

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\  
 Data File : VX002186.D  
 Acq On : 31 May 2018 19:57  
 Operator : JC/MD  
 Sample : VX0531WBSD03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0531WBSD03

Manual Integrations  
 APPROVED

MMDadoda  
 6/1/2018 6:37:12 PM

Quant Time: Jun 01 03:56:38 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X052418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 24 13:09:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 263328   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 370304   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 341742   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 227026   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 204451   | 43.44 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 86.88% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 157646   | 42.57 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 85.14% |      |
| 50) Toluene-d8            | 8.72   | 98  | 567962   | 42.37 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 84.74% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 222035   | 42.33 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 84.66% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 58445   | 16.367  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 74663   | 18.428  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 78348   | 20.027  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 46152   | 25.152  | ug/l | 100    |
| 6) Chloroethane               | 1.72 | 64  | 51869   | 22.492  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 132087  | 22.483  | ug/l | 100    |
| 8) Diethyl Ether              | 2.19 | 74  | 51664   | 24.237  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 75551   | 23.046  | ug/l | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 84096   | 18.959  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 113588  | 122.937 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 67298   | 21.926  | ug/l | 95     |
| 13) Acrolein                  | 2.30 | 56  | 29739   | 74.444  | ug/l | 98     |
| 14) Allyl chloride            | 2.73 | 41  | 146474  | 22.735  | ug/l | 97     |
| 15) Acrylonitrile             | 3.15 | 53  | 229130  | 120.596 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 247990  | 136.515 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 156244  | 17.688  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 117509  | 26.314  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 276576  | 23.958  | ug/l | 100    |
| 20) Methylene Chloride        | 2.86 | 84  | 81434   | 25.059  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 71868   | 23.204  | ug/l | 97     |
| 22) Diisopropyl ether         | 3.88 | 45  | 266827  | 20.361  | ug/l | 100    |
| 23) Vinyl Acetate             | 3.83 | 43  | 1160635 | 106.818 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 146819  | 23.585  | ug/l | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 332203  | 99.777  | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 109889  | 17.440  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 77540   | 19.374  | ug/l | 96     |
| 28) Bromochloromethane        | 5.03 | 49  | 65551   | 23.996  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.17 | 42  | 209989  | 96.939  | ug/l | 99     |
| 30) Chloroform                | 5.22 | 83  | 137725  | 19.637  | ug/l | 99     |
| 31) Cyclohexane               | 5.58 | 56  | 119773  | 18.467  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 119201  | 18.231  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 97870   | 19.001  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.87 | 43  | 125451  | 18.682  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 103511  | 17.233  | ug/l | 95     |

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 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 Client Sampled :  
 VX0531WBSD03

Manual Integrations  
 APPROVED

MMDadoda  
 6/1/2018 6:37:12 PM

Quant Time: Jun 01 03:56:38 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X052418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 24 13:09:03 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 122462   | 19.352  | ug/l   | 100      |
| 40) Benzene                    | 6.15  | 78   | 297381   | 19.707  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 71217    | 19.260  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 119986   | 19.906  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.47  | 43   | 212156   | 18.961  | ug/l   | 100      |
| 44) Trichloroethene            | 7.22  | 130  | 84350    | 19.182  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 81519    | 19.892  | ug/l   | 98       |
| 46) Dibromomethane             | 7.67  | 93   | 53560    | 19.740  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 98567    | 17.038  | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.78  | 41   | 106550   | 18.711  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 41438    | 412.933 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 682337   | 101.165 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 190084   | 19.793  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 121232   | 18.194  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 113286   | 17.448  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 80672    | 20.108  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 129942   | 18.831  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 135327   | 20.476  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 278433   | 91.036  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 533522   | 102.586 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 79517    | 16.734  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 84036    | 19.963  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 94168    | 19.219  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 217239   | 20.064  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 79415    | 18.164  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 372411   | 19.797  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.37 | 106  | 286829   | 39.887  | ug/l   | 99       |
| 69) o-Xylene                   | 10.71 | 106  | 142134   | 19.796  | ug/l   | 100      |
| 70) Styrene                    | 10.72 | 104  | 233552   | 19.614  | ug/l   | 100      |
| 71) Bromoform                  | 10.86 | 173  | 59640    | 14.386  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 381820   | 19.861  | ug/l   | 99       |
| 74) N-amyl acetate             | 6.47  | 43   | 212156   | 19.338  | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 116694   | 21.471  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 121865m  | 22.348  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 102879   | 20.170  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.37 | 91   | 427962   | 19.876  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 257049   | 20.398  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 321390   | 19.562  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 32072    | 14.136  | ug/l # | 83       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 298262   | 19.640  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 313781   | 19.463  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 332472   | 19.582  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 388690   | 20.056  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 343454   | 19.805  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 181489   | 19.868  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 183228   | 20.063  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 290569   | 19.774  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 50733    | 14.831  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 188561   | 20.260  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 26768    | 15.661  | ug/l   | 99       |

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Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

Manual Integrations  
APPROVED

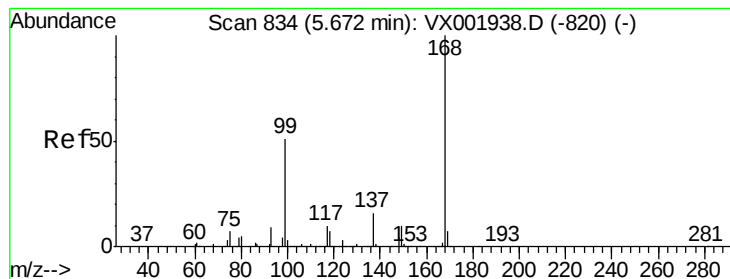
MMDadoda  
6/1/2018 6:37:12 PM

Quant Time: Jun 01 03:56:38 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X052418W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 24 13:09:03 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 131382   | 19.741 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 70123    | 19.587 | ug/l  | 98       |
| 95) Naphthalene            | 13.84 | 128  | 410682   | 20.029 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 137853   | 20.018 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion:168 Resp: 263328

Ion Ratio Lower Upper

168 100

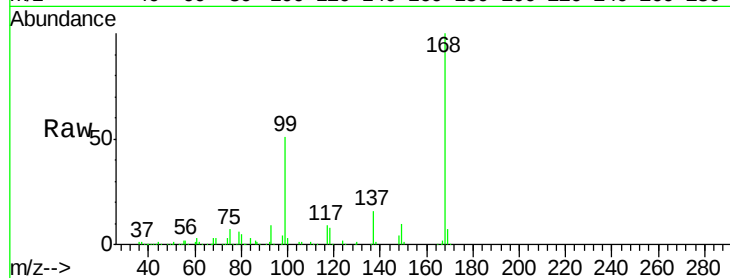
99 50.7 41.0 61.4

Manual Integrations

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6/1/2018 6:37:12 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

