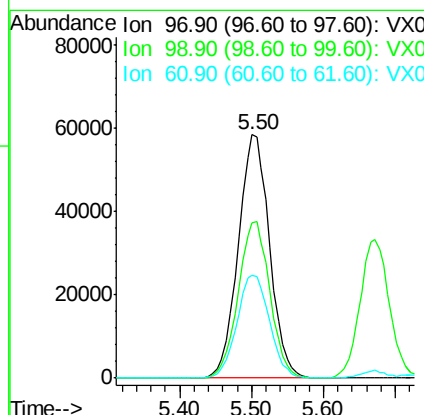
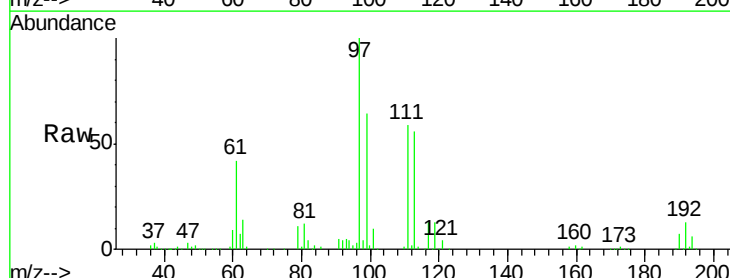
RT: 5.50 min Scan# 806

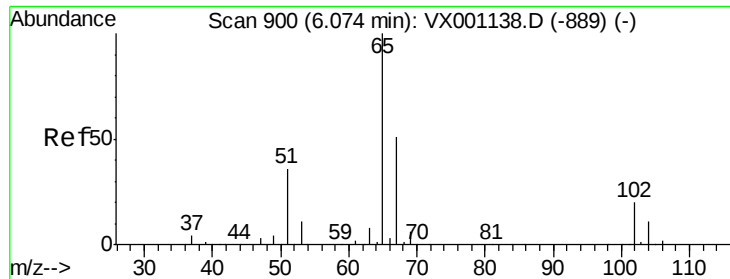
Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

| Tgt Ion | 97    | Resp  | 176336 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 97      | 100   |       |        |
| 99      | 64.8  | 50.9  | 76.3   |
| 61      | 44.2  | 35.0  | 52.6   |





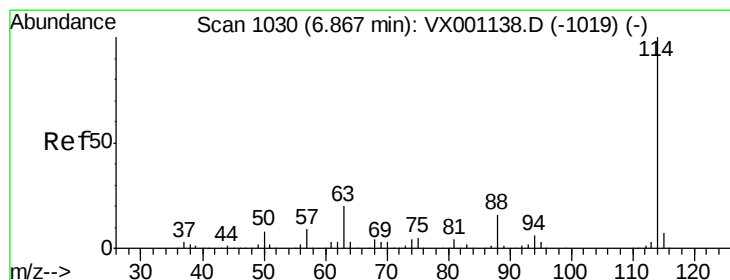
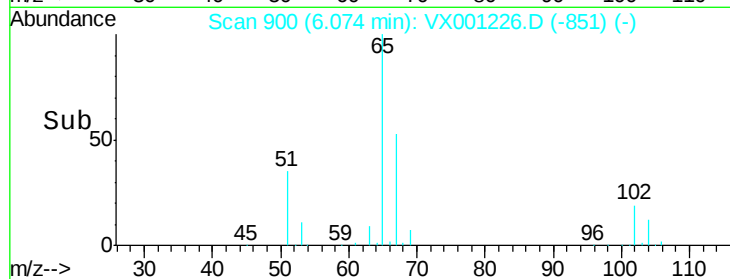
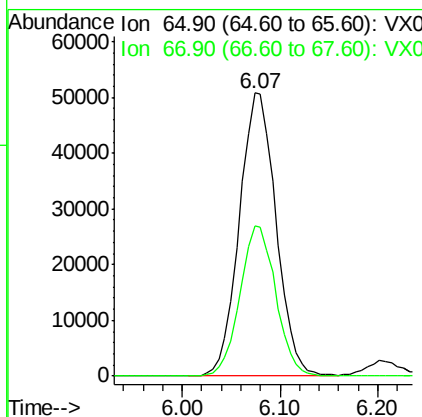
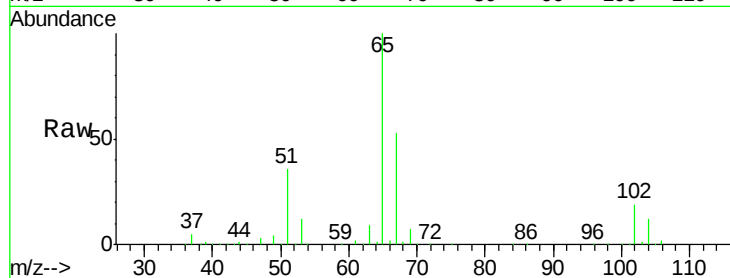
#33  
 1,2-Dichloroethane-d4  
 Concen: 42.86 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 132472 |       |       |
| 67      | 52.0  | 0.0    | 102.2 |       |

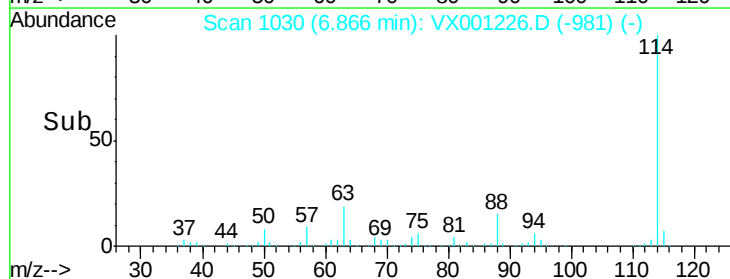
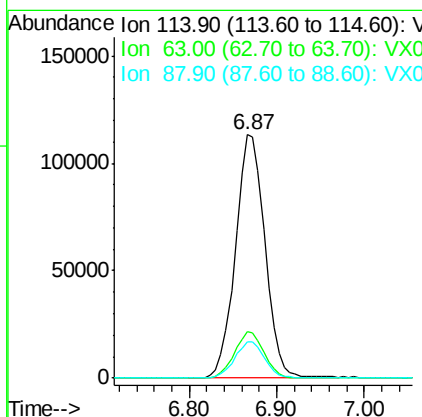
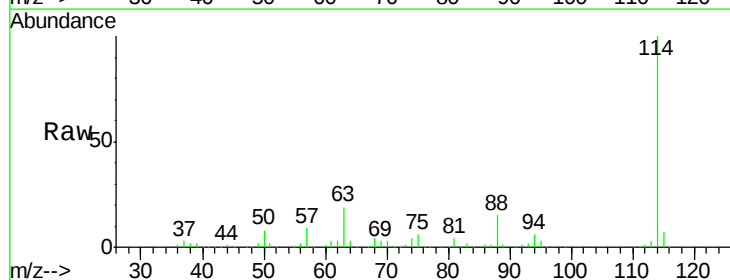
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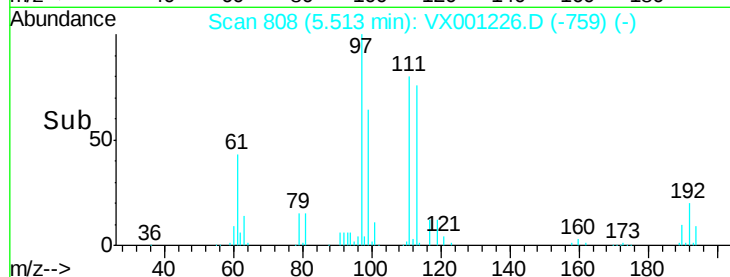
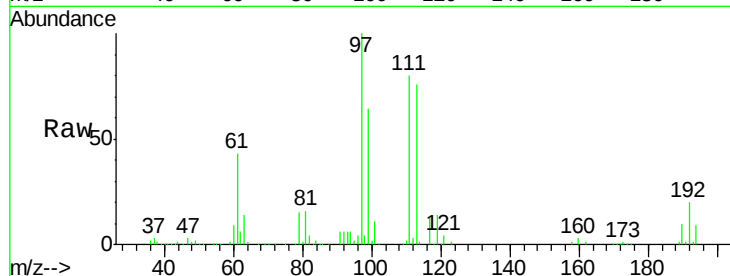
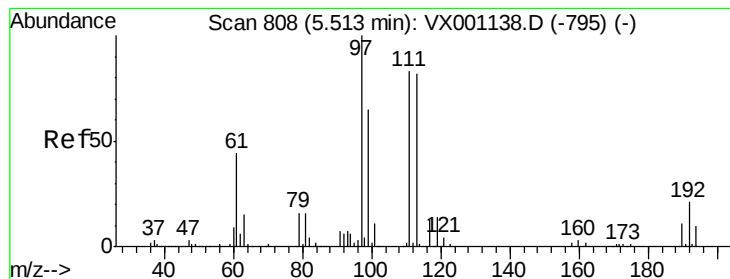
apatel  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 266638 |       |       |
| 63      | 19.1  | 0.0    | 40.4  |       |
| 88      | 15.1  | 0.0    | 31.8  |       |





#35

Dibromofluoromethane

Concen: 49.57 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 109393 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.8 | 82.2  | 123.4  |
| 192       | 25.7  | 20.6  | 30.8   |

Instrument :

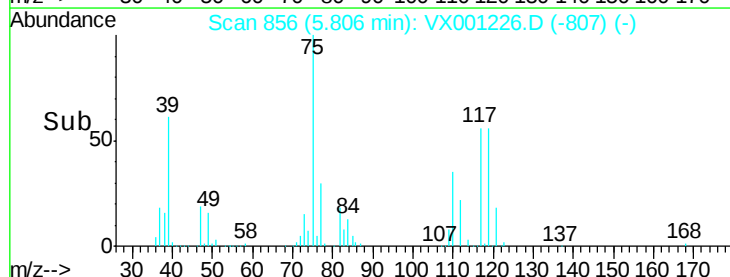
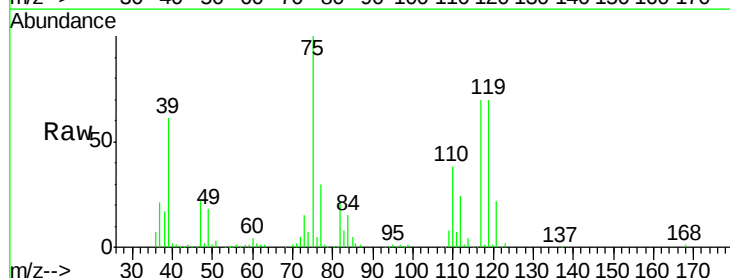
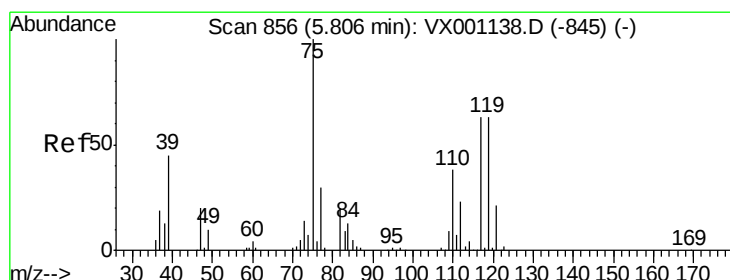
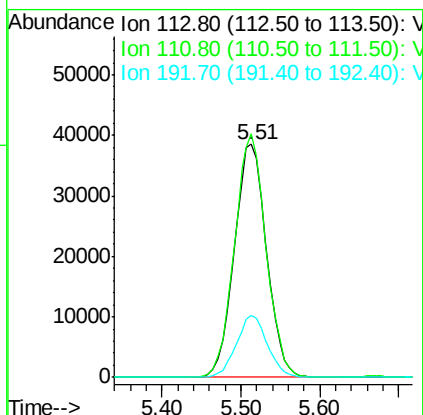
MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

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#36

1,1-Dichloropropene

Concen: 49.34 ug/l

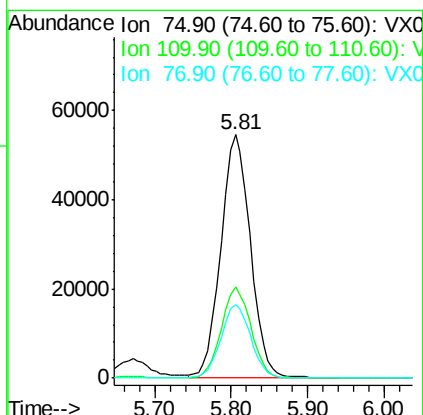
RT: 5.81 min Scan# 856

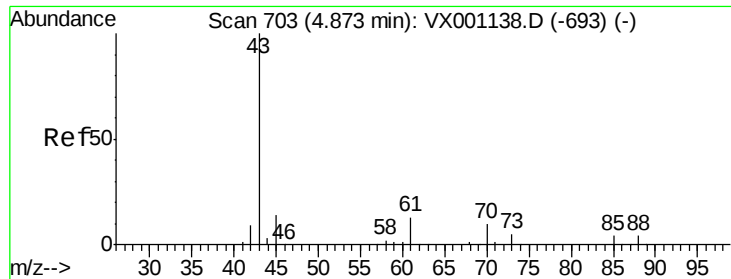
Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 144982 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 37.8  | 19.0  | 57.0   |
| 77        | 30.8  | 24.8  | 37.2   |





#37

Ethyl Acetate

Concen: 47.51 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

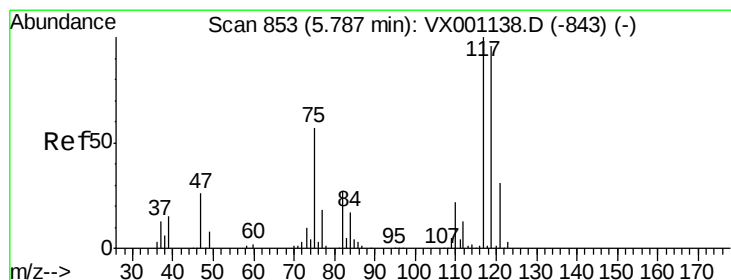
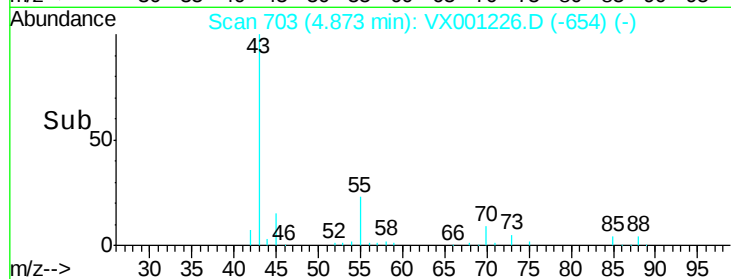
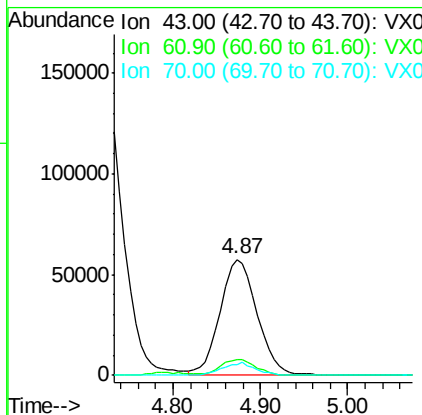
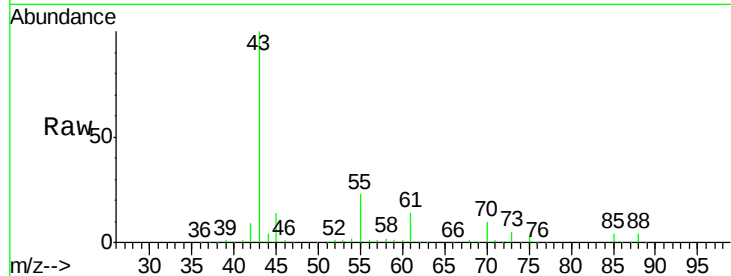
ClientSampleId :

WP022MW102-180423MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 167167 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.4  | 11.0  | 16.6   |
| 70       | 10.1  | 8.2   | 12.2   |

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#38

Carbon Tetrachloride

Concen: 53.04 ug/l

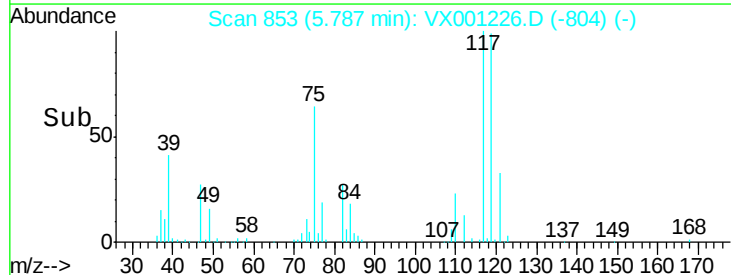
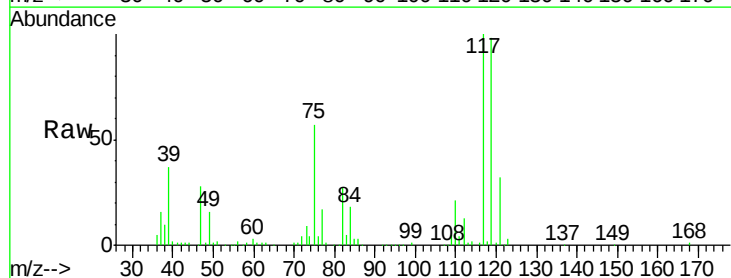
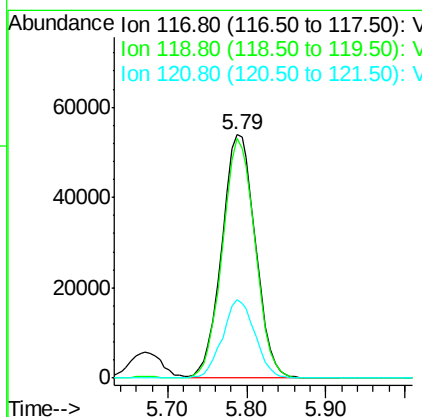
RT: 5.79 min Scan# 853

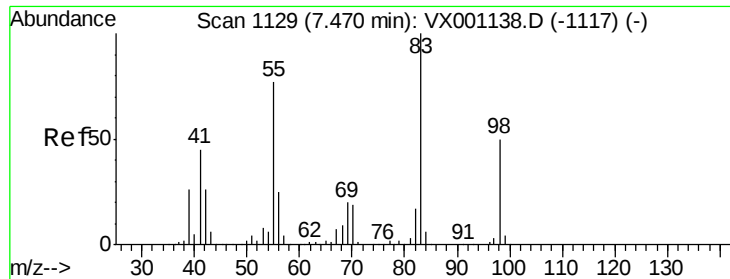
Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 159814 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.3  | 76.5  | 114.7  |
| 121      | 32.2  | 24.6  | 37.0   |





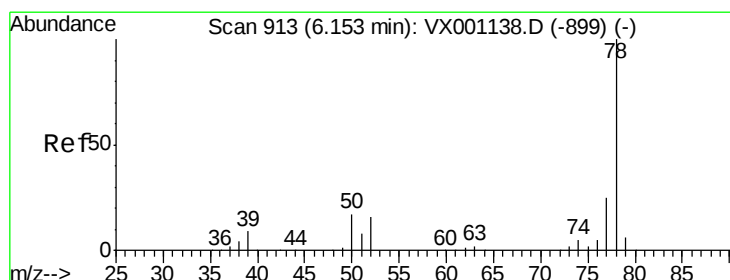
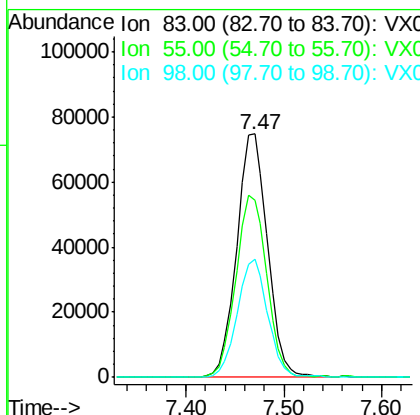
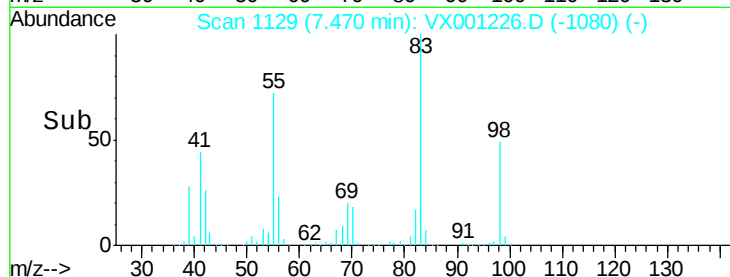
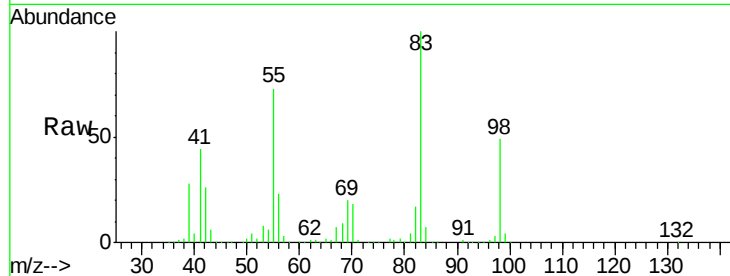
#39  
Methvlcvclohexane  
Concen: 50.27 ug/l  
RT: 7.47 min Scan# 1129  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.7  | 61.8  | 92.6  |
| 98      | 48.6  | 40.0  | 60.0  |

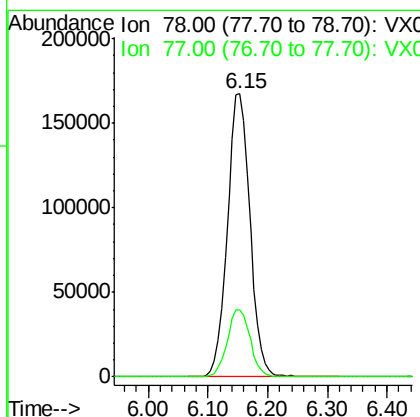
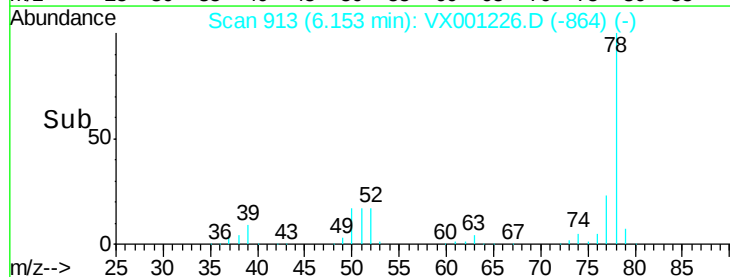
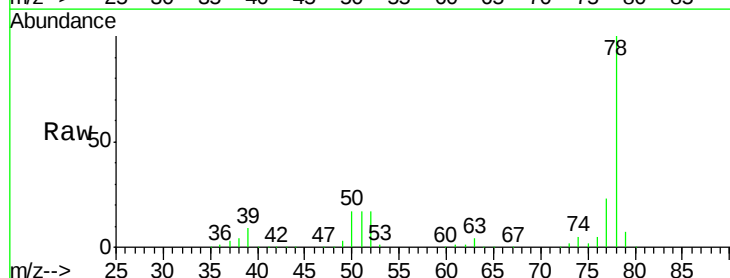
Manual Integrations  
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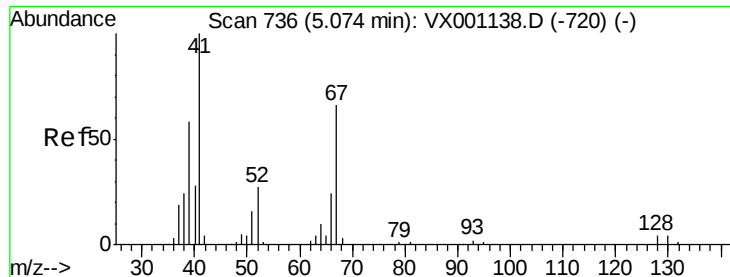
apatel  
5/1/2018 7:45:32 PM



#40  
Benzene  
Concen: 51.92 ug/l  
RT: 6.15 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 19.7  | 29.5  |





#41

Methacrylonitrile

Concen: 45.72 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

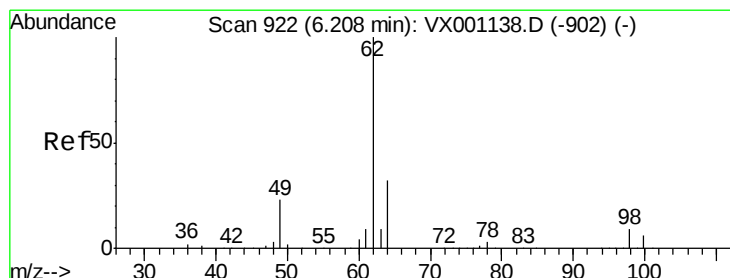
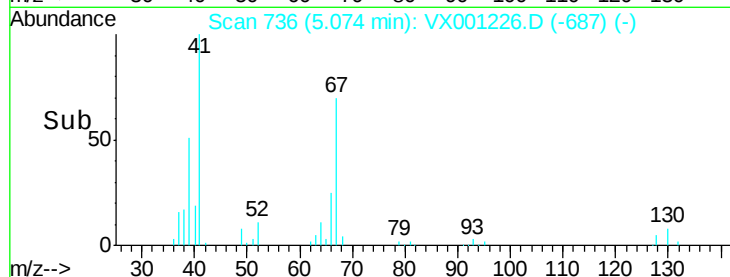
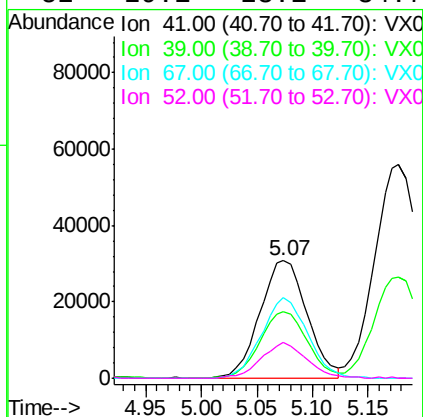
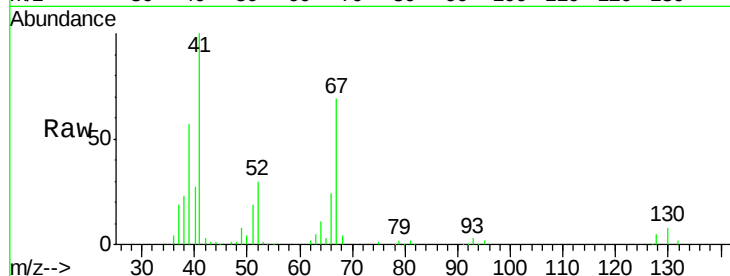
ClientSampleId :

WP022MW102-180423MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 56.7 | 45.9  | 68.9  |       |
| 67      | 67.6 | 53.2  | 79.8  |       |
| 52      | 29.1 | 23.1  | 34.7  |       |

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apatel  
5/1/2018 7:45:32 PM



#42

1,2-Dichloroethane

Concen: 50.38 ug/l

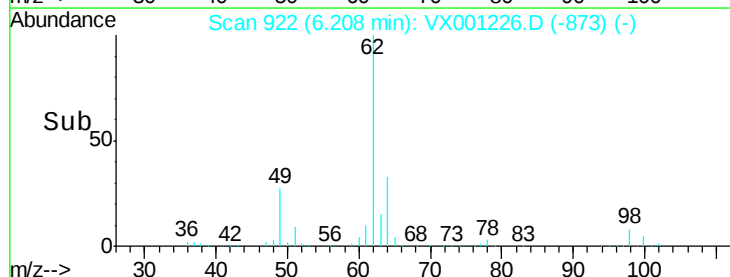
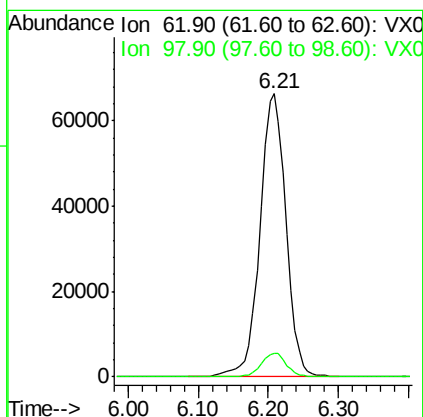
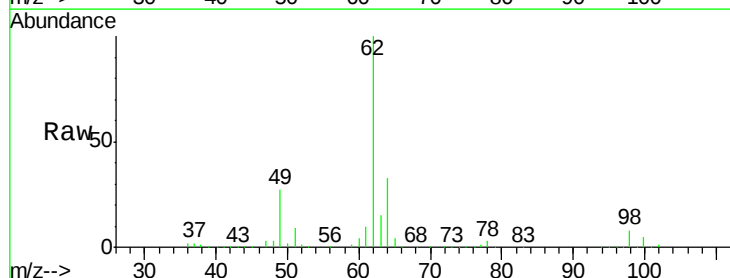
RT: 6.21 min Scan# 922

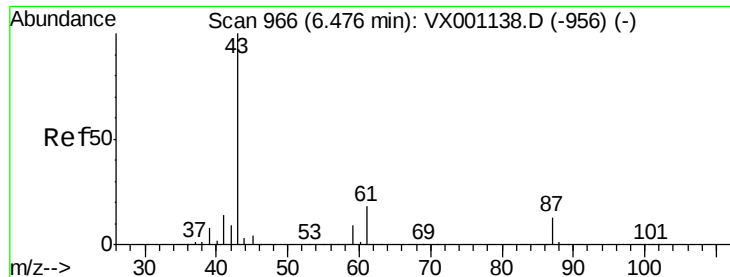
Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.2 | 0.0   | 17.0  |       |





#43

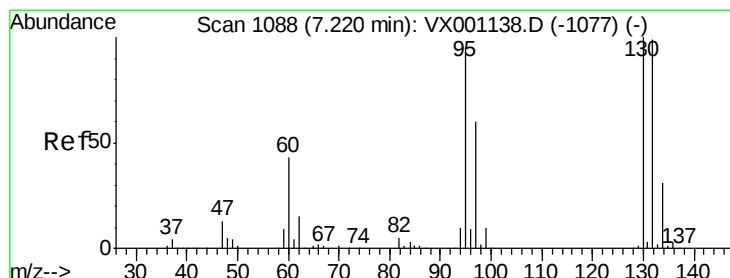
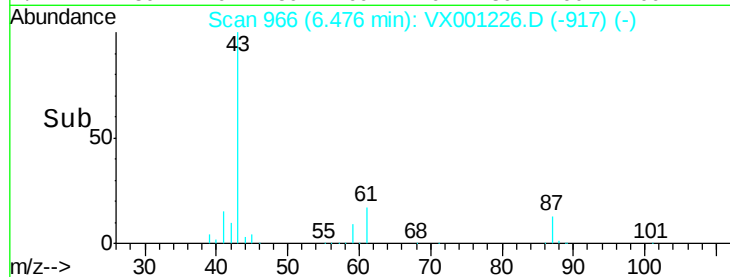
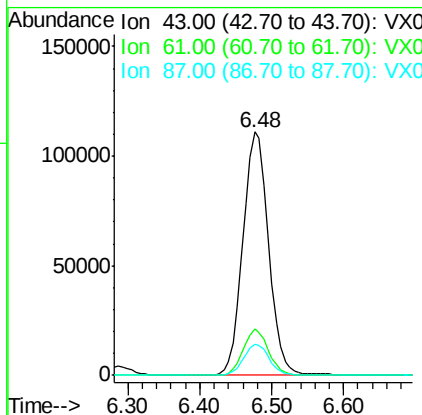
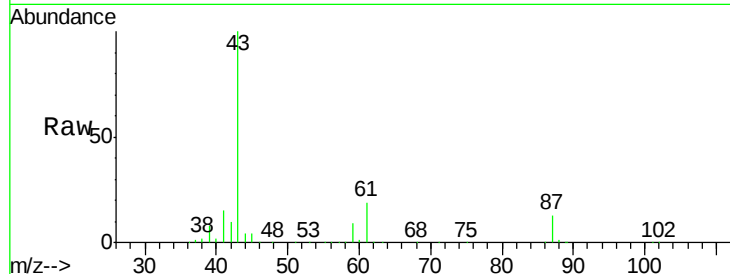
Isopropyl Acetate  
 Concen: 49.48 ug/l  
 RT: 6.48 min Scan# 966  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 273429 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.8  | 15.0  | 22.6   |
| 87       | 12.9  | 10.3  | 15.5   |

Manual Integrations  
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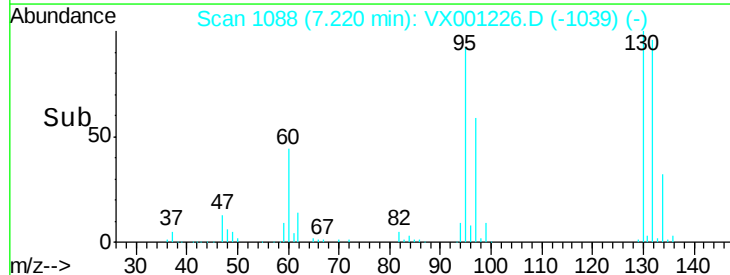
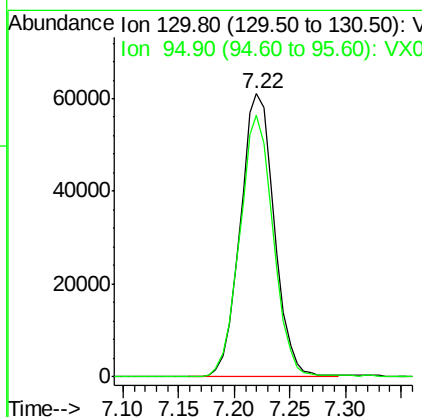
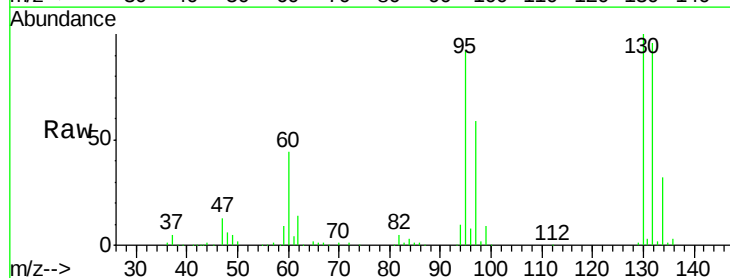
apatel  
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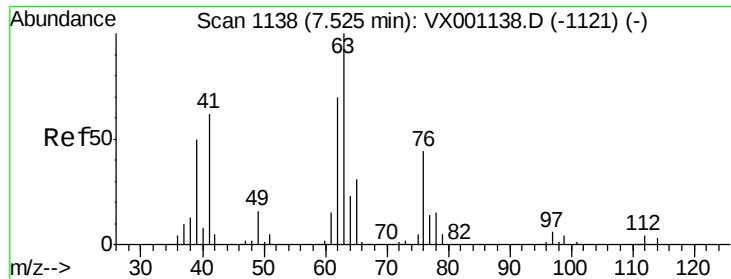


#44

Trichloroethene  
 Concen: 51.18 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 129605 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 92.4  | 0.0   | 189.6  |





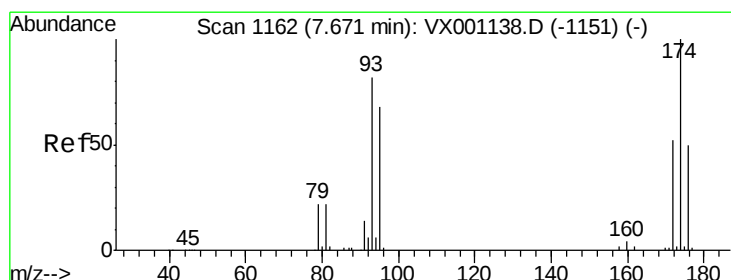
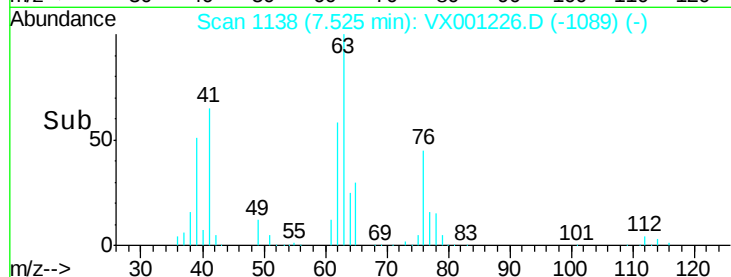
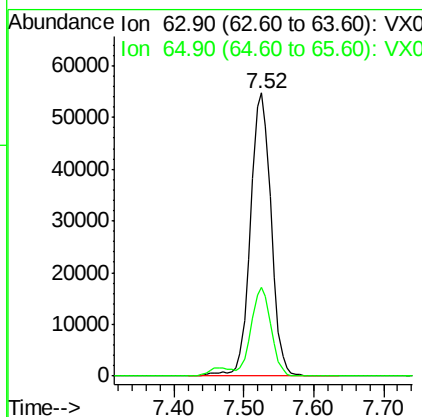
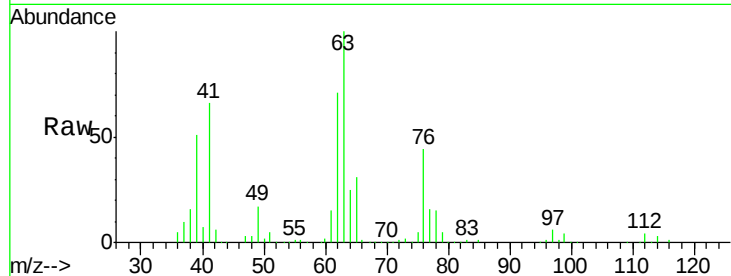
#45  
 1,2-Dichloropropane  
 Concen: 50.32 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

Tot Ion: 63 Resp: 112497  
 Ion Ratio Lower Upper  
 63 100  
 65 31.2 24.9 37.3

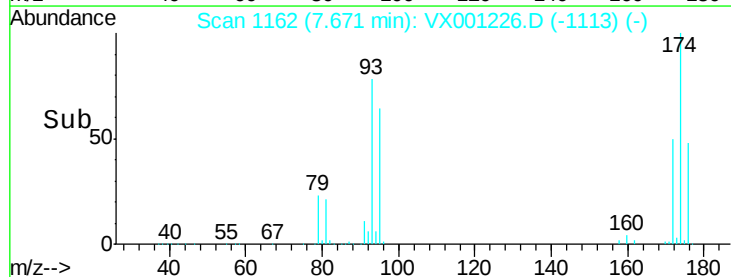
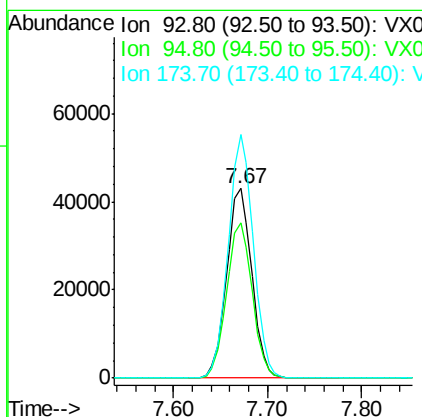
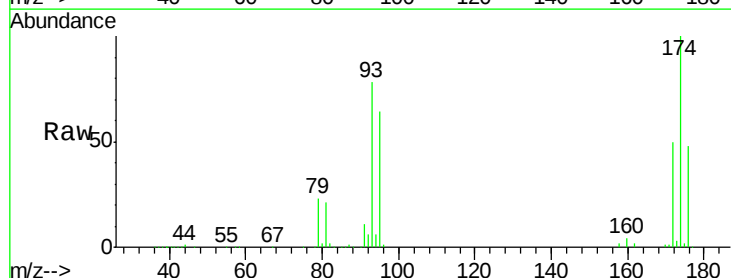
Manual Integrations  
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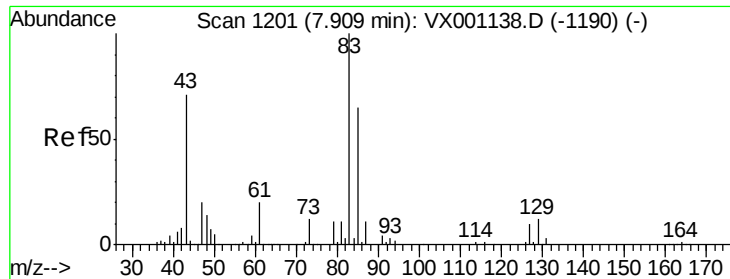
apatel  
 5/1/2018 7:45:32 PM



#46  
 Dibromomethane  
 Concen: 51.72 ug/l  
 RT: 7.67 min Scan# 1162  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Tgt Ion: 93 Resp: 80068  
 Ion Ratio Lower Upper  
 93 100  
 95 83.1 66.4 99.6  
 174 127.5 99.6 149.4





#47

Bromodichloromethane

Concen: 53.13 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

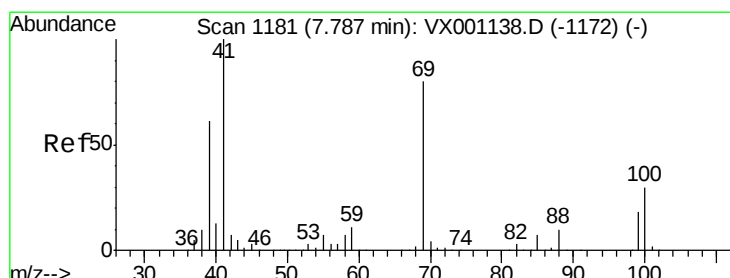
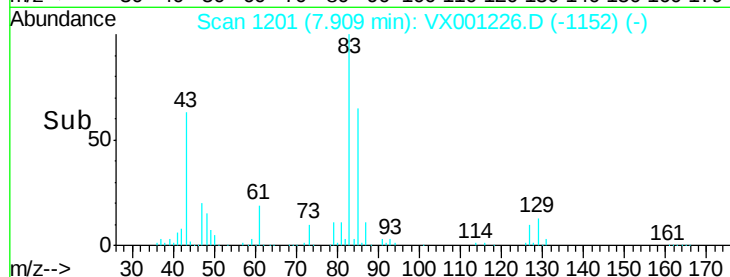
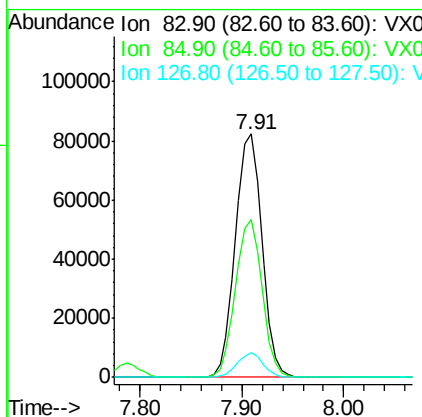
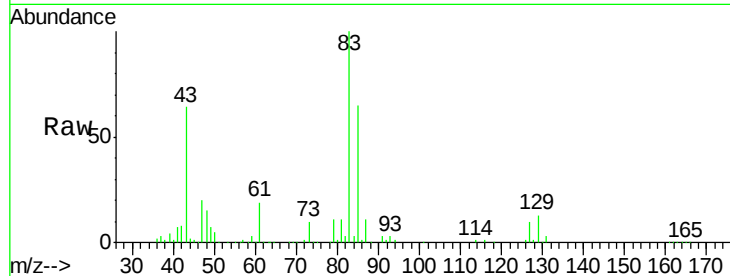
ClientSampleId :