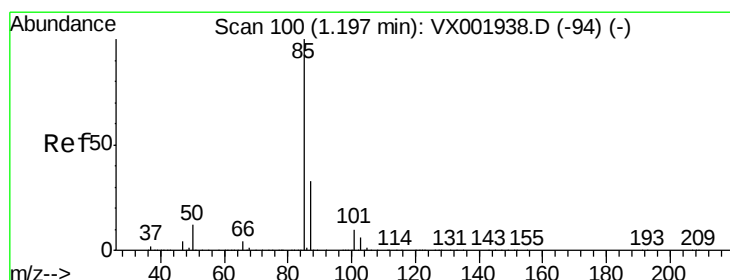
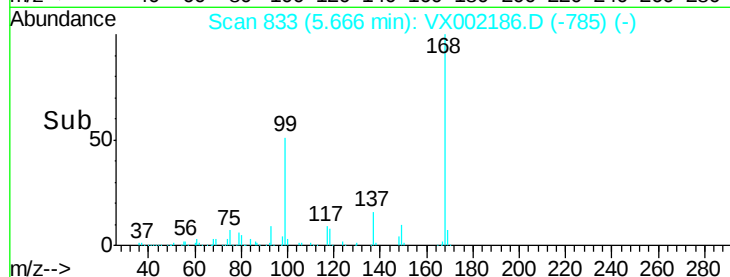
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.367 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002186.D

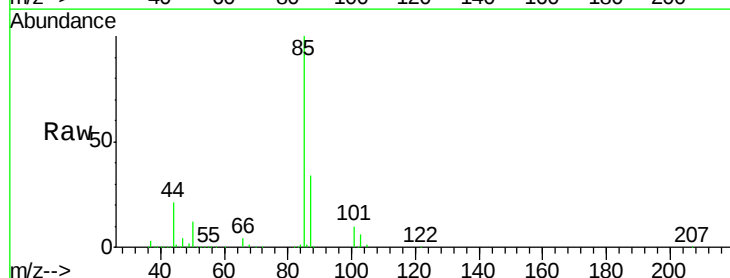
Acq: 31 May 2018 19:57

Tgt Ion: 85 Resp: 58445

Ion Ratio Lower Upper

85 100

87 34.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

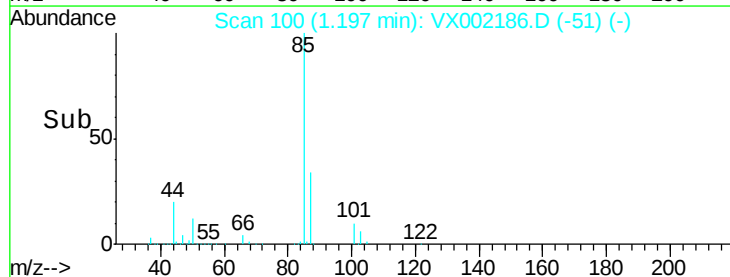
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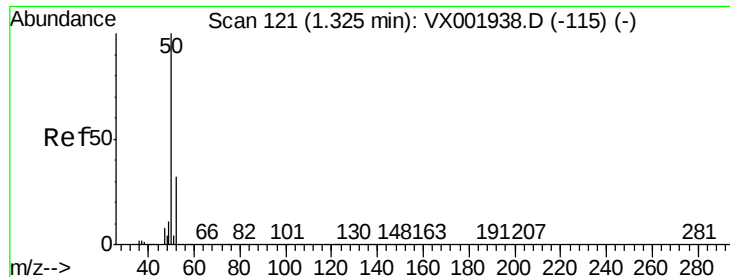
40000

20000

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Time-->





#3

Chloromethane

Concen: 18.428 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion: 50 Resp: 74663

Ion Ratio Lower Upper

50 100

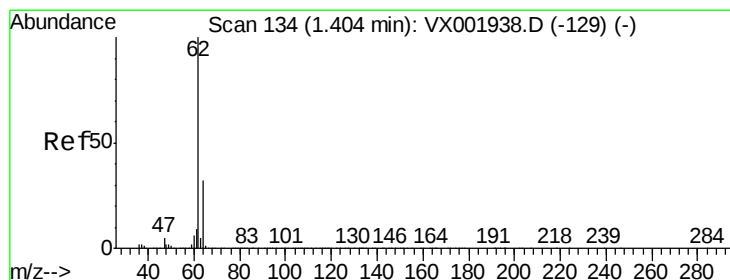
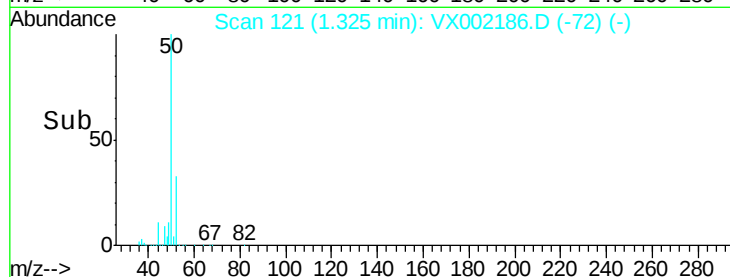
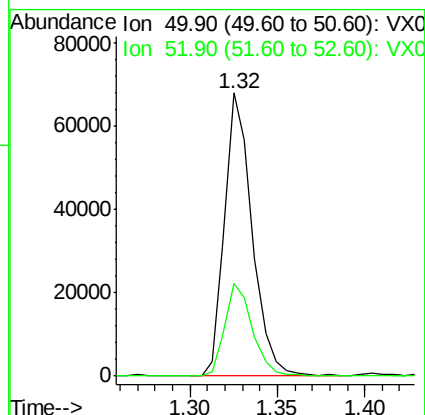
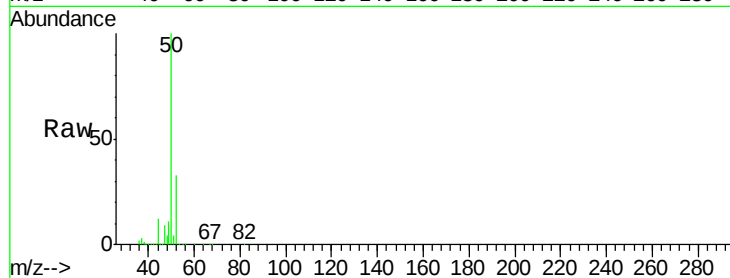
52 32.9 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