WP022MW102-180423MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 149437 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.7  | 51.9  | 77.9   |
| 127       | 10.2  | 7.7   | 11.5   |

Manual Integrations  
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apatel  
5/1/2018 7:45:32 PM



#48

Methyl methacrylate

Concen: 42.17 ug/l

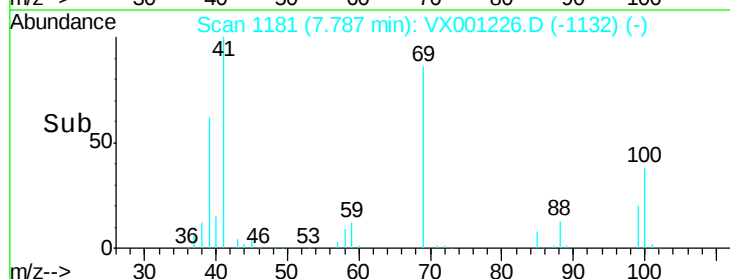
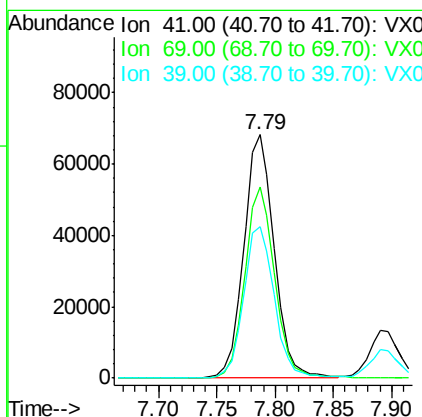
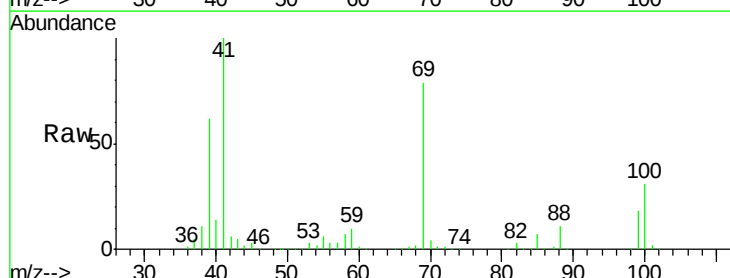
RT: 7.79 min Scan# 1181

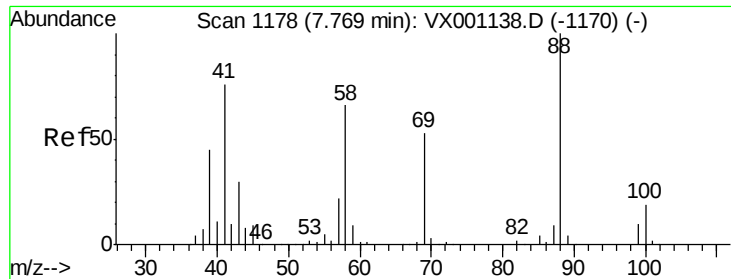
Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 123856 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 78.1  | 62.4  | 93.6   |
| 39        | 62.7  | 48.7  | 73.1   |





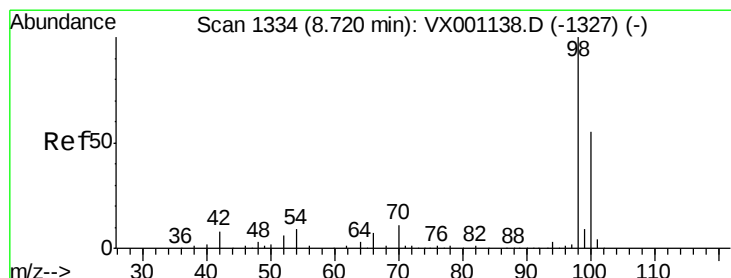
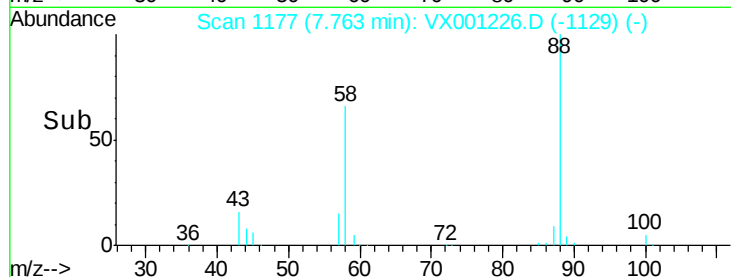
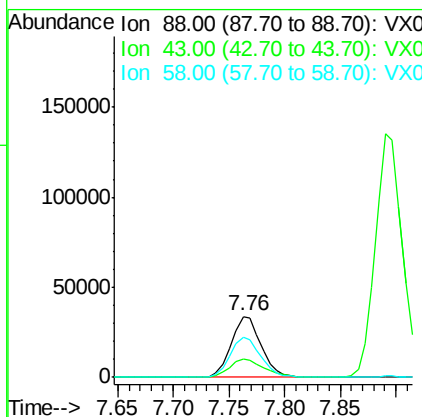
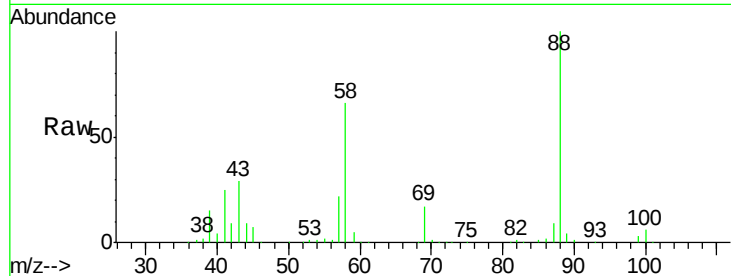
#49  
 1,4-Dioxane  
 Concen: 1066.75 ug/l  
 RT: 7.76 min Scan# 1177  
 Delta R.T. -0.01 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

| Tot Ion | 88    | Resp  | 62734 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 33.9  | 27.3  | 40.9  |
| 58      | 67.7  | 54.2  | 81.4  |

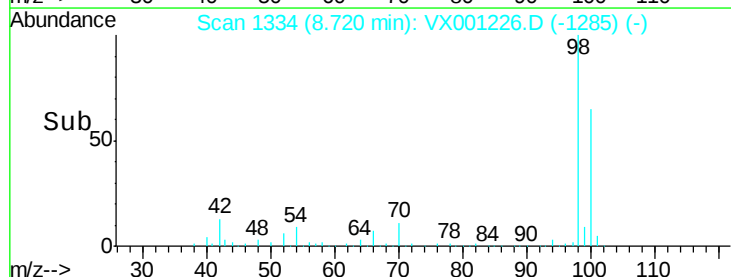
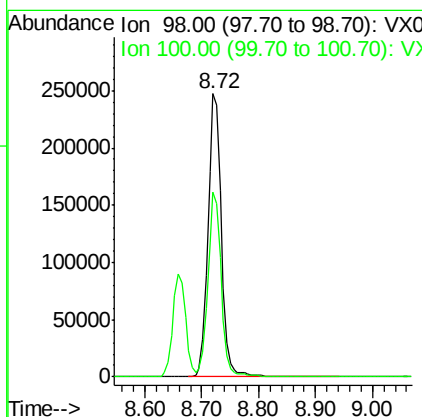
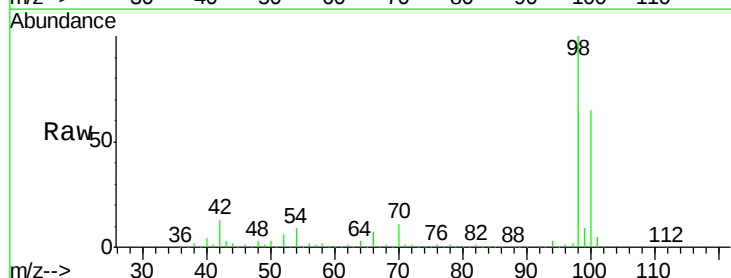
Manual Integrations  
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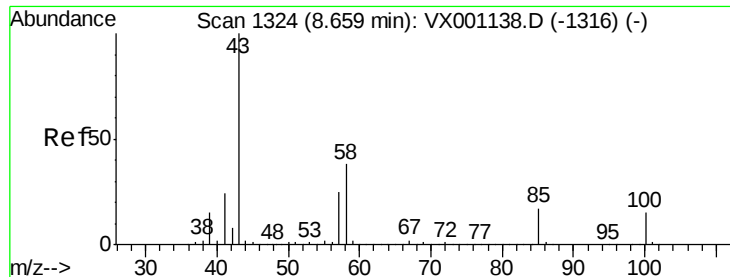
apatel  
 5/1/2018 7:45:32 PM



#50  
 Toluene-d8  
 Concen: 48.77 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

| Tgt Ion | 98    | Resp  | 406162 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 64.7  | 51.8  | 77.6   |





#51

4-Methyl-2-Pentanone

Concen: 261.90 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion: 43 Resp: 950688

Ion Ratio Lower Upper

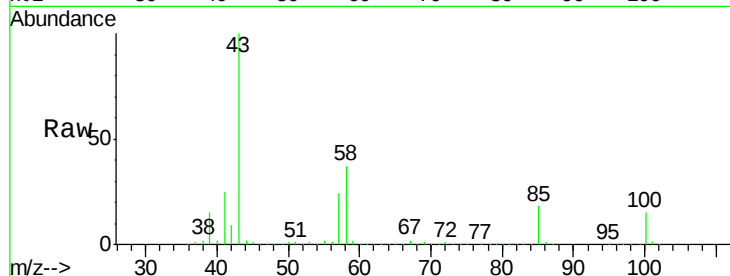
43 100

58 37.3 30.2 45.2

Manual Integrations  
APPROVED

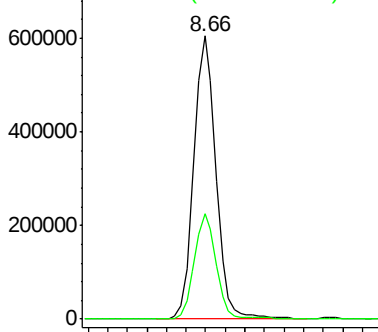
apatel

5/1/2018 7:45:32 PM

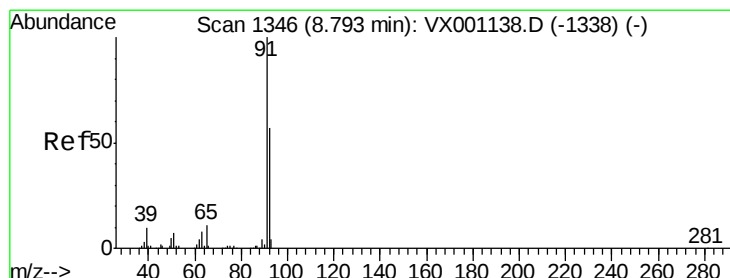
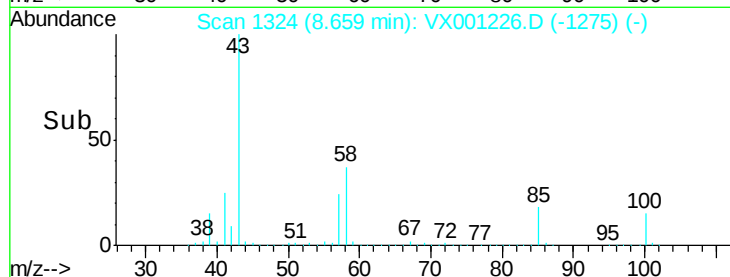


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 51.32 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001226.D

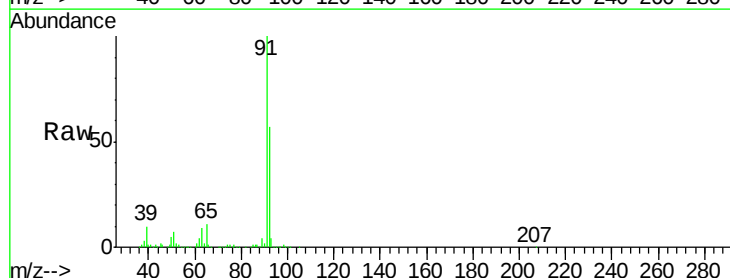
Acq: 28 Apr 2018 20:38

Tgt Ion: 92 Resp: 285228

Ion Ratio Lower Upper

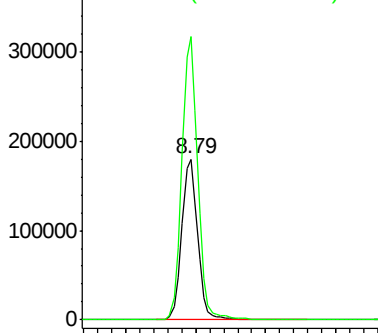
92 100

91 175.3 139.8 209.6

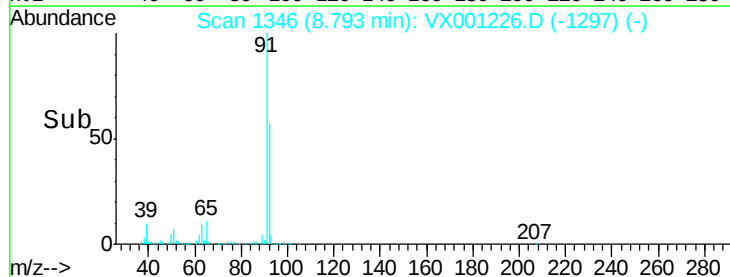


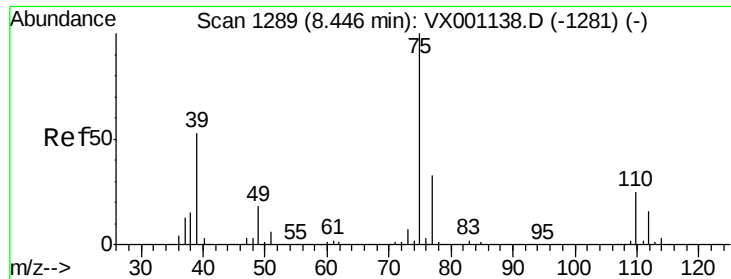
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





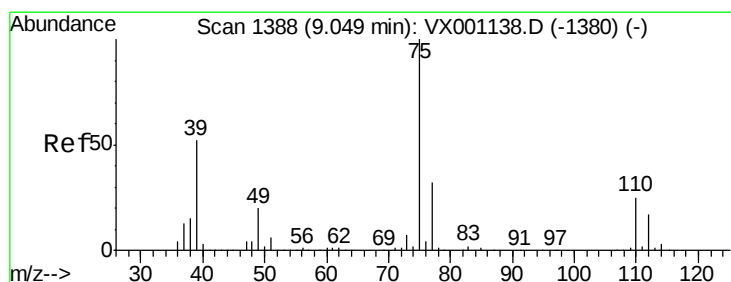
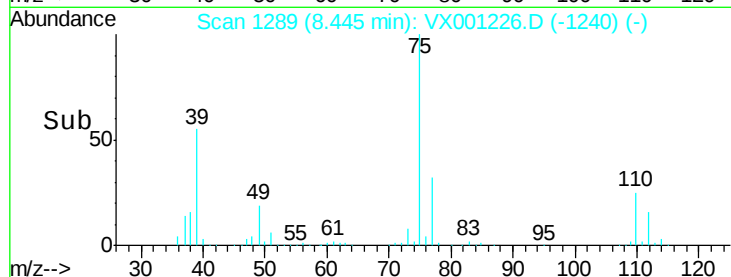
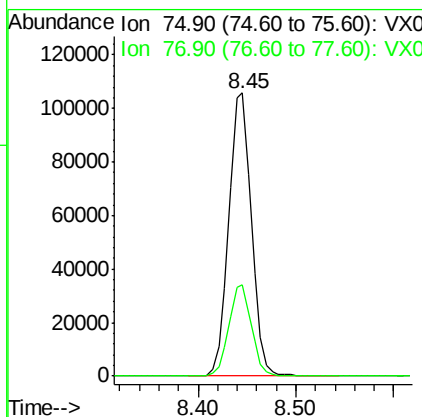
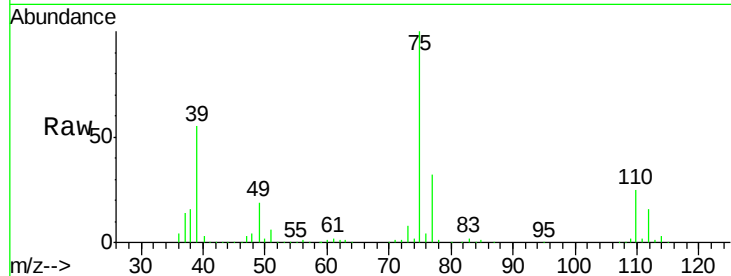
#53  
t-1,3-Dichloropropene  
Concen: 51.94 ug/l  
RT: 8.45 min Scan# 1289  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

Tot Ion: 75 Resp: 169852  
Ion Ratio Lower Upper  
75 100  
77 32.4 26.2 39.4

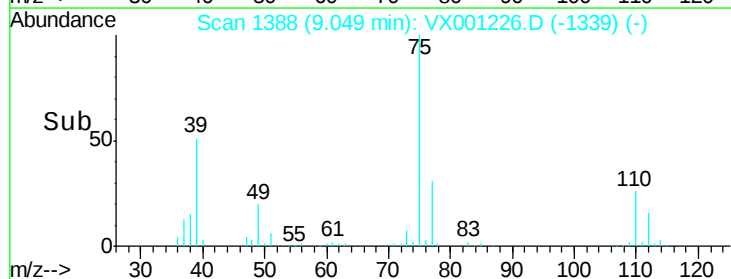
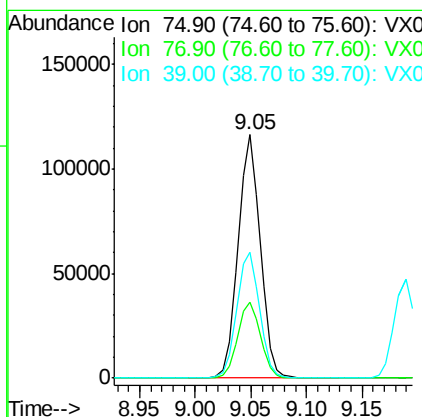
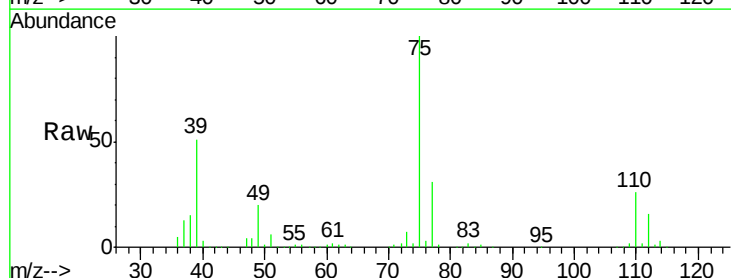
Manual Integrations  
APPROVED

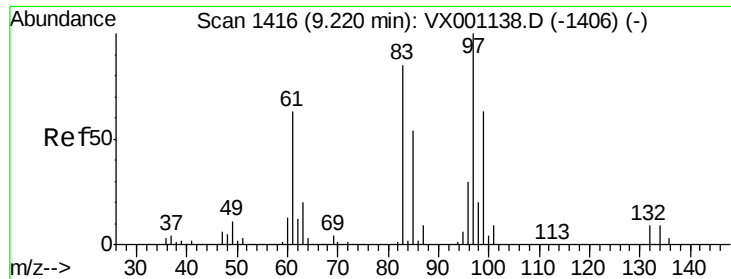
apatel  
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#54  
cis-1,3-Dichloropropene  
Concen: 45.48 ug/l  
RT: 9.05 min Scan# 1388  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Tgt Ion: 75 Resp: 160339  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.4 38.2  
39 51.3 42.0 63.0





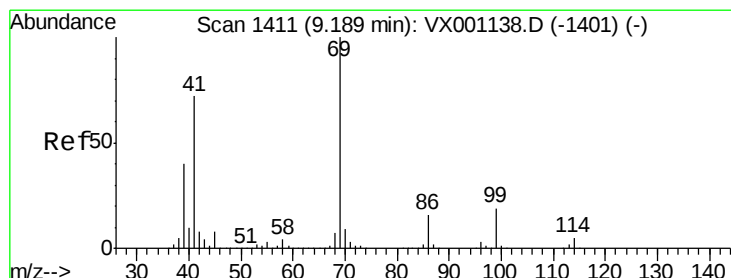
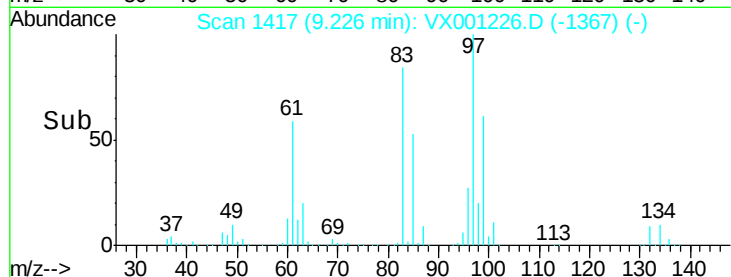
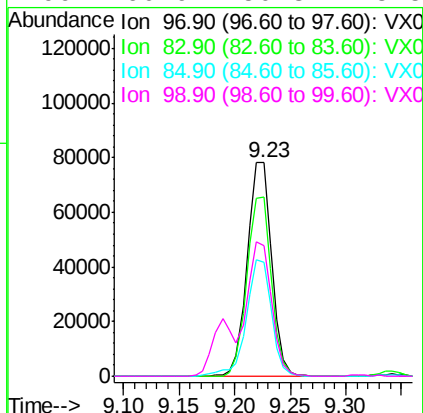
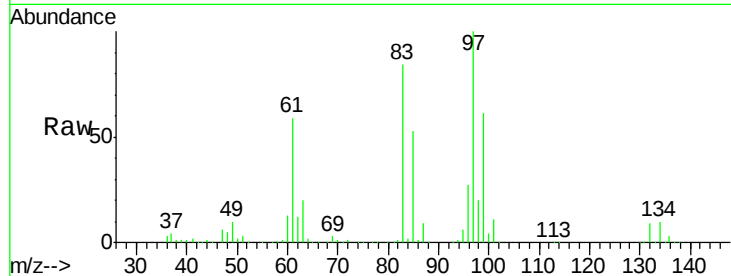
#55  
 1,1,2-Trichloroethane  
 Concen: 50.83 ug/l  
 RT: 9.23 min Scan# 1417  
 Delta R.T. 0.01 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 119535 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.9  | 68.0  | 102.0  |
| 85       | 53.1  | 42.9  | 64.3   |
| 99       | 60.9  | 50.3  | 75.5   |

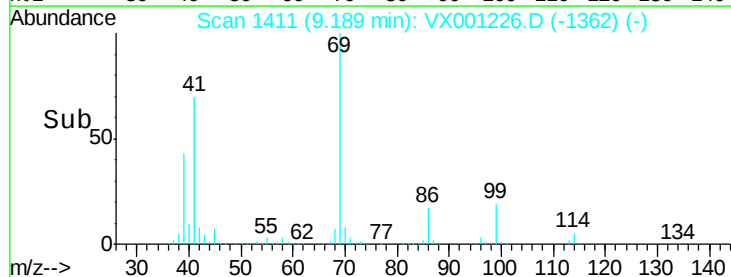
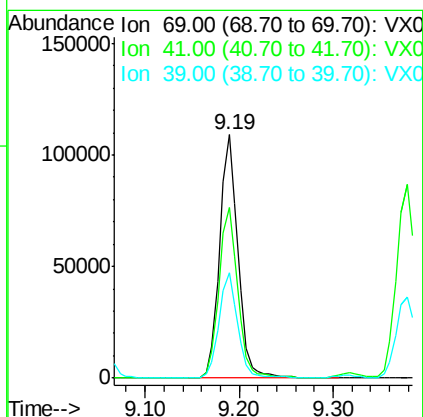
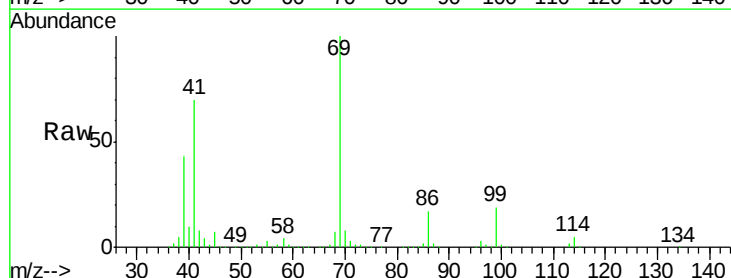
Manual Integrations  
 APPROVED

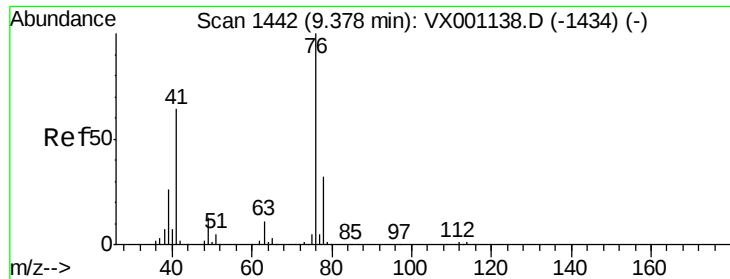
apatel  
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#56  
 Ethyl methacrylate  
 Concen: 42.59 ug/l  
 RT: 9.19 min Scan# 1411  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 148403 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 71.4  | 57.7  | 86.5   |
| 39       | 43.6  | 33.3  | 49.9   |





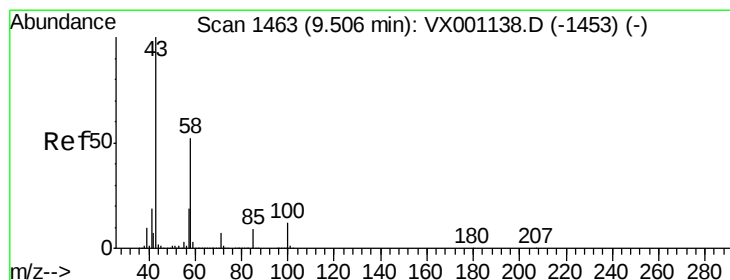
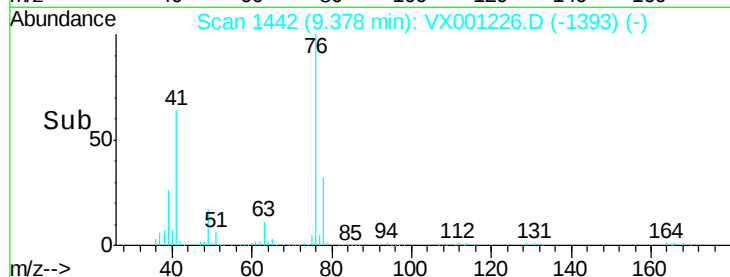
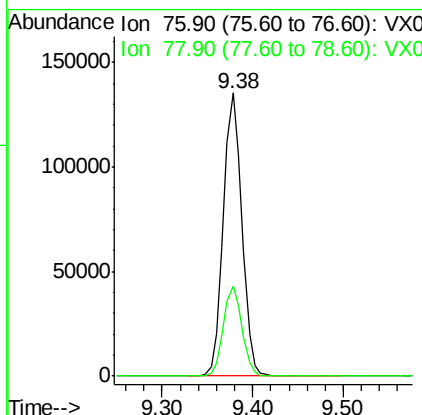
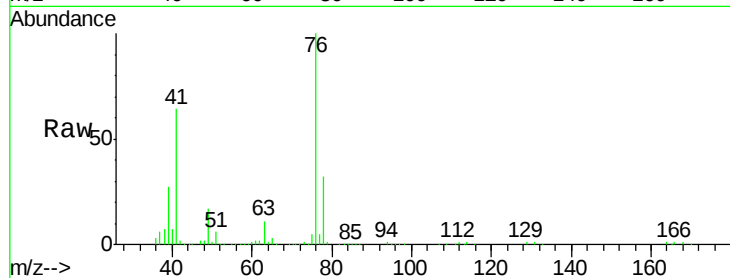
#57  
 1,3-Dichloropropane  
 Concen: 50.86 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.8  | 26.1  | 39.1  |

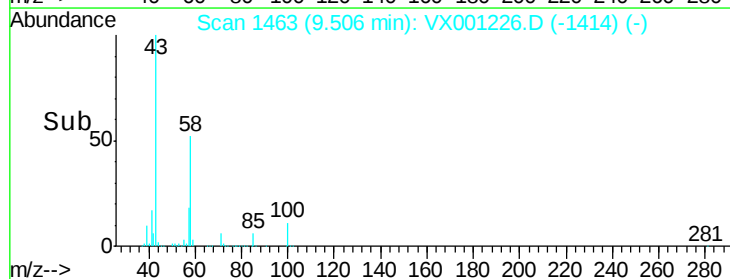
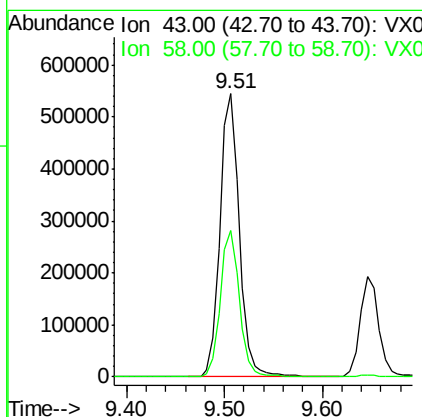
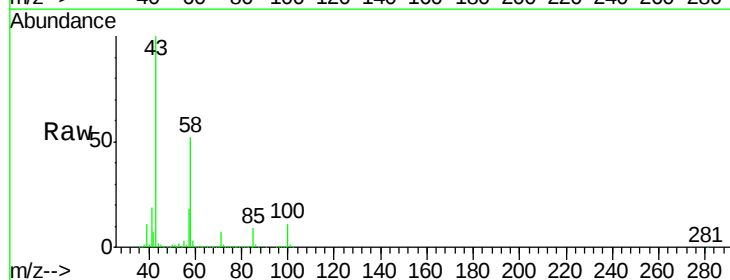
Manual Integrations  
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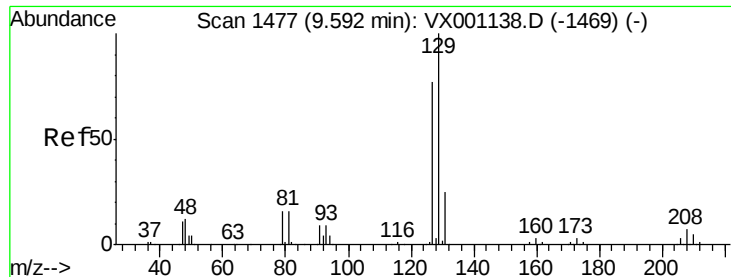
apatel  
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#59  
 2-Hexanone  
 Concen: 262.39 ug/l  
 RT: 9.51 min Scan# 1463  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 51.4  | 25.8  | 77.4  |





#60

Dibromochloromethane

Concen: 47.96 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion:129 Resp: 131348

Ion Ratio Lower Upper

129 100

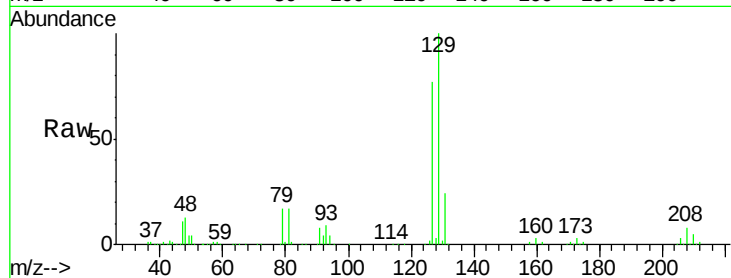
127 76.4 38.4 115.2

Manual Integrations

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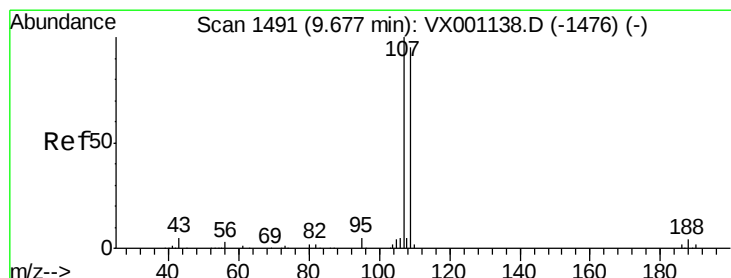
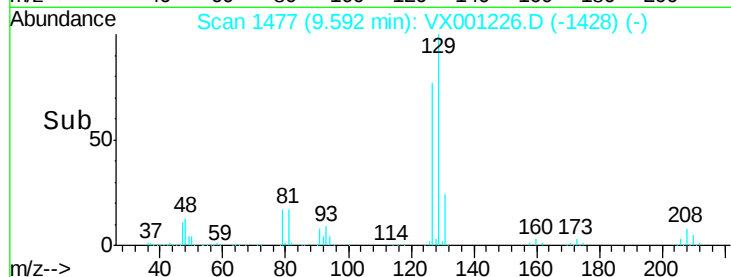
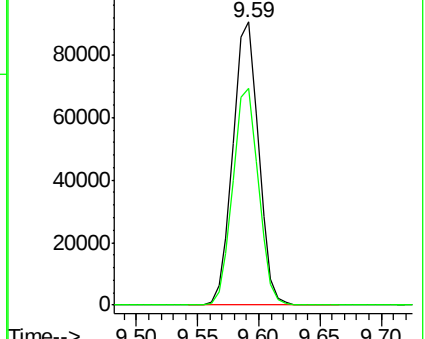
apatel

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.95 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001226.D

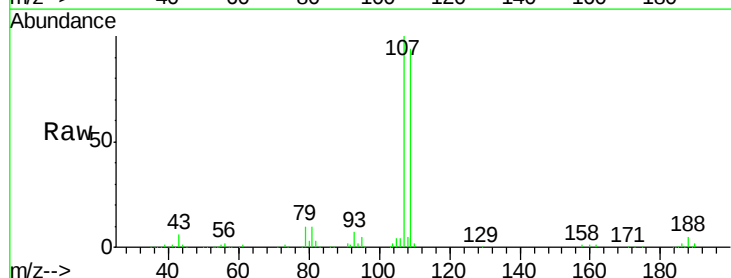
Acq: 28 Apr 2018 20:38

Tgt Ion:107 Resp: 127981

Ion Ratio Lower Upper

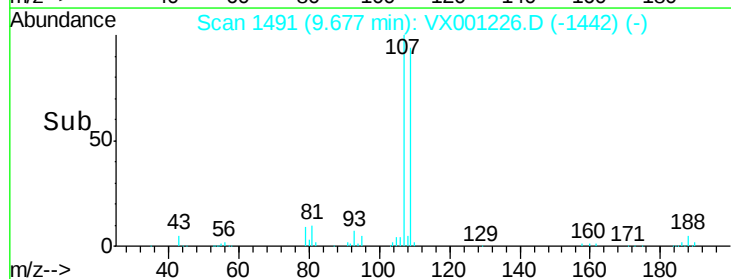
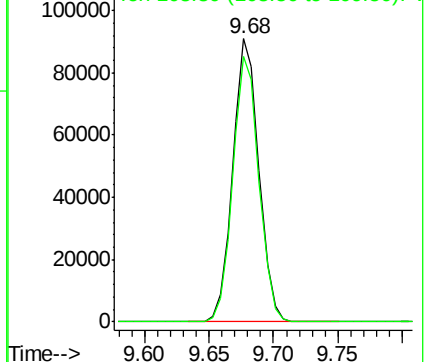
107 100

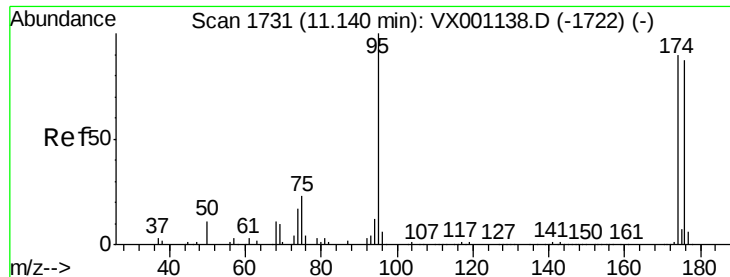
109 94.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





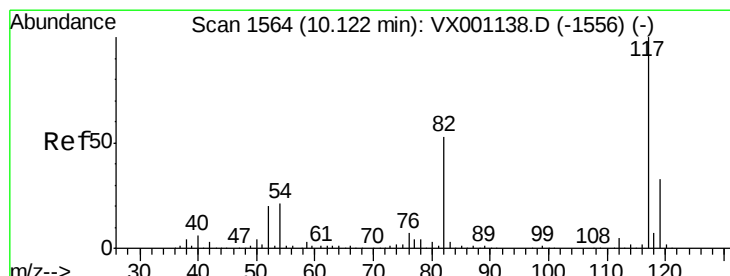
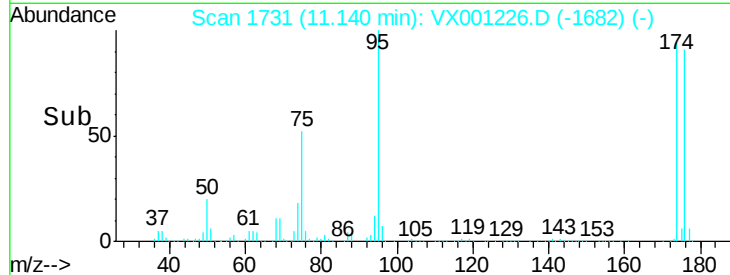
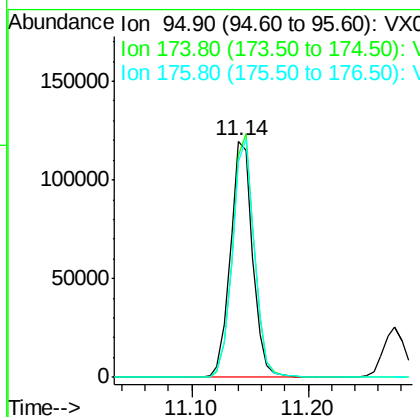
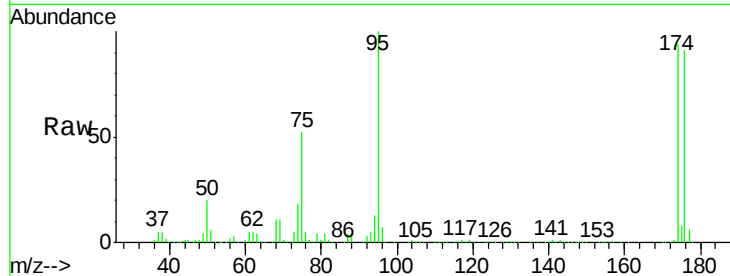
#62  
4-Bromofluorobenzene  
Concen: 49.00 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 159436 |       |       |
| 174     | 100.6 | 0.0    | 194.4 |       |
| 176     | 98.9  | 0.0    | 190.2 |       |

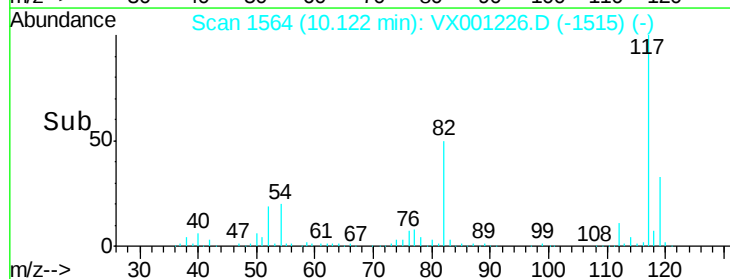
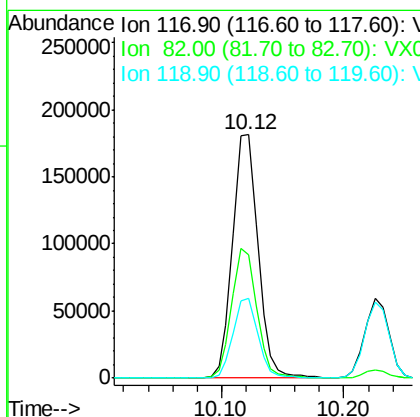
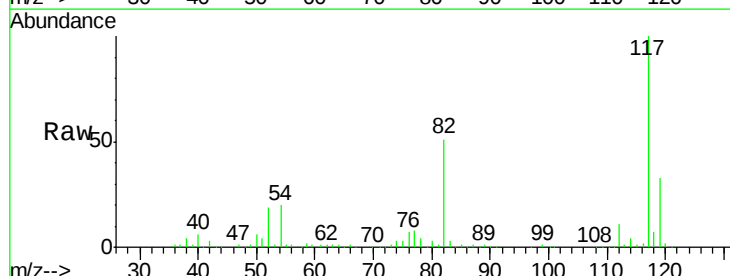
Manual Integrations  
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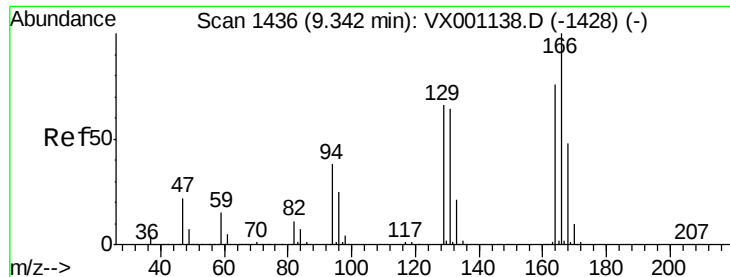
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#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 261884 |       |       |
| 82      | 50.5  | 42.1   | 63.1  |       |
| 119     | 32.6  | 26.1   | 39.1  |       |





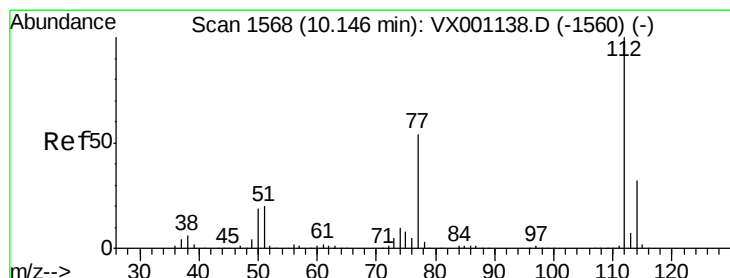
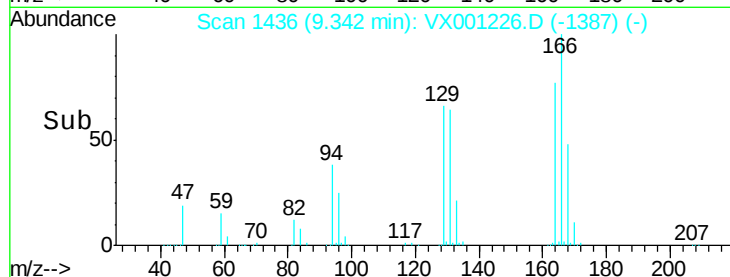
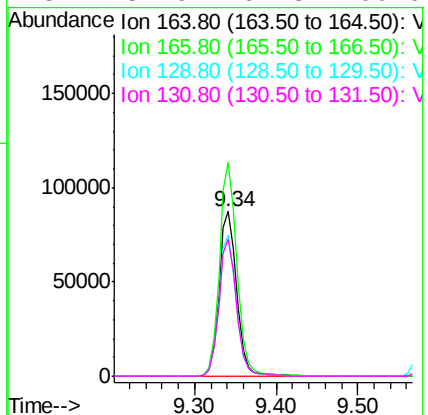
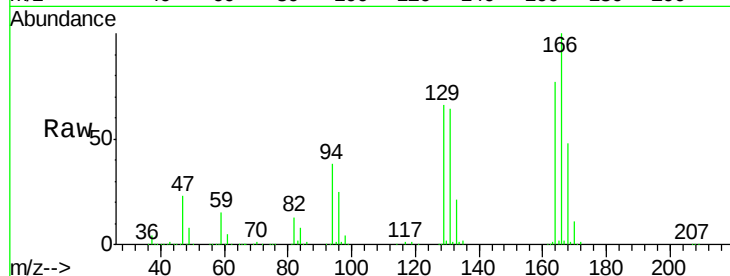
#64  
Tetrachloroethene  
Concen: 47.28 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

| Tot Ion | 164 | 166   | 129   | 131   |
|---------|-----|-------|-------|-------|
| Ratio   | 100 | 129.6 | 85.7  | 82.9  |
| Lower   |     | 105.0 | 69.4  | 67.3  |
| Upper   |     | 157.6 | 104.2 | 100.9 |