6/1/2018 6:37:12 PM



#4

Vinyl Chloride

Concen: 20.027 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002186.D

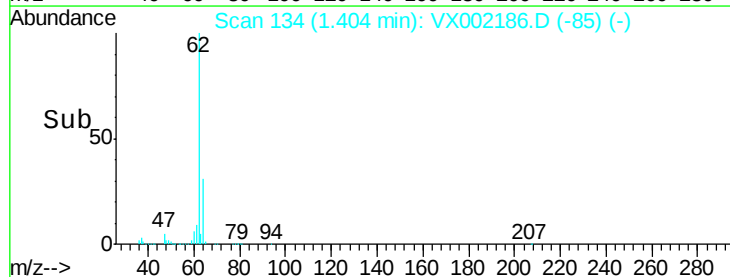
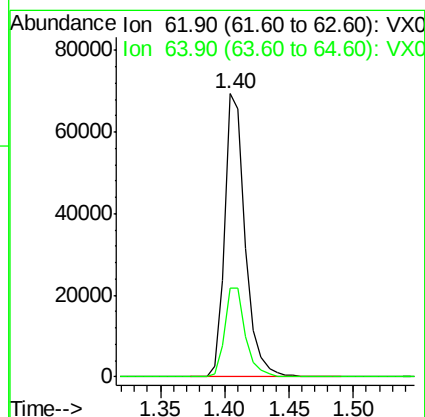
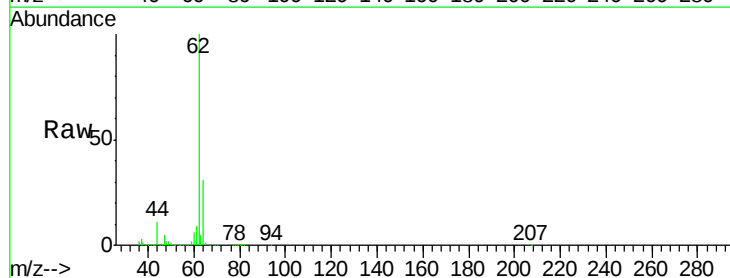
Acq: 31 May 2018 19:57

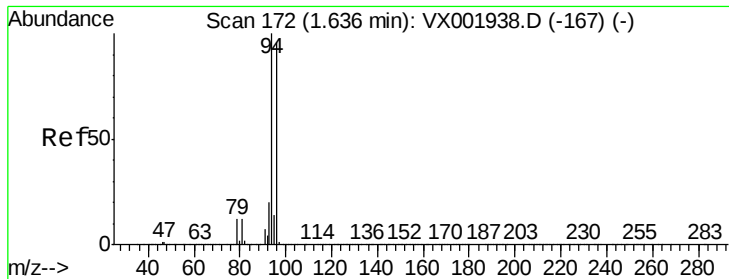
Tgt Ion: 62 Resp: 78348

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 25.152 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion: 94 Resp: 46152

Ion Ratio Lower Upper

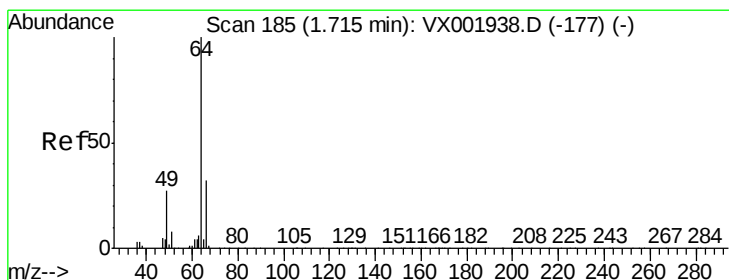
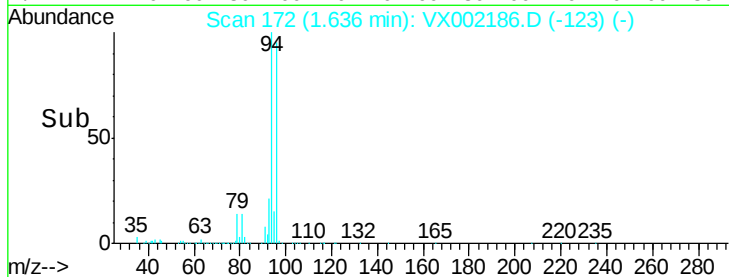
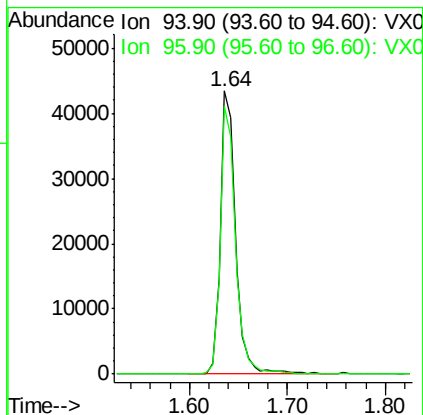
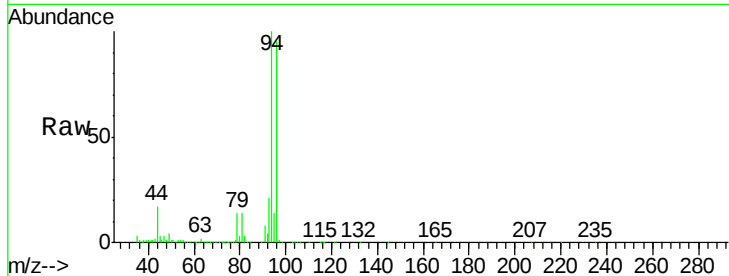
94 100