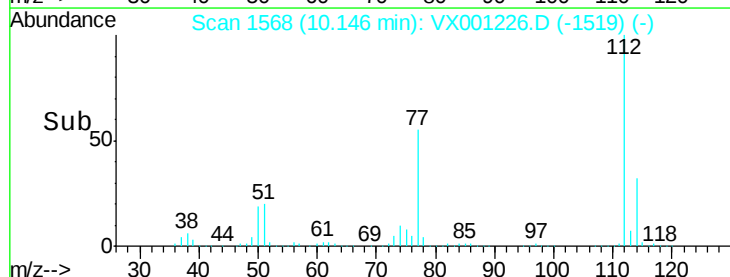
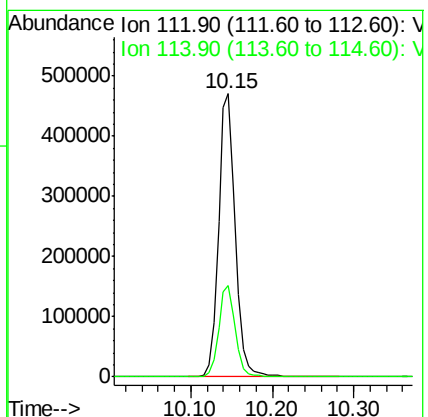
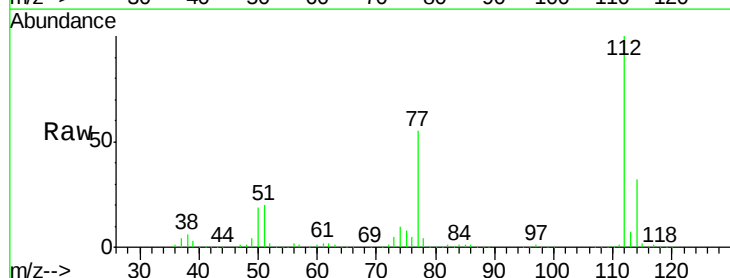
Manual Integrations  
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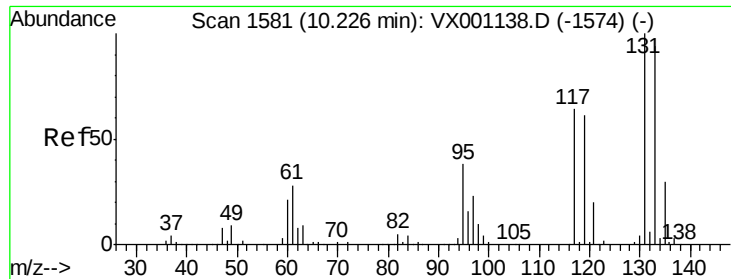
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#65  
Chlorobenzene  
Concen: 98.25 ug/l  
RT: 10.15 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

| Tgt Ion | 112 | 114  |
|---------|-----|------|
| Ratio   | 100 | 32.1 |
| Lower   |     | 25.7 |
| Upper   |     | 38.5 |





#66

1,1,1,2-Tetrachloroethane

Concen: 53.39 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

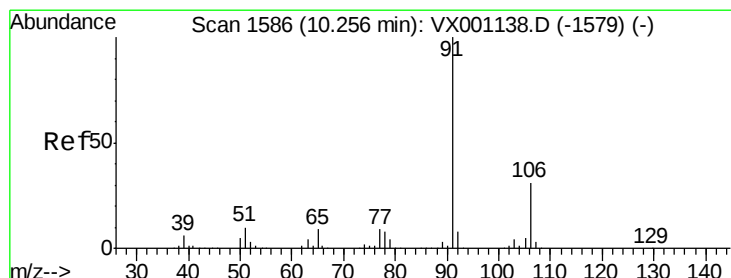
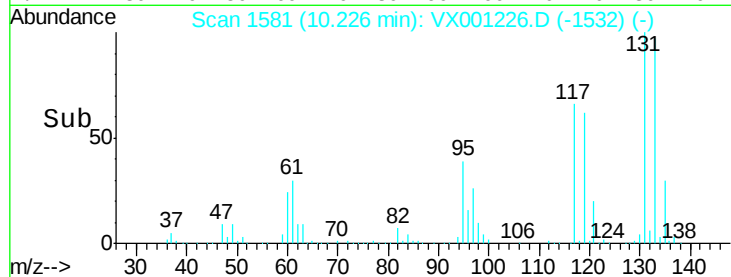
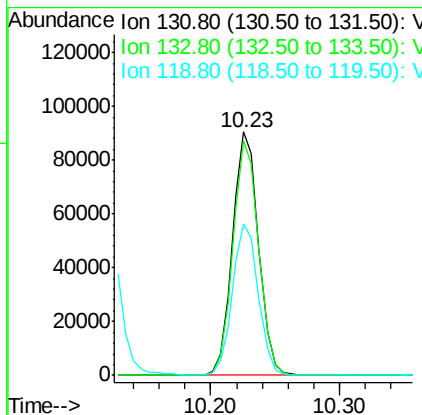
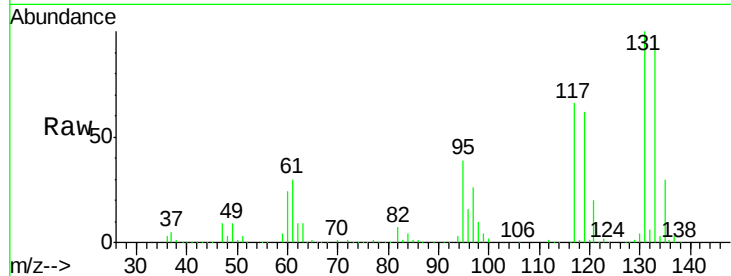
ClientSampleId :

WP022MW102-180423MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.8  | 47.8  | 143.4 |
| 119     | 62.2  | 31.3  | 93.8  |

Manual Integrations  
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#67

Ethyl Benzene

Concen: 49.86 ug/l

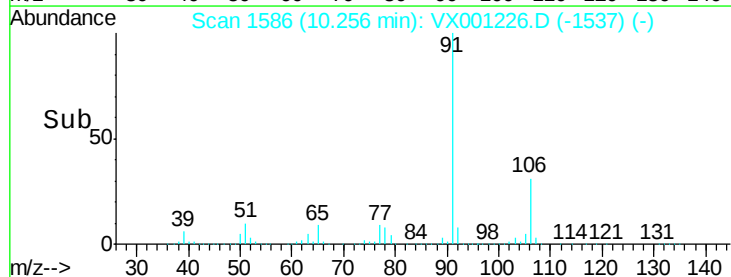
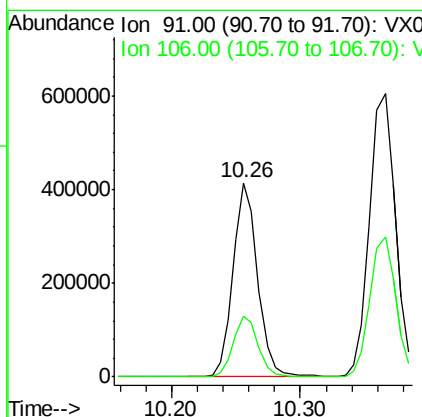
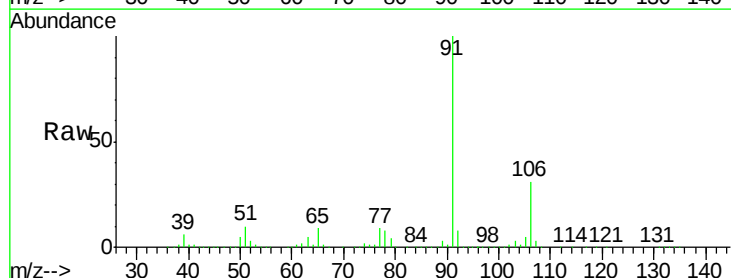
RT: 10.26 min Scan# 1586

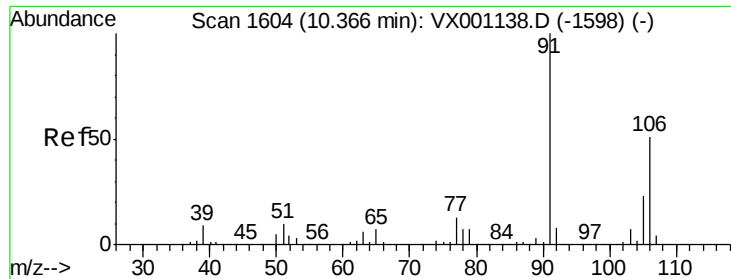
Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.5  | 24.8  | 37.2  |





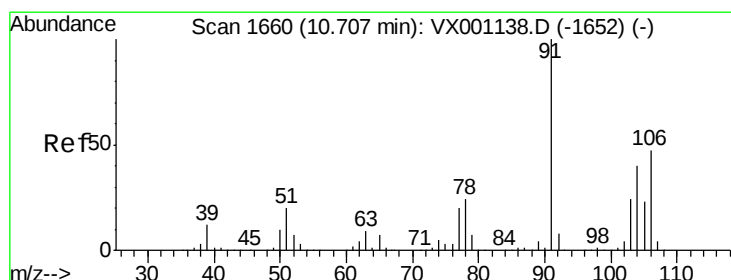
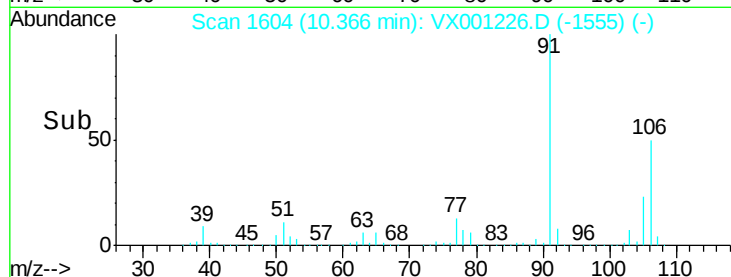
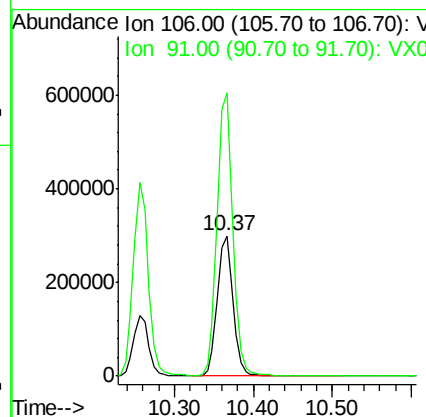
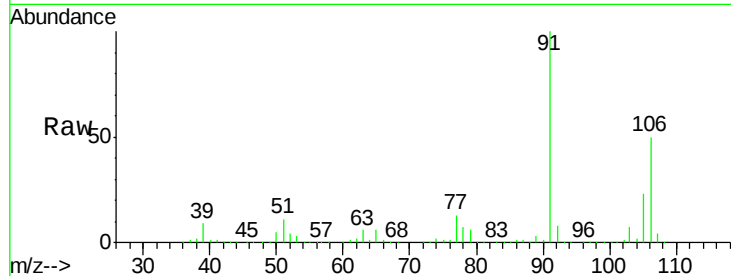
#68  
m/p-Xvlenes  
Concen: 95.58 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

Tot Ion:106 Resp: 421247  
Ion Ratio Lower Upper  
106 100  
91 201.6 160.9 241.3

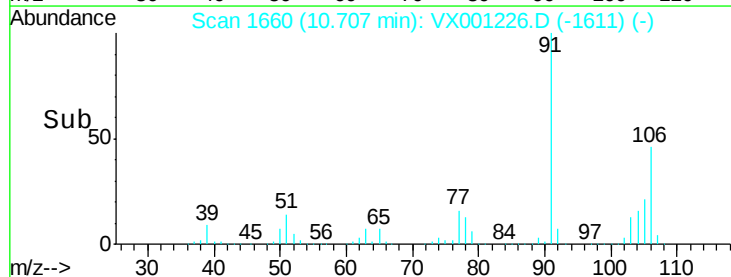
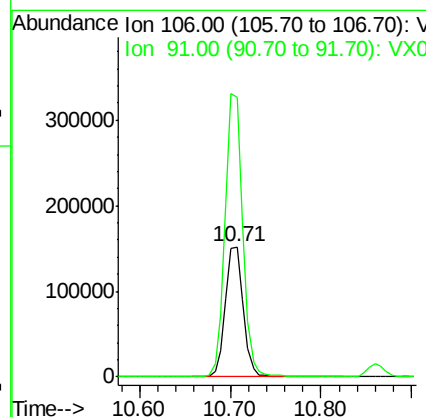
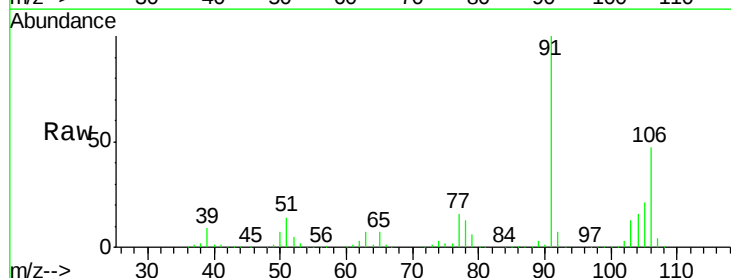
Manual Integrations  
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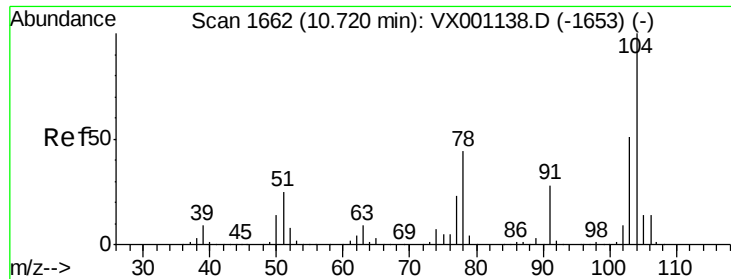
apatel  
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#69  
o-Xylene  
Concen: 49.27 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Tgt Ion:106 Resp: 210605  
Ion Ratio Lower Upper  
106 100  
91 214.5 106.2 318.5





#70

Stvrene

Concen: 18.74 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

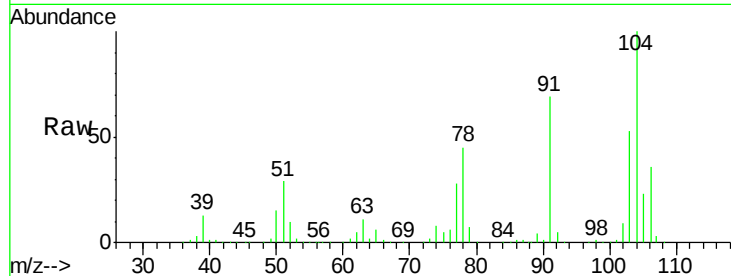
ClientSampleId :

WP022MW102-180423MSD

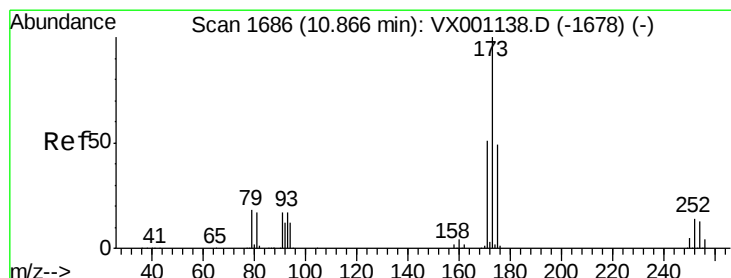
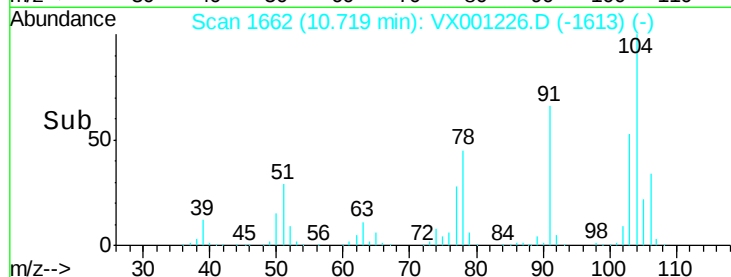
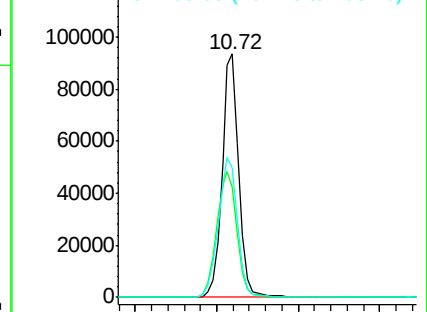
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 104   | Resp: | 133340 |
| Ion Ratio | Lower | Upper |        |
| 104       | 100   |       |        |
| 78        | 63.0  | 40.3  | 60.5#  |
| 103       | 67.0  | 44.3  | 66.5#  |

Manual Integrations  
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apatel  
5/1/2018 7:45:32 PM



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 44.18 ug/l

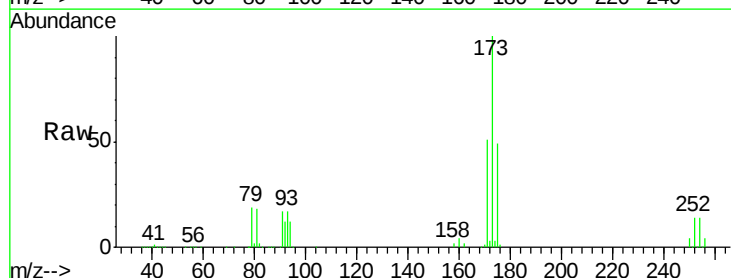
RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

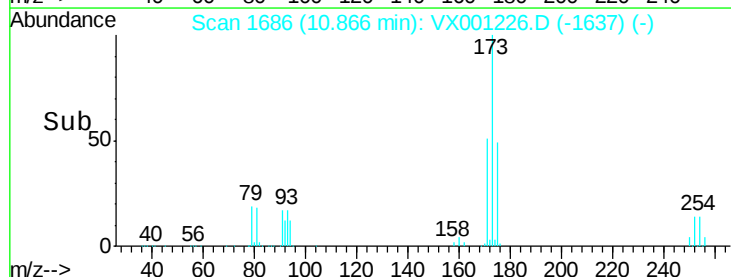
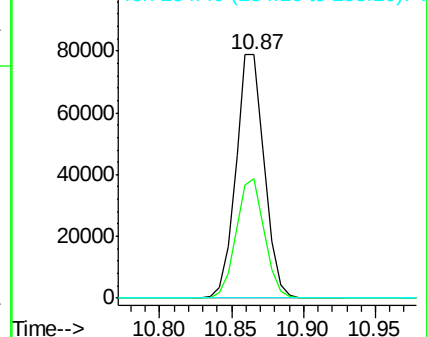
Lab File: VX001226.D

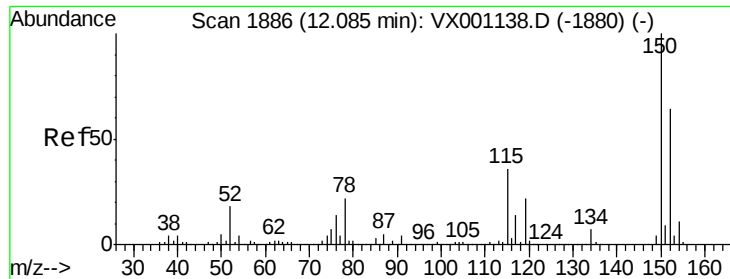
Acq: 28 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 173   | Resp: | 108722 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.8  | 24.6  | 73.8   |
| 254       | 0.2   | 0.2   | 0.2    |



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion:152 Resp: 179978

Ion Ratio Lower Upper

152 100

115 75.7 38.0 114.0

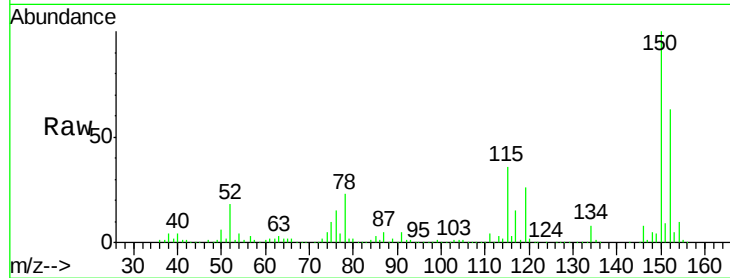
150 174.4 0.0 349.6

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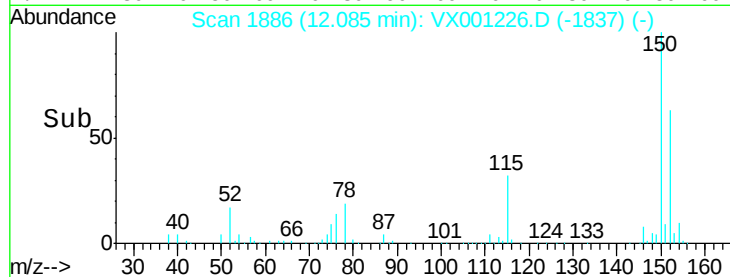