96 94.6 75.9 113.9

Manual Integrations  
APPROVED

MMDadoda

6/1/2018 6:37:12 PM



#6

Chloroethane

Concen: 22.492 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002186.D

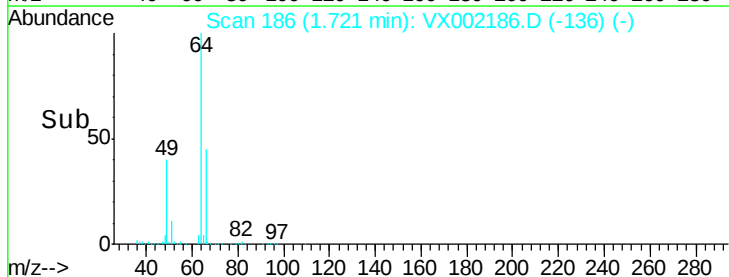
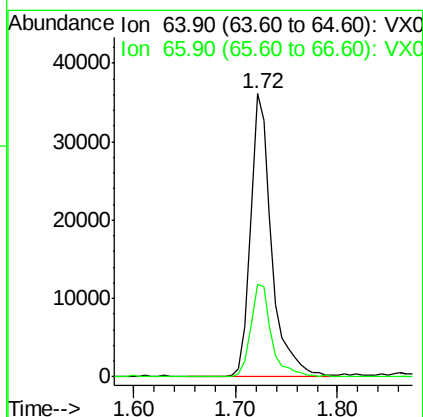
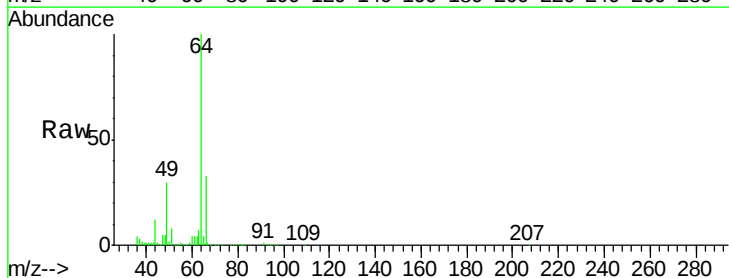
Acq: 31 May 2018 19:57

Tgt Ion: 64 Resp: 51869

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4





#7

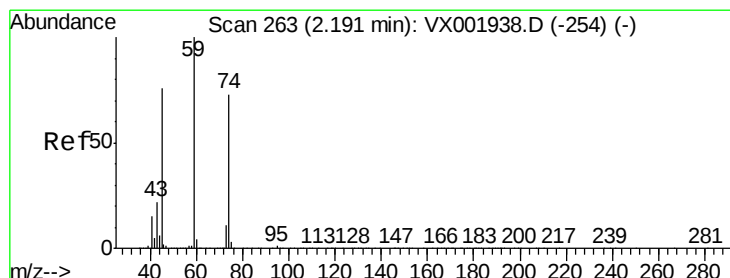
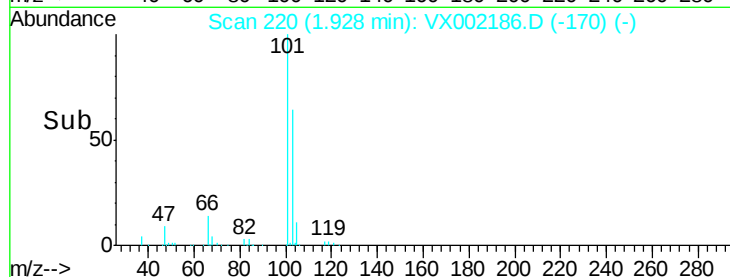
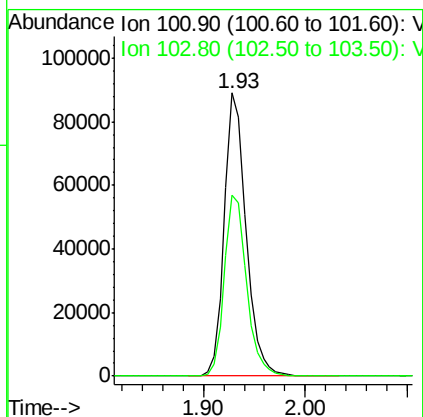
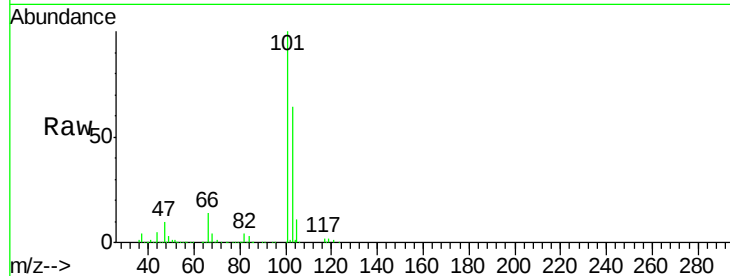
Trichlorofluoromethane  
Concen: 22.483 ug/l  
RT: 1.93 min Scan# 220  
Delta R.T. 0.01 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.0  | 51.4  | 77.0  |

Manual Integrations  
APPROVED

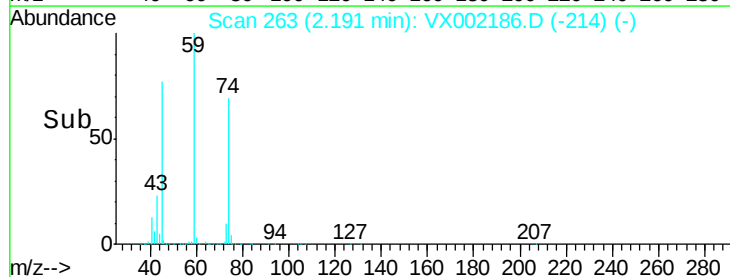
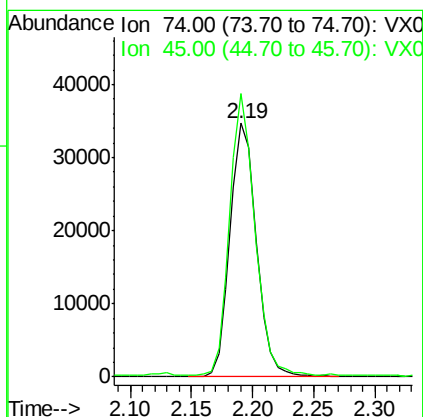
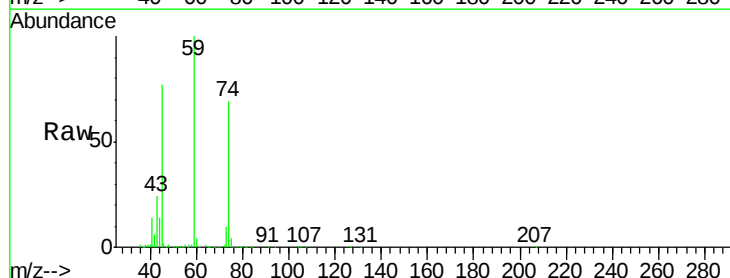
MMDadoda  
6/1/2018 6:37:12 PM



#8

Diethyl Ether  
Concen: 24.237 ug/l  
RT: 2.19 min Scan# 263  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 105.7 | 51.5  | 154.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.046 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

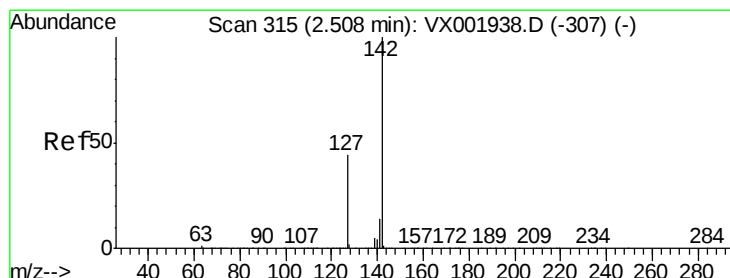
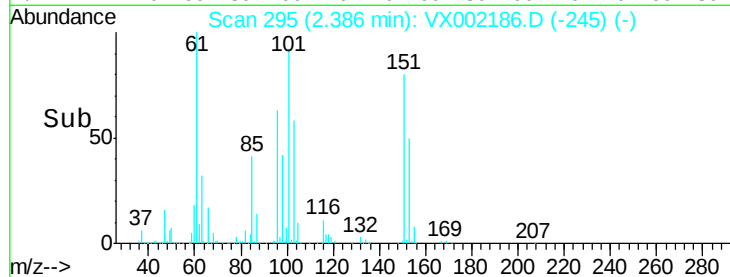
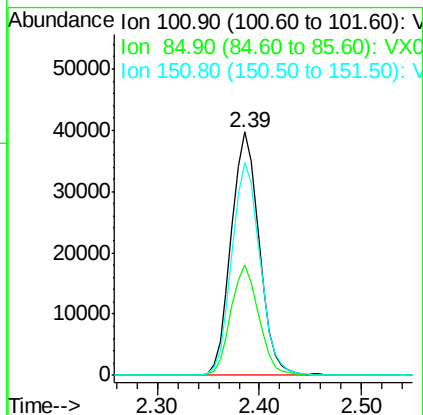
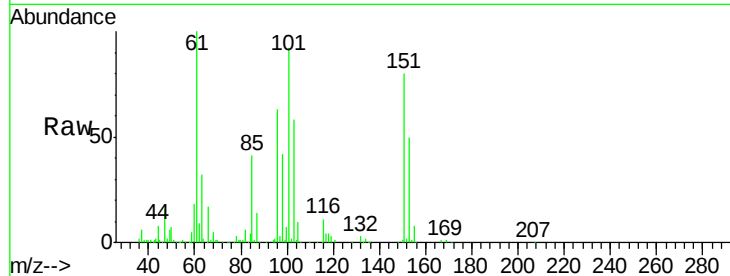
ClientSampleId :

VX0531WBSD03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 75551 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.0  | 35.6  | 53.4  |
| 151       | 88.3  | 73.2  | 109.8 |

Manual Integrations  
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6/1/2018 6:37:12 PM



#10

Methyl Iodide

Concen: 18.959 ug/l

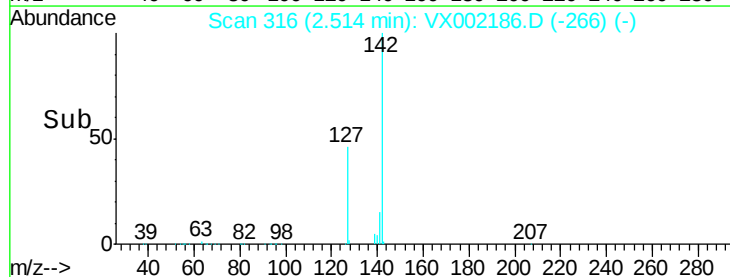
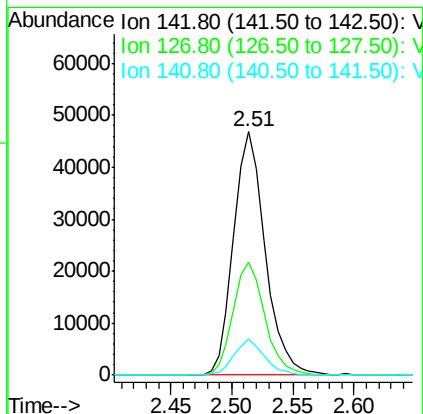
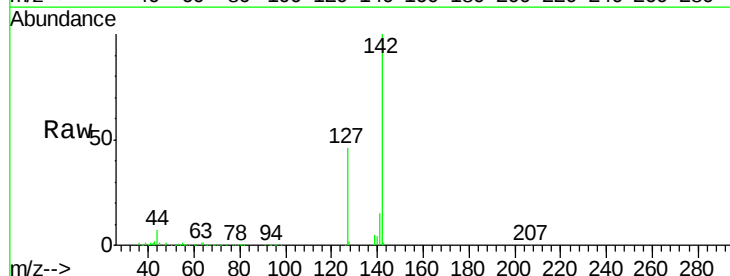
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 84096 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.6  | 35.5  | 53.3  |
| 141       | 14.7  | 11.3  | 16.9  |





#11

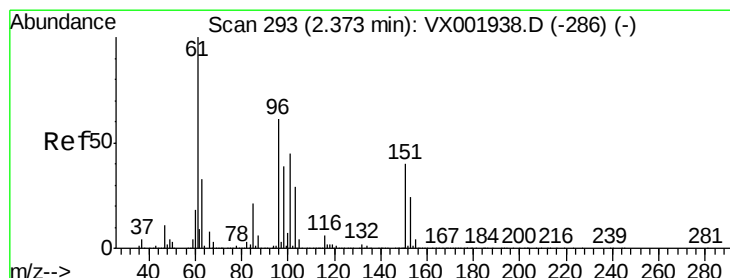
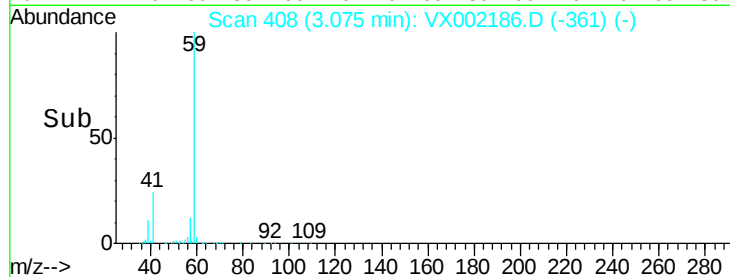
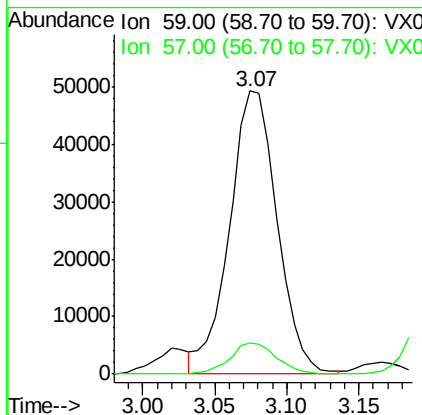
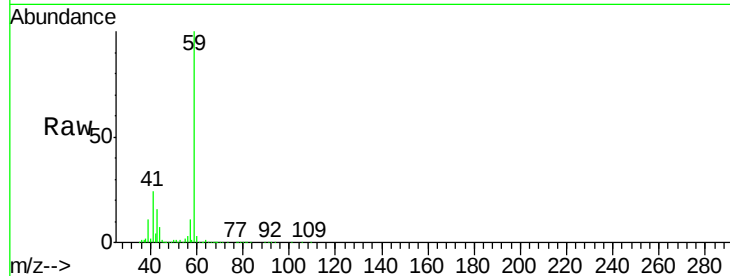
Tert butyl alcohol  
 Concen: 122.937 ug/l  
 RT: 3.07 min Scan# 408  
 Delta R.T. -0.01 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 8.9   | 13.3  |