Abundance Ion 151.90 (151.60 to 152.60): V

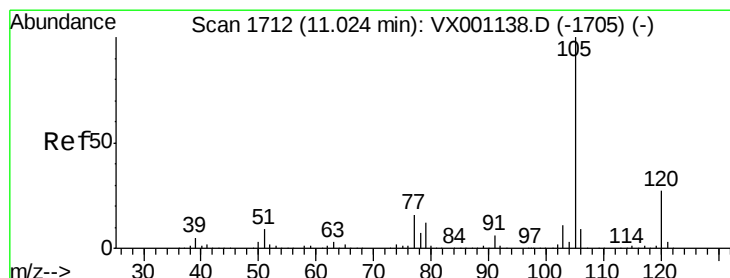
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->



#73

Isopropylbenzene

Concen: 49.04 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001226.D

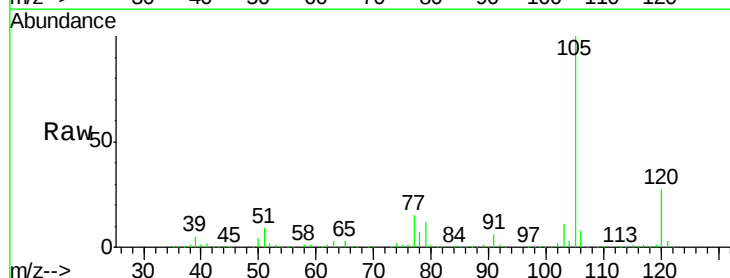
Acq: 28 Apr 2018 20:38

Tgt Ion:105 Resp: 575233

Ion Ratio Lower Upper

105 100

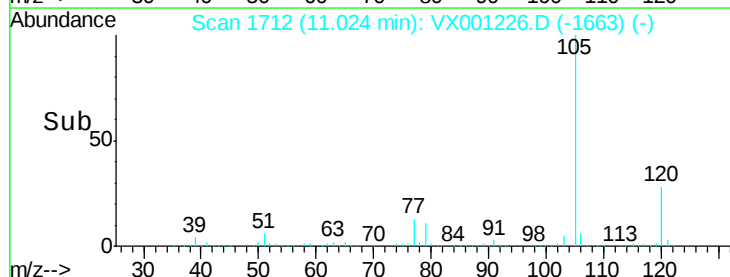
120 27.4 13.6 40.8



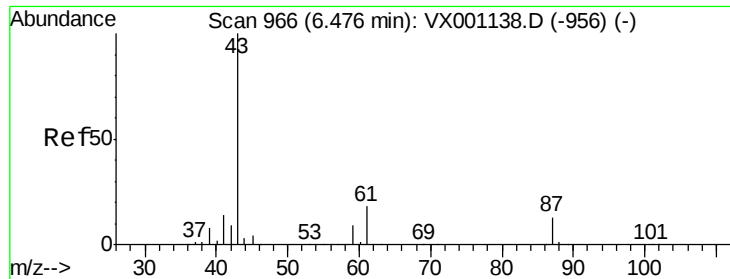
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Time-->



Time-->



#74

N-amvl acetate

Concen: 46.26 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

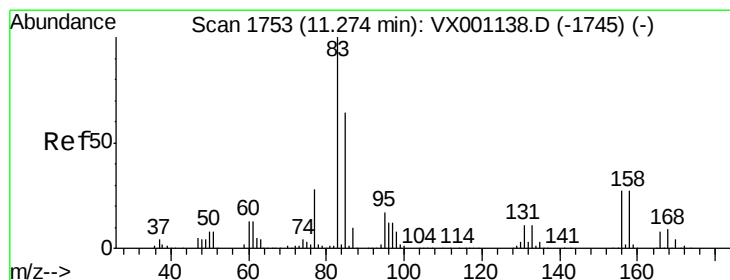
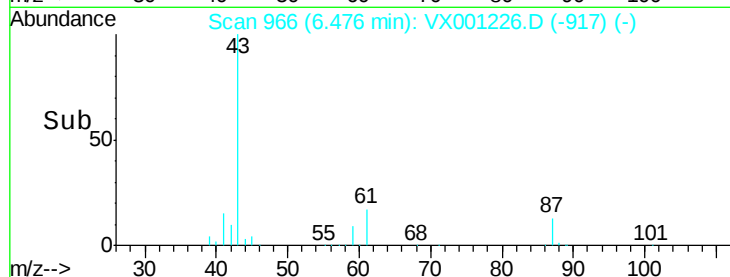
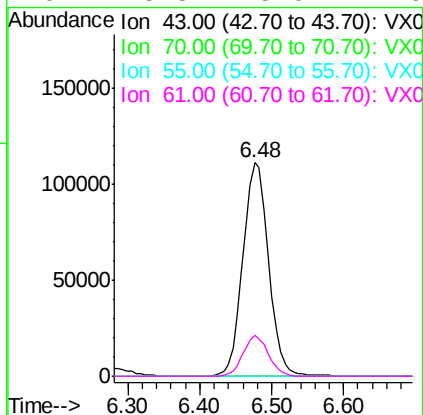
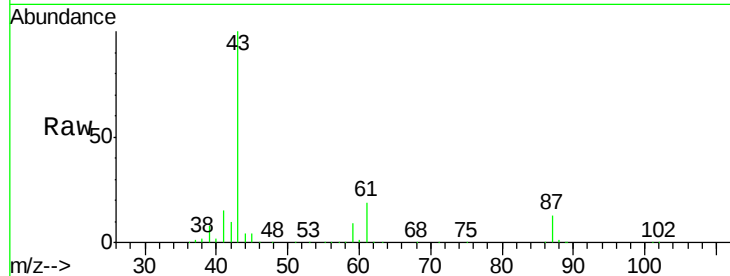
ClientSampleId :

WP022MW102-180423MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 43      | 100  |       | 273429 |       |       |
| 70      | 0.0  | 0.0   | 0.0    |       |       |
| 55      | 0.1  | 0.0   | 0.0    |       |       |
| 61      | 18.8 | 15.0  | 22.6   |       |       |

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#75

1,1,2,2-Tetrachloroethane

Concen: 48.93 ug/l

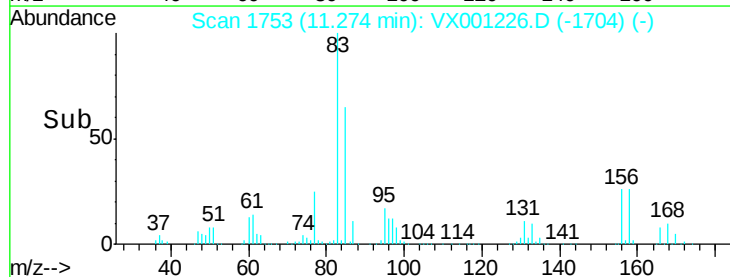
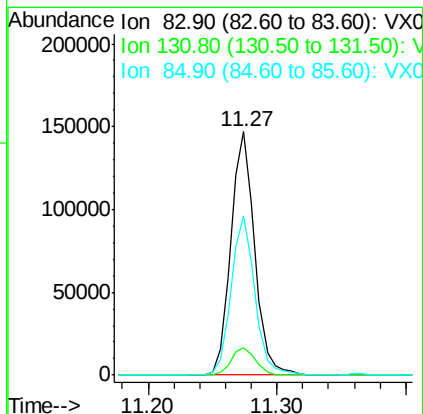
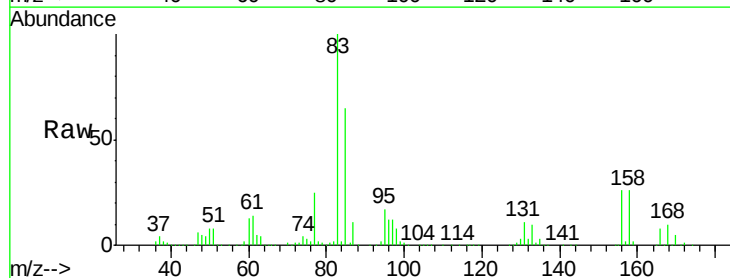
RT: 11.27 min Scan# 1753

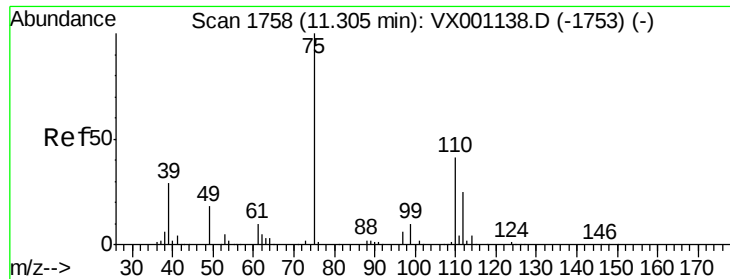
Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 83      | 100  |       | 190438 |       |       |
| 131     | 11.7 | 5.8   | 17.4   |       |       |
| 85      | 65.1 | 32.1  | 96.3   |       |       |





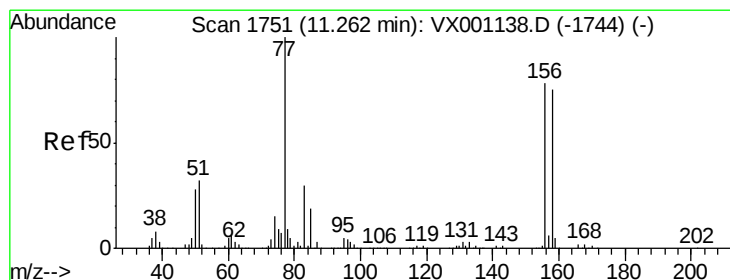
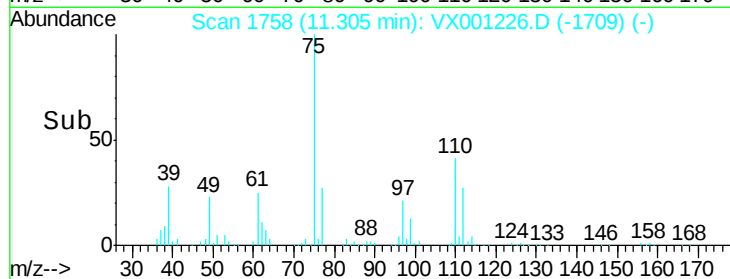
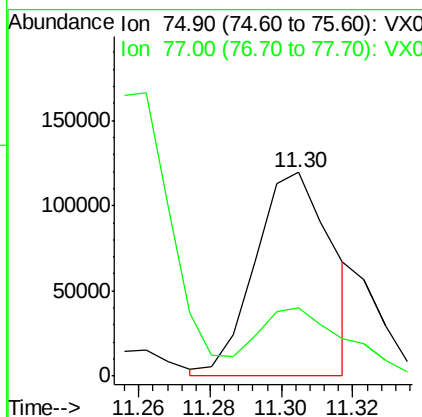
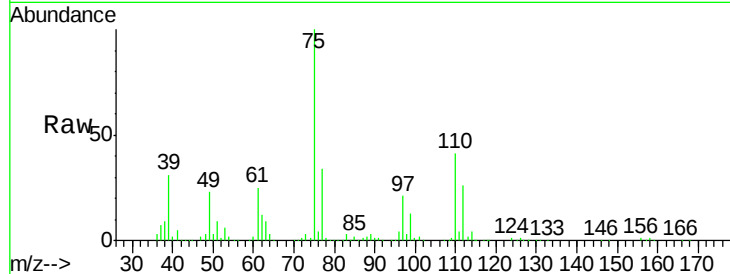
#76  
 1,2,3-Trichloropropane  
 Concen: 48.61 ug/l m  
 RT: 11.30 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

Tot Ion: 75 Resp: 178161  
 Ion Ratio Lower Upper  
 75 100  
 77 38.0 18.9 56.9

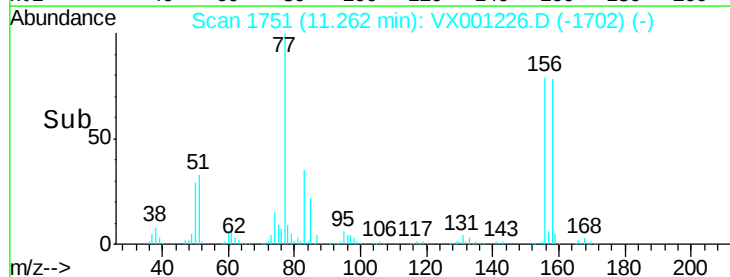
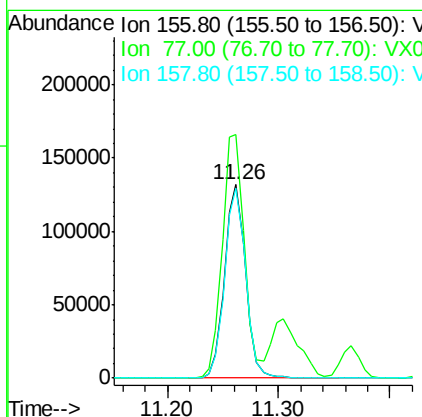
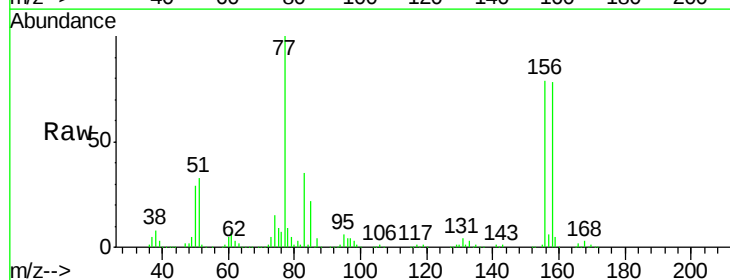
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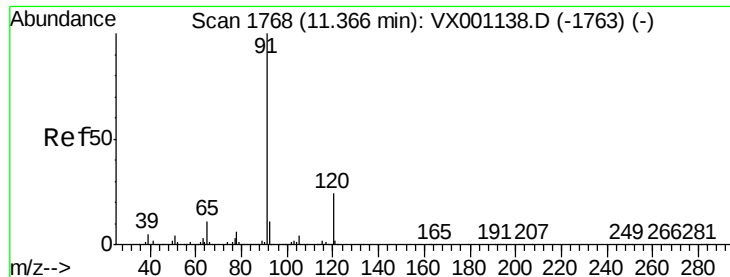
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#77  
 Bromobenzene  
 Concen: 49.48 ug/l  
 RT: 11.26 min Scan# 1751  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Tgt Ion: 156 Resp: 172108  
 Ion Ratio Lower Upper  
 156 100  
 77 133.3 67.8 203.2  
 158 98.4 48.9 146.7





#78

n-propylbenzene

Concen: 49.99 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion: 91 Resp: 653895

Ion Ratio Lower Upper

91 100

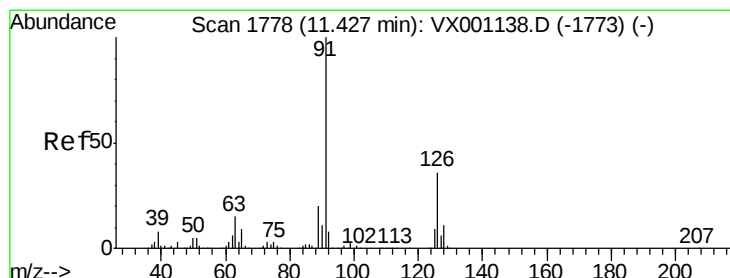
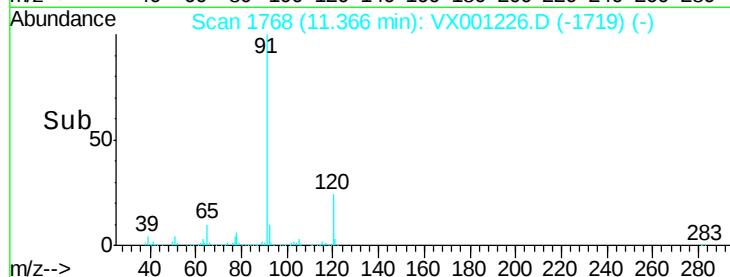
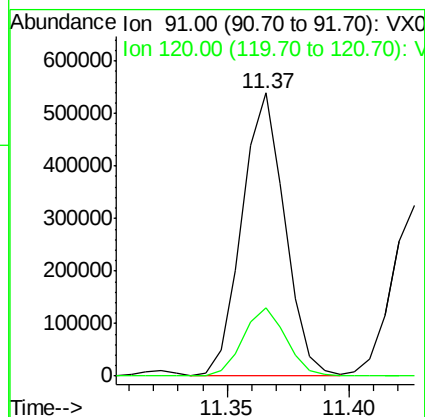
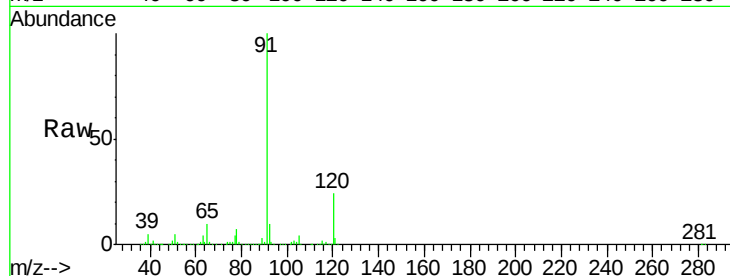
120 24.6 12.2 36.6

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#79

2-Chlorotoluene

Concen: 49.23 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001226.D

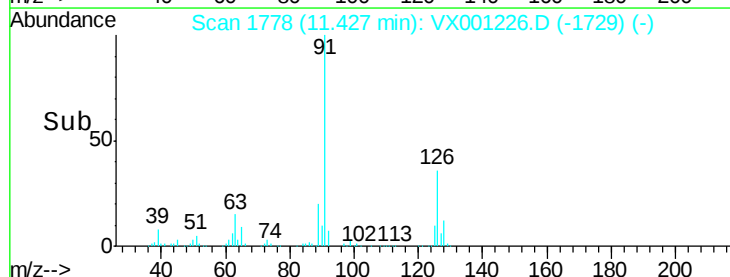
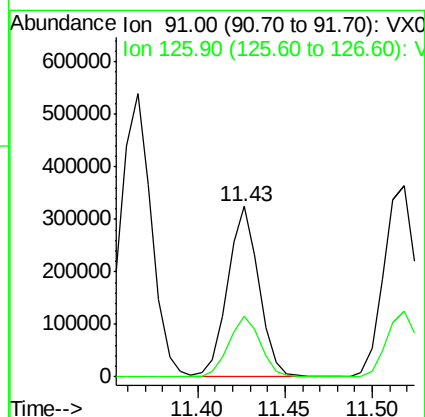
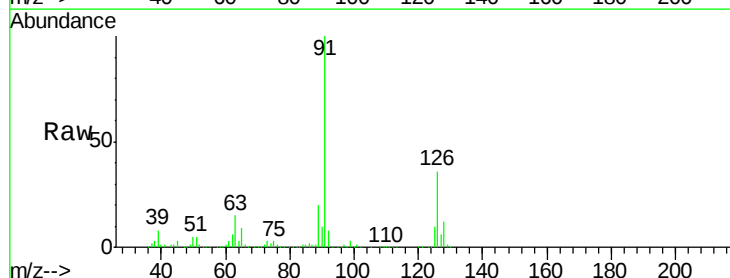
Acq: 28 Apr 2018 20:38

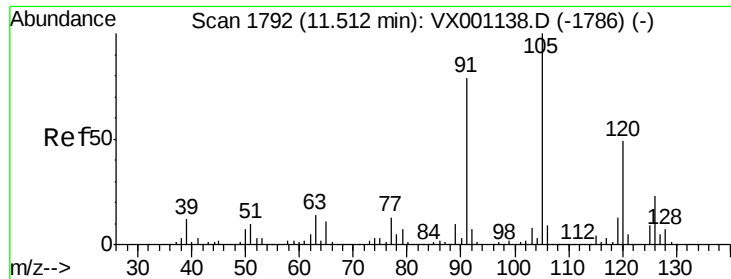
Tgt Ion: 91 Resp: 399153

Ion Ratio Lower Upper

91 100

126 36.4 18.2 54.6





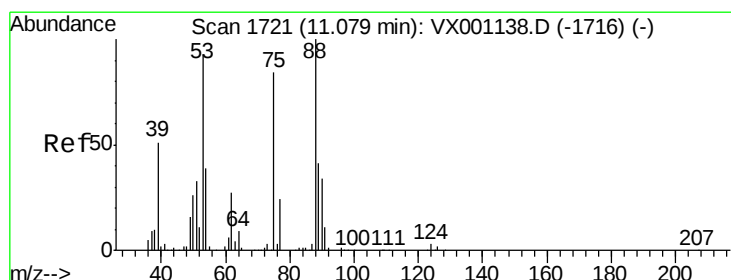
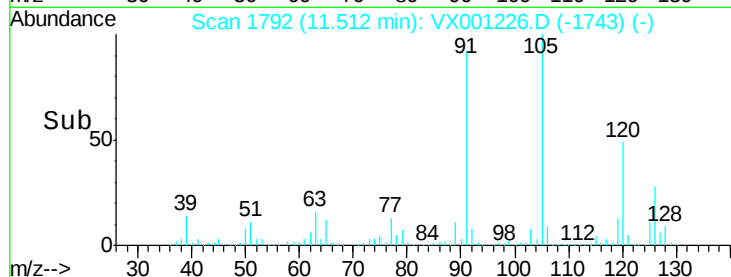
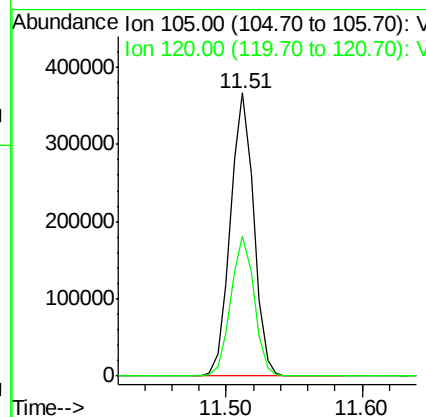
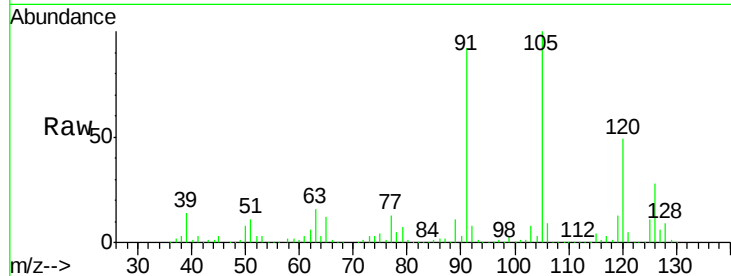
#80  
 1,3,5-Trimethylbenzene  
 Concen: 43.77 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