Manual Integrations  
 APPROVED

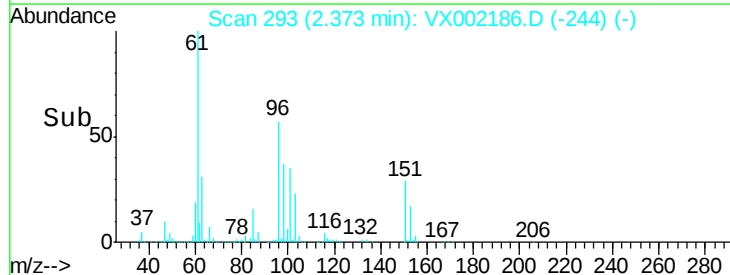
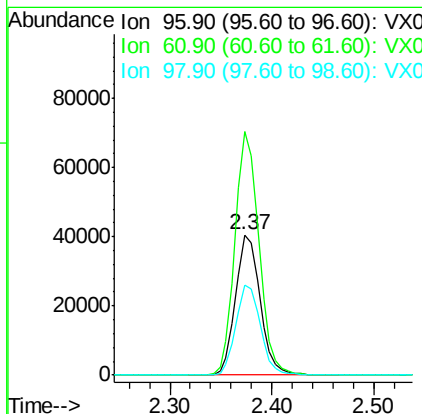
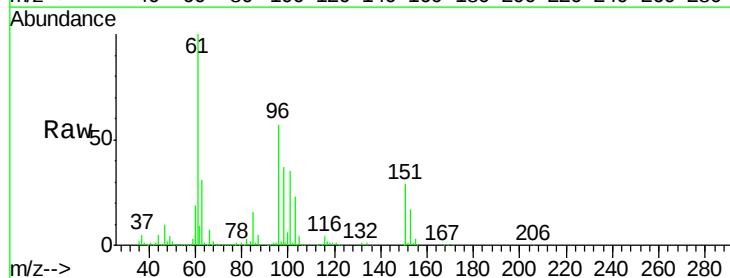
MMDadoda  
 6/1/2018 6:37:12 PM



#12

1,1-Dichloroethene  
 Concen: 21.926 ug/l  
 RT: 2.37 min Scan# 293  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 173.8 | 131.7 | 197.5 |
| 98      | 64.4  | 51.6  | 77.4  |





#13

Acrolein

Concen: 74.444 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion: 56 Resp: 29739

Ion Ratio Lower Upper

56 100

55 72.3

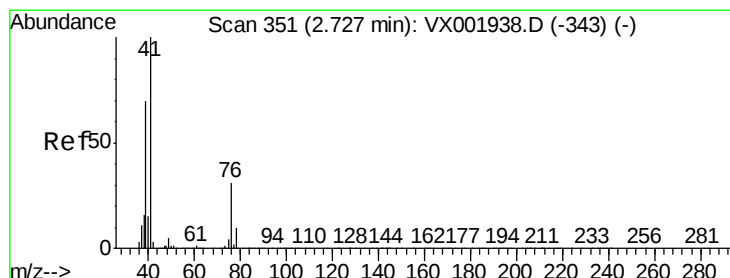
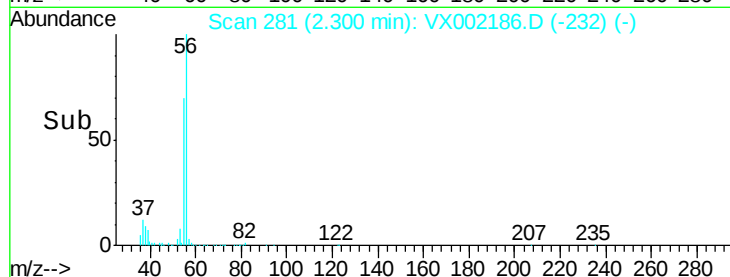
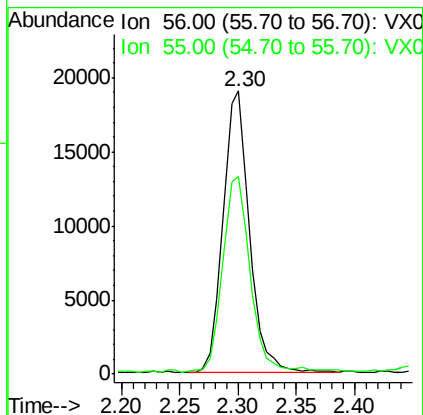
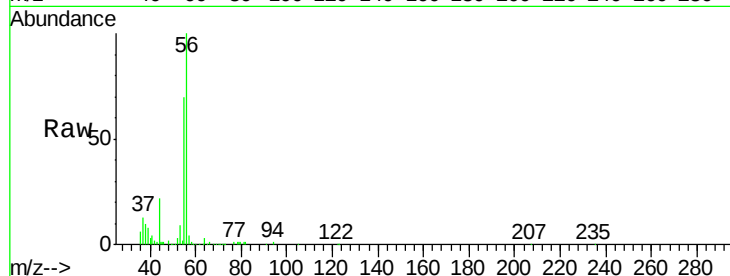
56.8

85.2

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6/1/2018 6:37:12 PM



#14

Allyl chloride

Concen: 22.735 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Tgt Ion: 41 Resp: 146474