Tot Ion:105 Resp: 434759  
 Ion Ratio Lower Upper  
 105 100  
 120 49.6 24.6 74.0

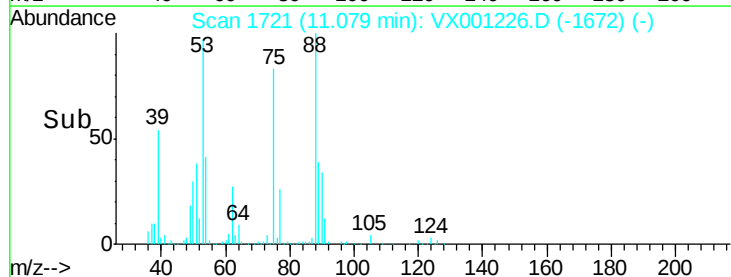
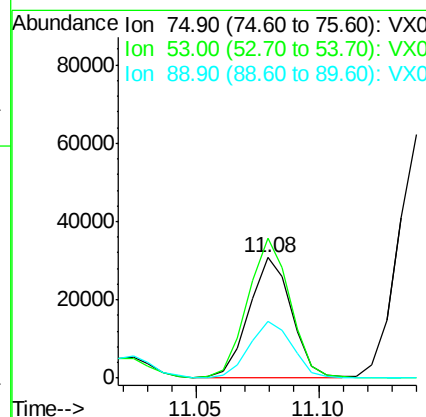
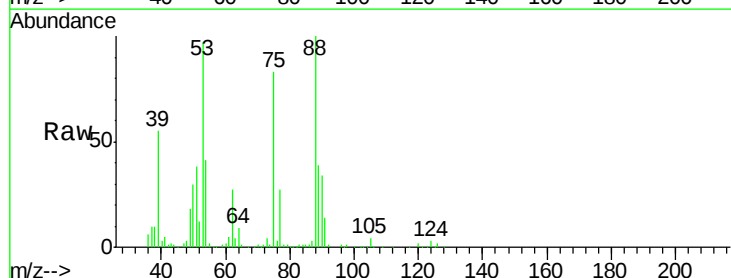
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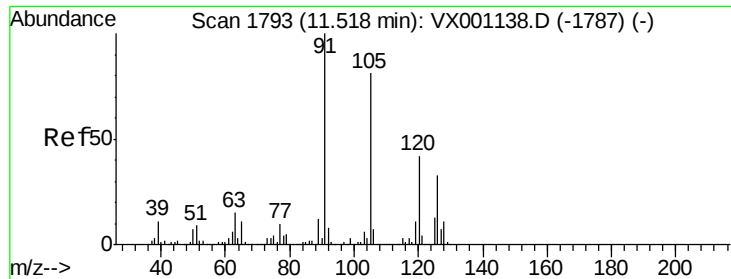
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#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 33.93 ug/l  
 RT: 11.08 min Scan# 1721  
 Delta R.T. 0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Tgt Ion: 75 Resp: 36983  
 Ion Ratio Lower Upper  
 75 100  
 53 117.1 87.9 131.9  
 89 48.7 37.7 56.5





#82

4-Chlorotoluene

Concen: 48.68 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion: 91 Resp: 469177

Ion Ratio Lower Upper

91 100

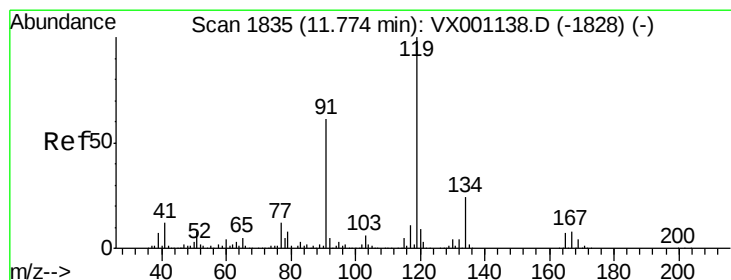
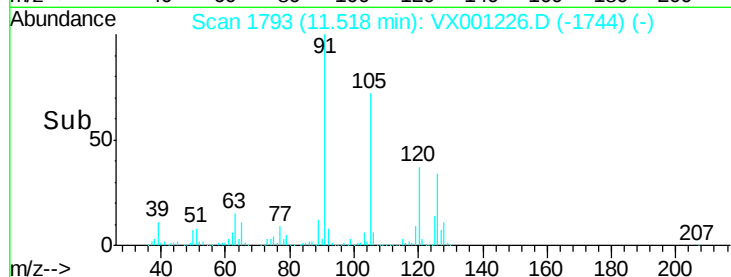
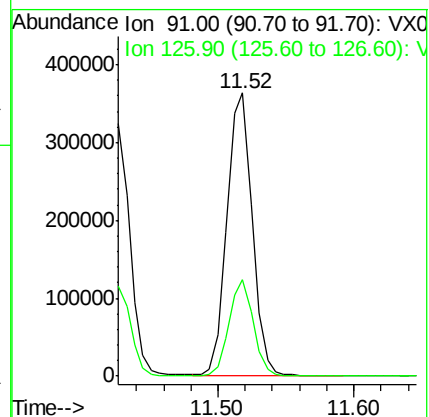
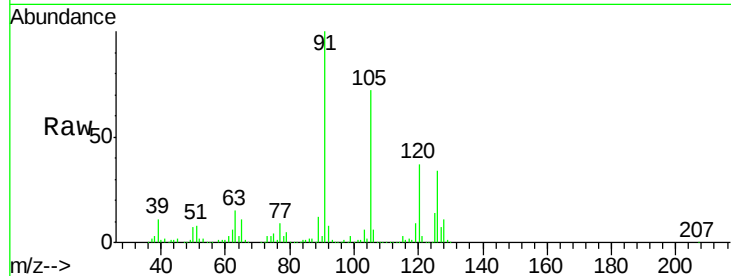
126 32.7 15.8 47.4

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#83

tert-Butylbenzene

Concen: 50.71 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

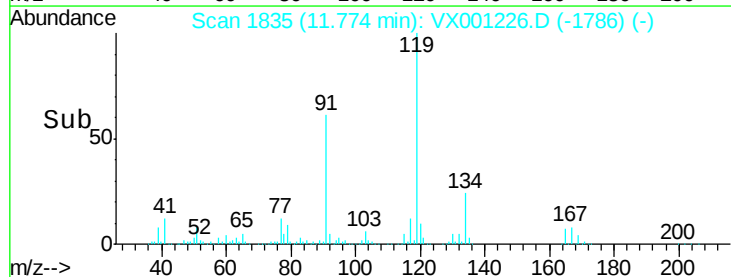
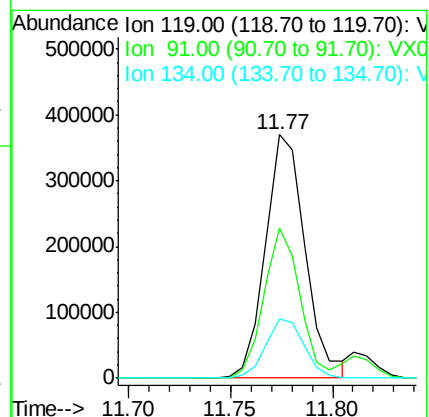
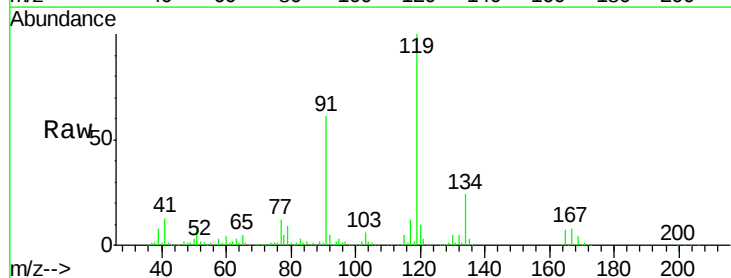
Tgt Ion: 119 Resp: 502652

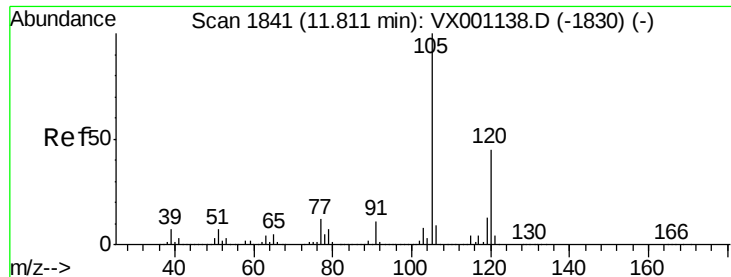
Ion Ratio Lower Upper

119 100

91 55.8 27.6 82.8

134 23.6 11.5 34.5





#84

1,2,4-Trimethylbenzene

Concen: 36.02 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

ClientSampleId :

WP022MW102-180423MSD

Tot Ion:105 Resp: 367692

Ion Ratio Lower Upper

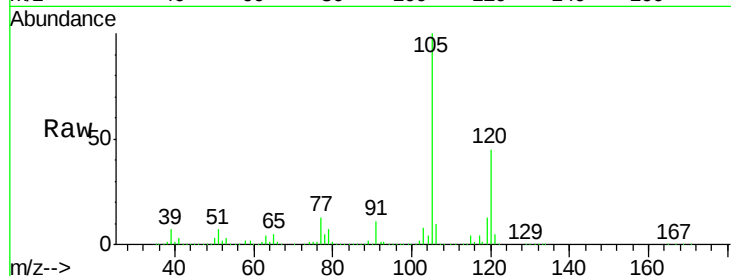
105 100

120 44.9 22.4 67.3

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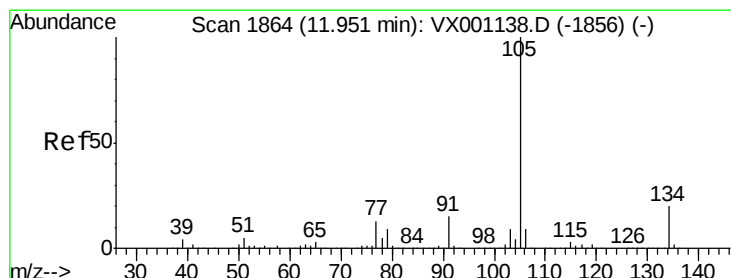
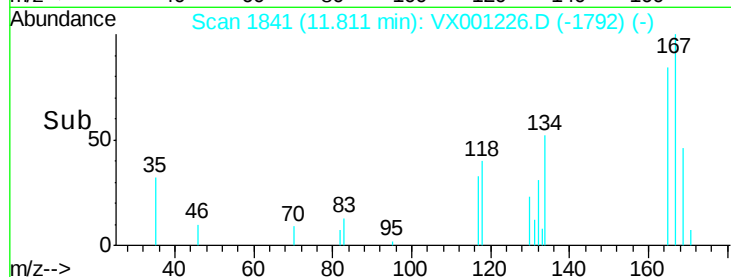
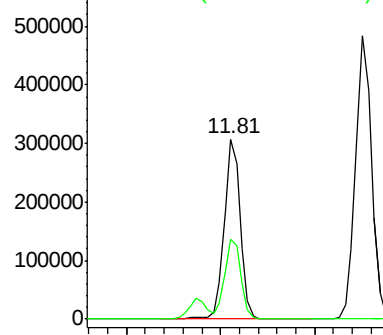
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 49.96 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001226.D

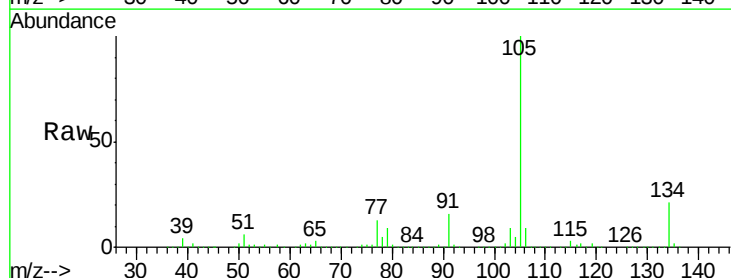
Acq: 28 Apr 2018 20:38

Tgt Ion:105 Resp: 578498

Ion Ratio Lower Upper

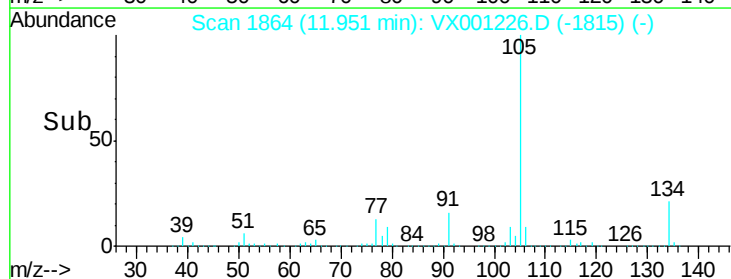
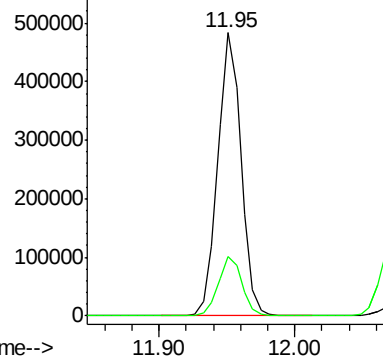
105 100

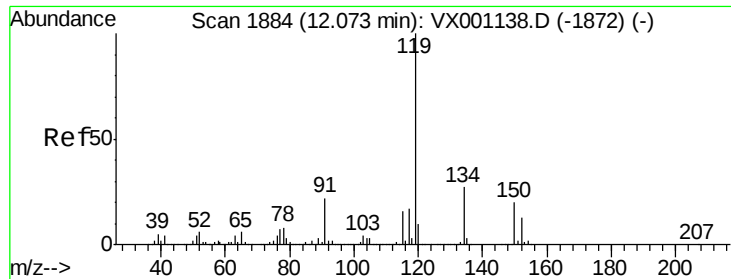
134 21.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 46.76 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

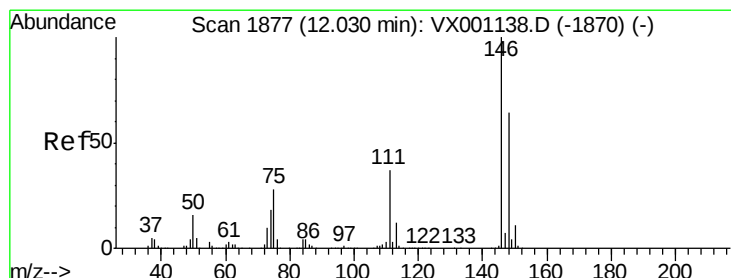
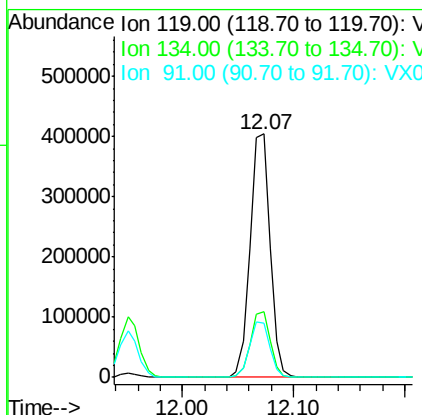
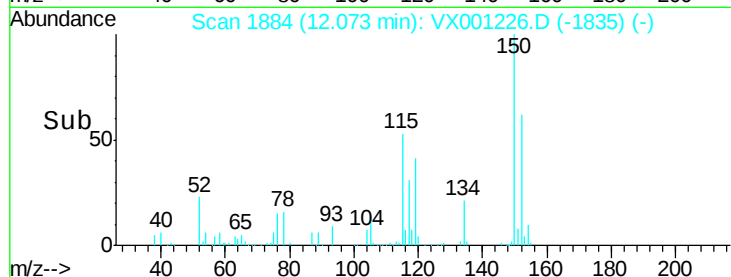
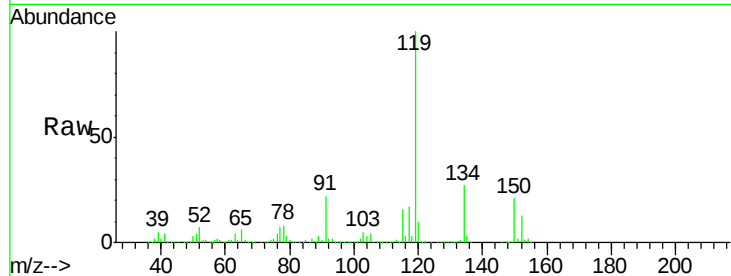
ClientSampleId :

WP022MW102-180423MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 503592 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 134       | 26.9  | 13.4  | 40.1   |
| 91        | 23.2  | 11.6  | 34.8   |

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#87

1,3-Dichlorobenzene

Concen: 50.72 ug/l

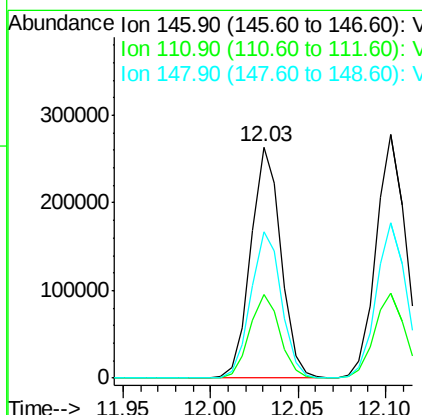
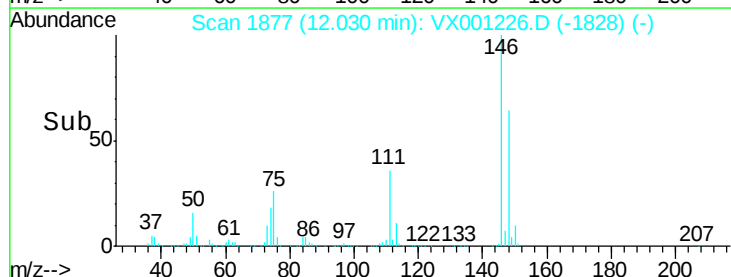
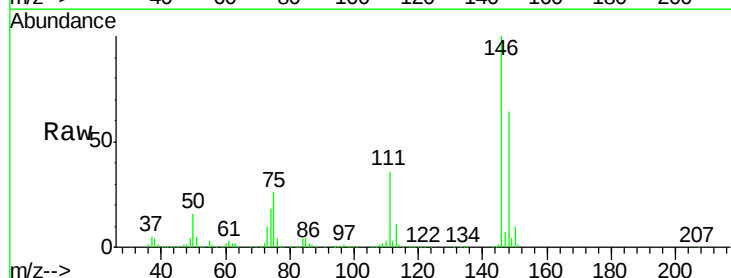
RT: 12.03 min Scan# 1877

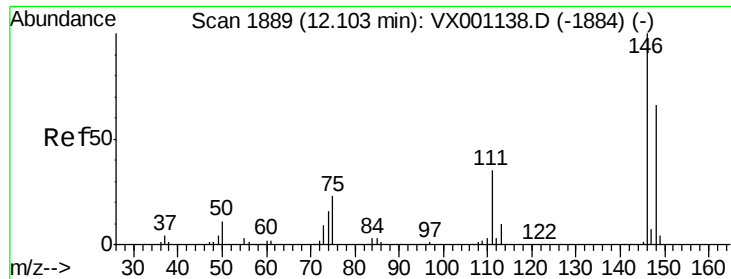
Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 316762 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 36.4  | 18.6  | 56.0   |
| 148       | 64.4  | 32.3  | 96.8   |





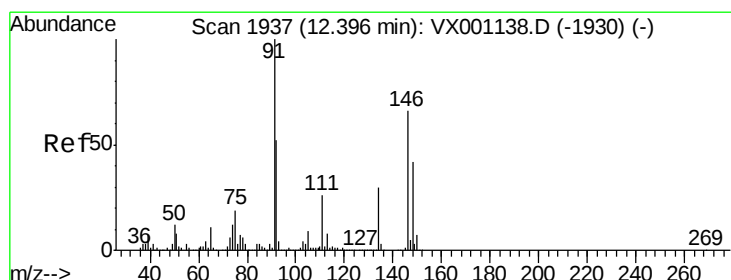
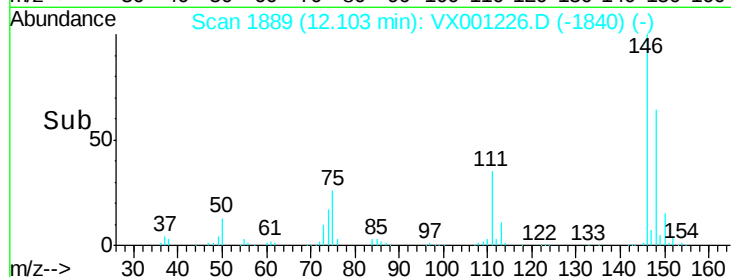
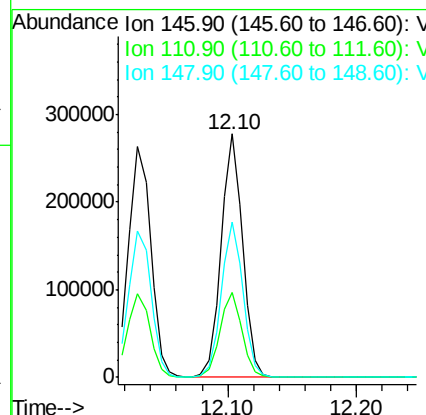
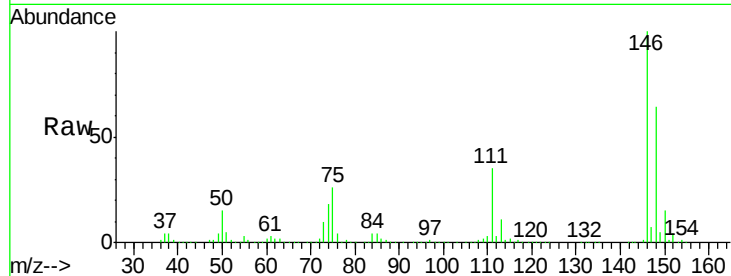
#88  
 1,4-Dichlorobenzene  
 Concen: 50.45 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.8  | 18.0  | 54.0  |
| 148     | 64.5  | 32.5  | 97.5  |

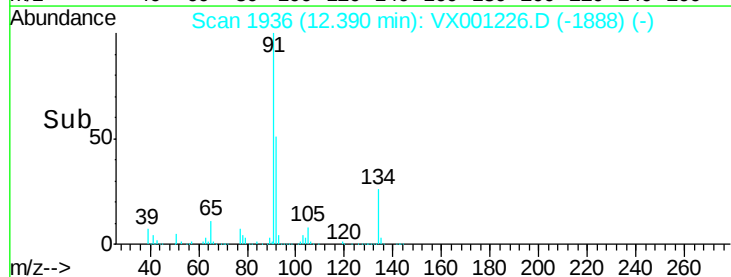
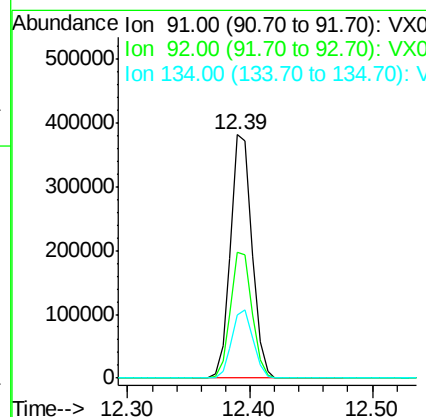
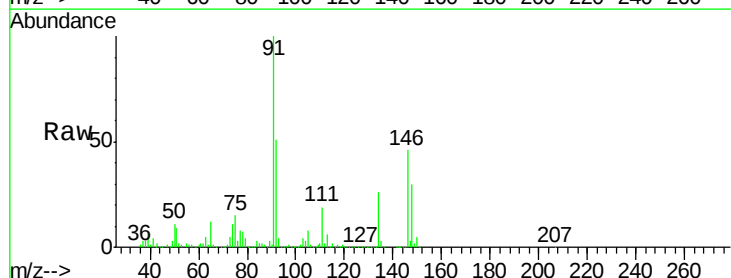
Manual Integrations  
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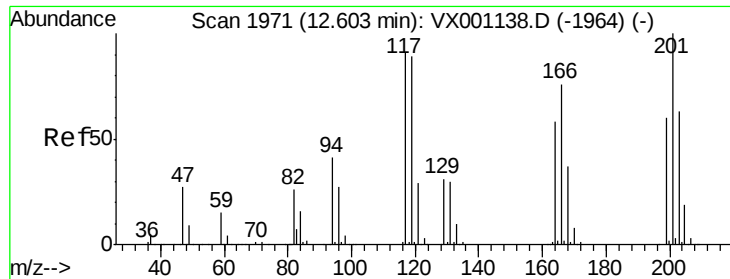
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#89  
 n-Butylbenzene  
 Concen: 49.53 ug/l  
 RT: 12.39 min Scan# 1936  
 Delta R.T. -0.01 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.9  | 26.2  | 78.6  |
| 134     | 27.9  | 14.1  | 42.3  |





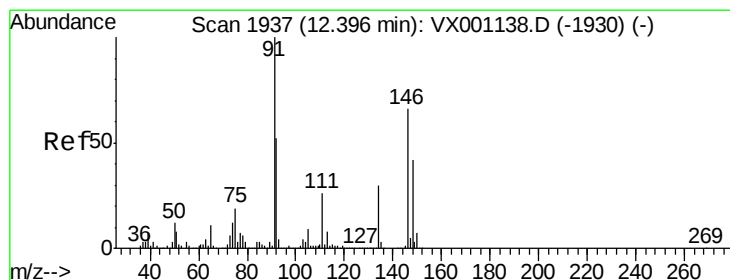
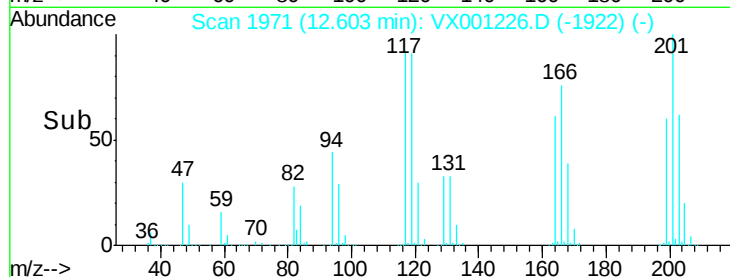
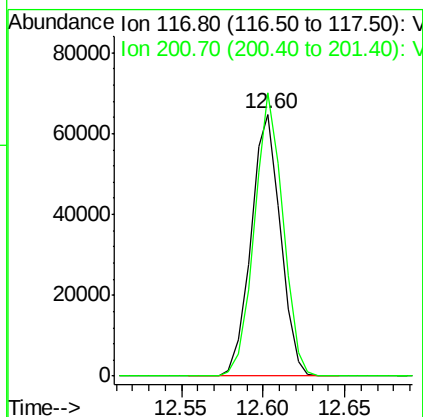
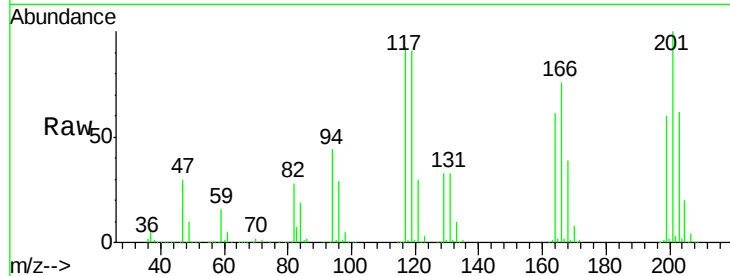
#90  
Hexachloroethane  
Concen: 47.21 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022MW102-180423MSD

Tot Ion:117 Resp: 81701  
Ion Ratio Lower Upper  
117 100  
201 104.4 51.8 155.4

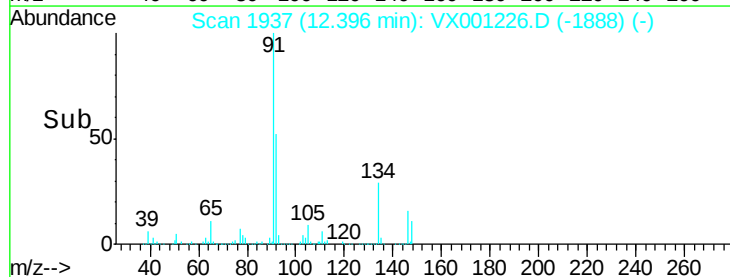
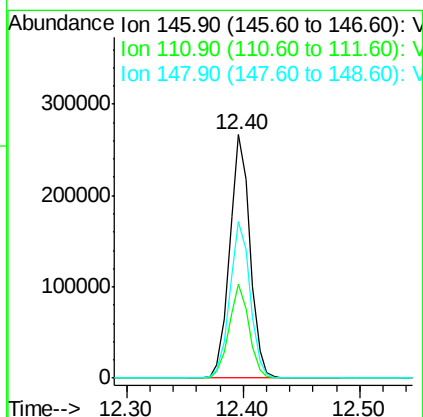
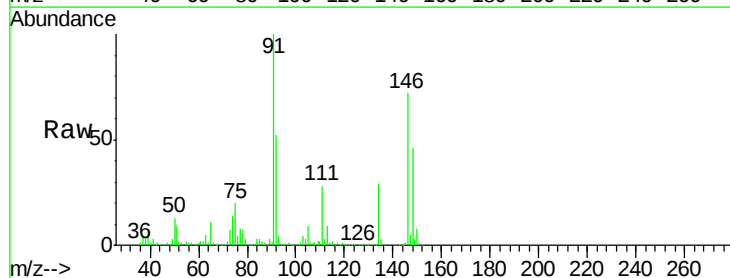
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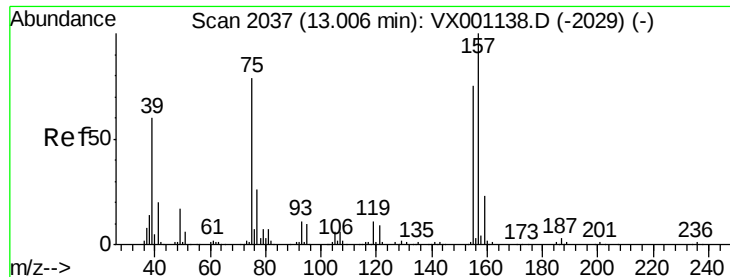
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#91  
1,2-Dichlorobenzene  
Concen: 51.07 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VX001226.D  
Acq: 28 Apr 2018 20:38

Tgt Ion:146 Resp: 322347  
Ion Ratio Lower Upper  
146 100  
111 37.9 19.1 57.3  
148 64.4 32.2 96.6





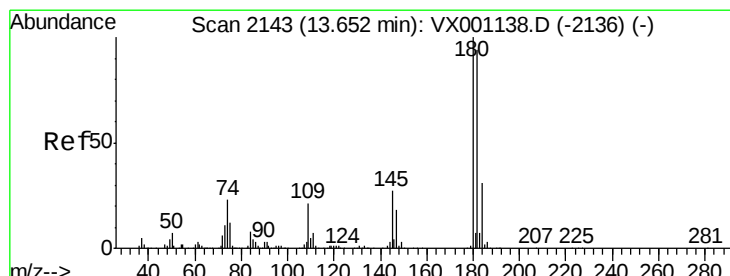
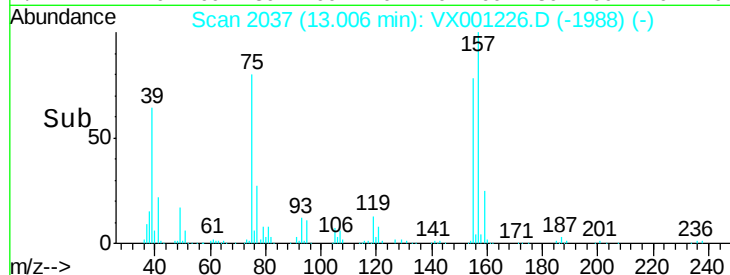
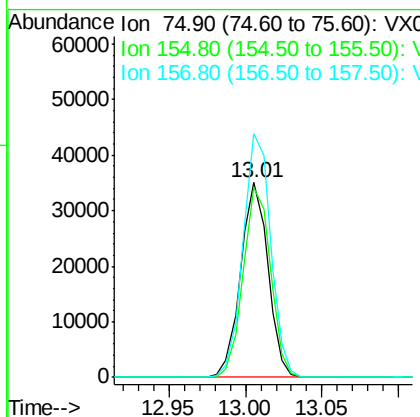
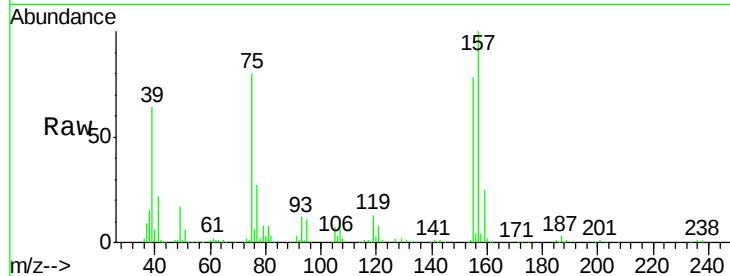
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.54 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 98.0  | 48.4  | 145.3 |
| 157     | 127.0 | 62.7  | 188.1 |

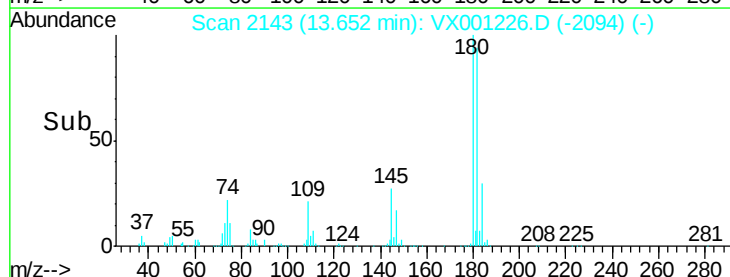
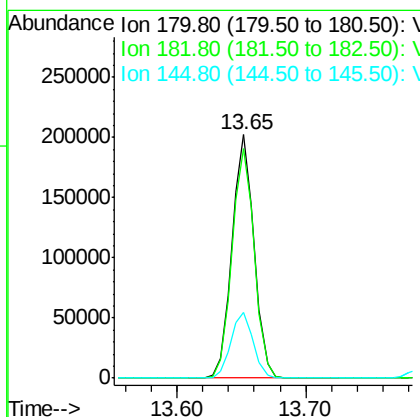
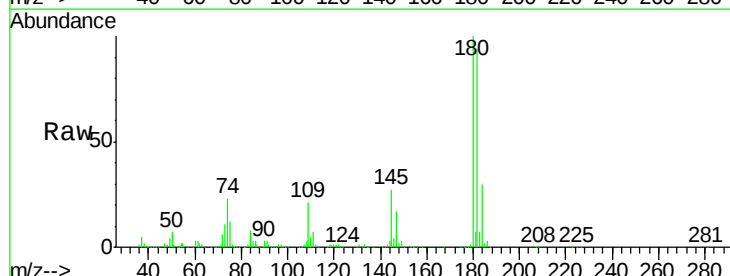
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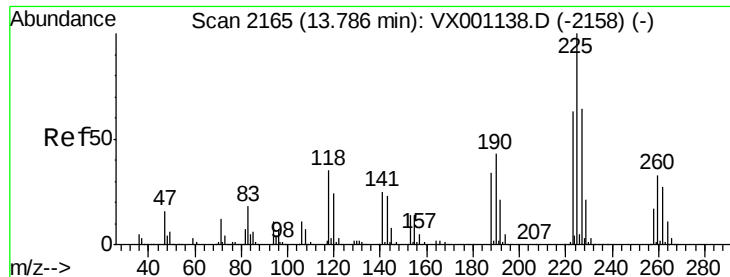
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#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.65 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.9  | 47.9  | 143.6 |
| 145     | 27.5  | 13.8  | 41.4  |





#94

Hexachlorobutadiene

Concen: 46.42 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

Instrument :

MSVOA\_X

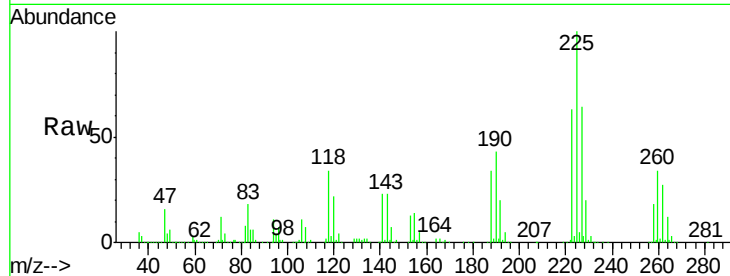
ClientSampleId :

WP022MW102-180423MSD

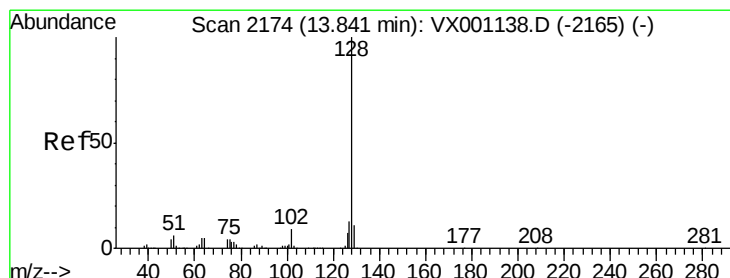
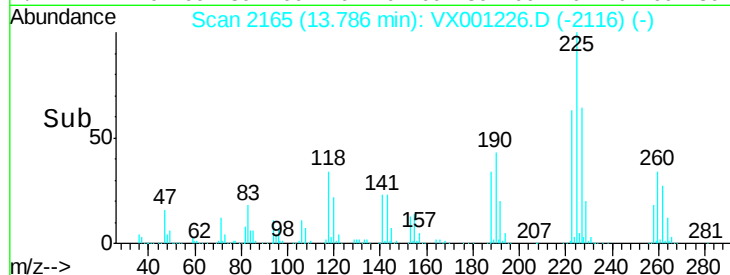
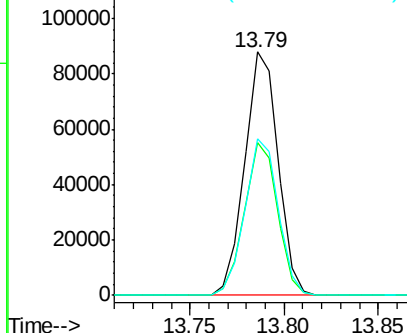
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 225   | Resp: | 107974 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.3  | 31.3  | 93.9   |
| 227       | 64.5  | 32.2  | 96.6   |

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Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 48.79 ug/l

RT: 13.84 min Scan# 2174

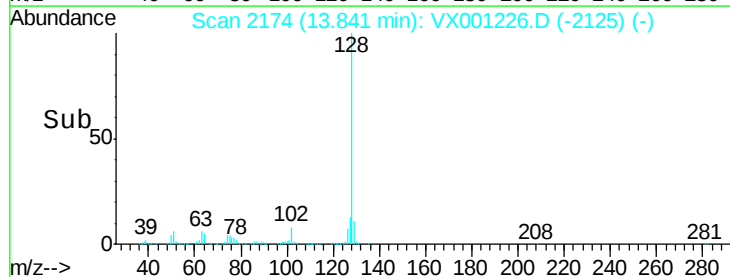
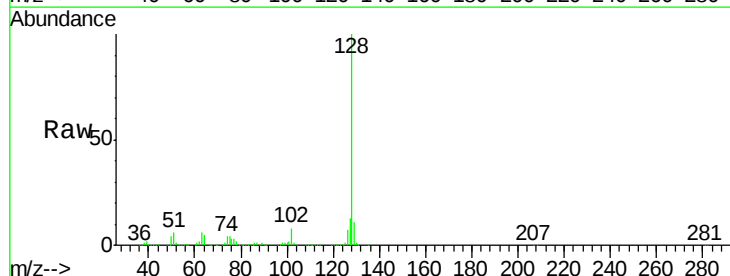
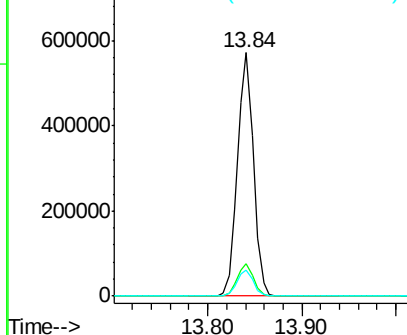
Delta R.T. -0.00 min

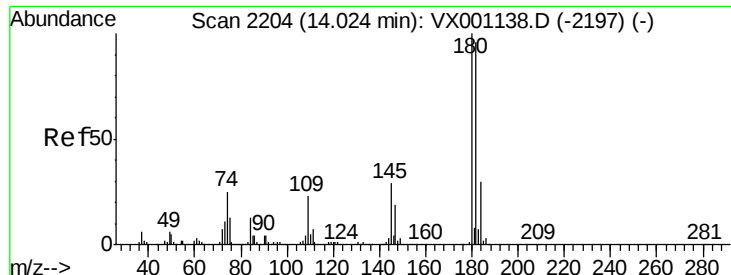
Lab File: VX001226.D

Acq: 28 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 672653 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.2  | 10.6  | 15.8   |
| 129       | 11.0  | 8.8   | 13.2   |

Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V





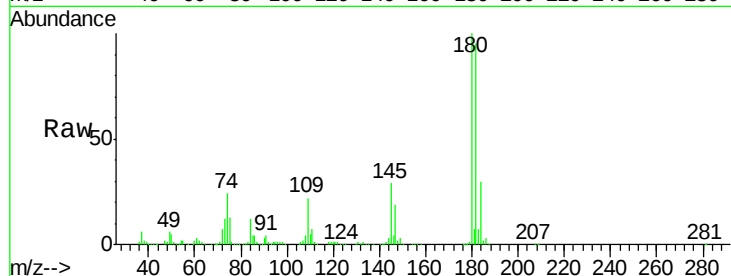
#96  
 1,2,3-Trichlorobenzene  
 Concen: 48.95 ug/l  
 RT: 14.02 min Scan# 2204  
 Delta R.T. -0.00 min  
 Lab File: VX001226.D  
 Acq: 28 Apr 2018 20:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022MW102-180423MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.6  | 48.2       | 144.6 |
| 145     | 28.7  | 14.5       | 43.5  |

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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