Ion Ratio Lower Upper

41 100

39 70.5

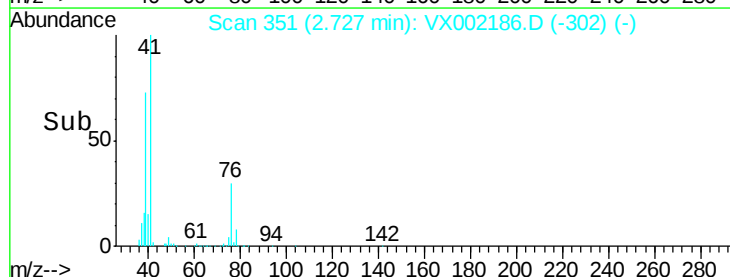
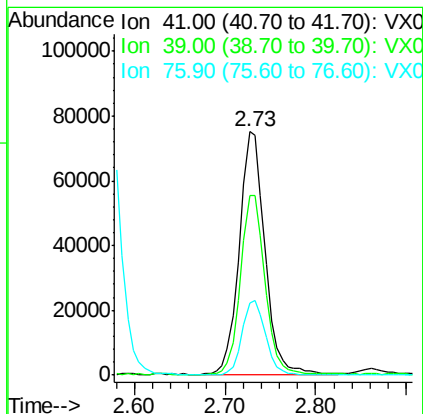
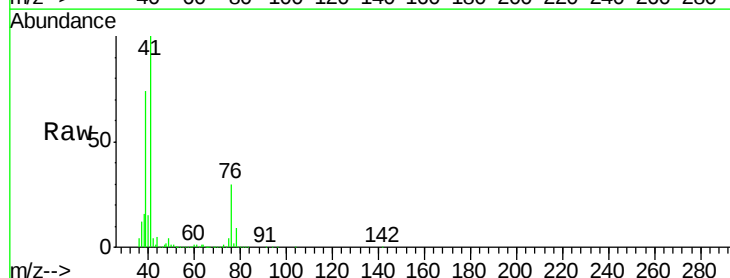
54.3

81.5

76 28.2

24.2

36.4





#15

Acrylonitrile

Concen: 120.596 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

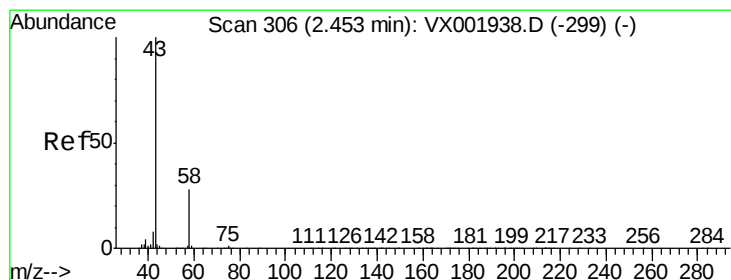
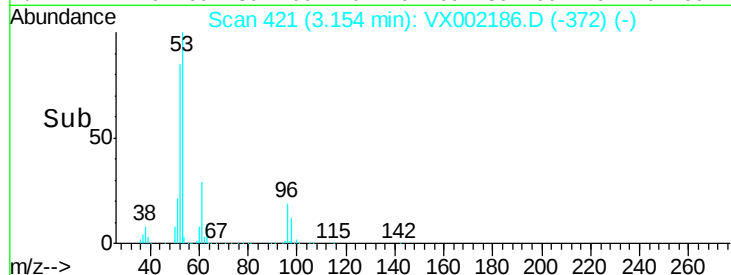
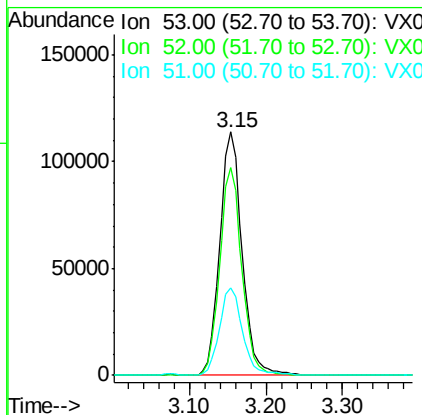
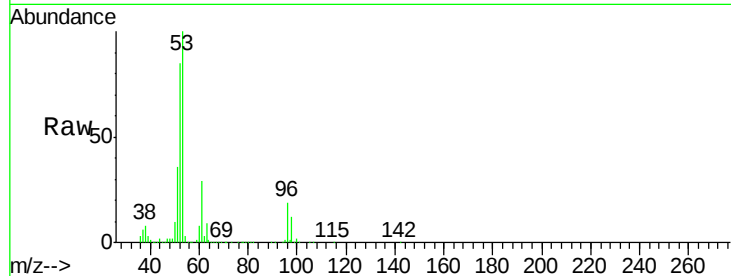
ClientSampleId :

VX0531WBSD03

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 229130 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 84.1 | 66.4  | 99.6   |
| 51        | 37.1 | 29.3  | 43.9   |

Manual Integrations  
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6/1/2018 6:37:12 PM



#16

Acetone

Concen: 136.515 ug/l

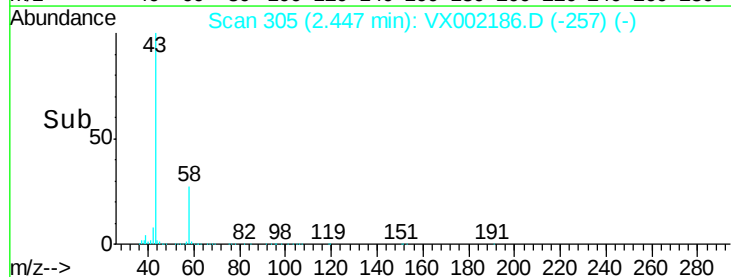
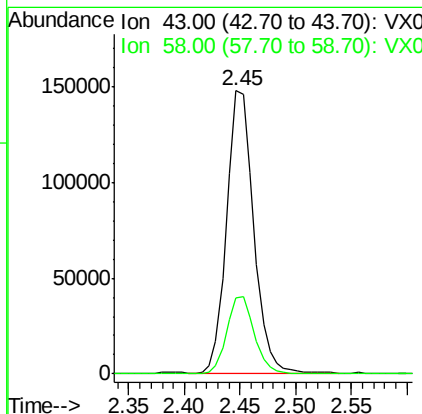
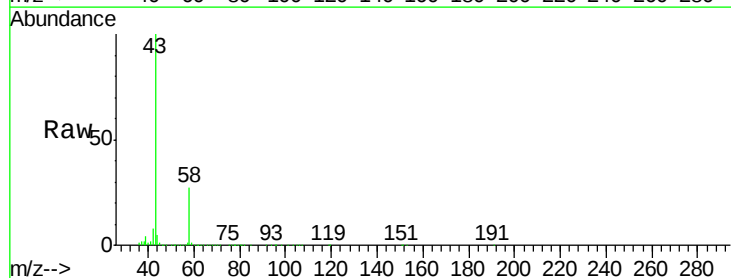
RT: 2.45 min Scan# 305

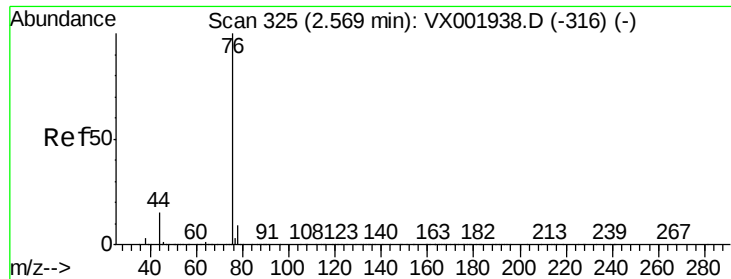
Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 247990 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 26.8 | 22.3  | 33.5   |





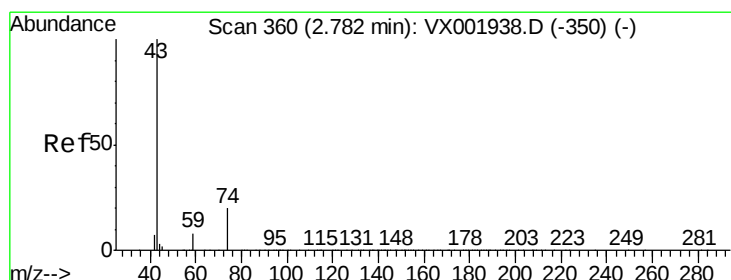
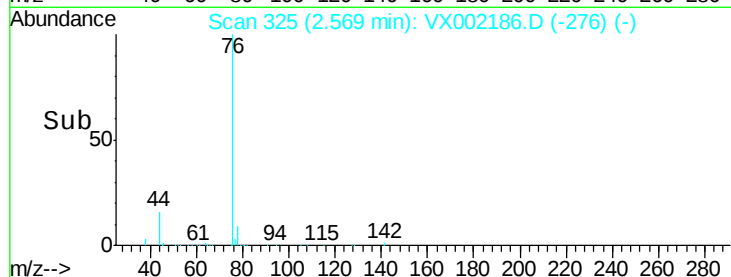
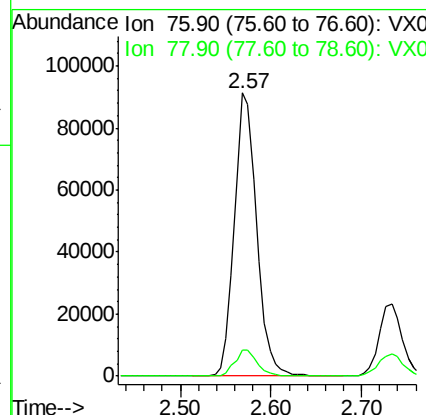
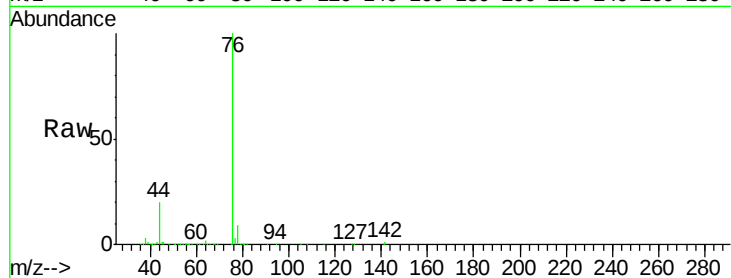
#17  
Carbon Disulfide  
Concen: 17.688 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 7.4   | 11.2  |

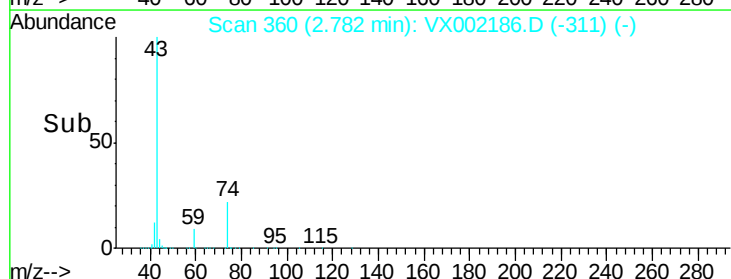
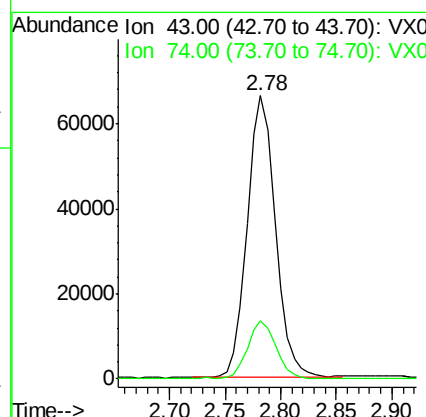
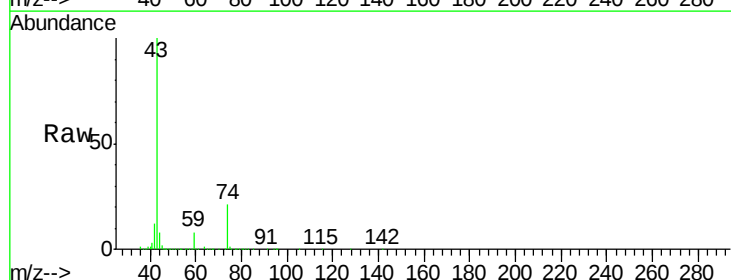
Manual Integrations  
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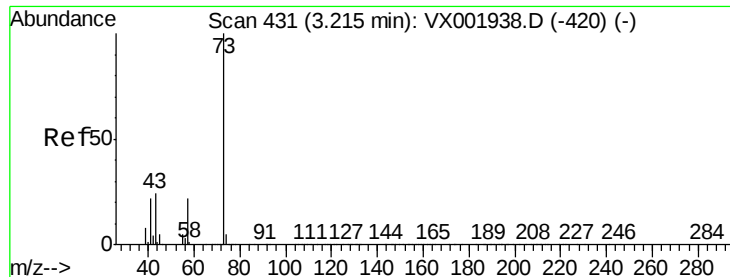
MMDadoda  
6/1/2018 6:37:12 PM



#18  
Methyl Acetate  
Concen: 26.314 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 20.6  | 16.8  | 25.2  |





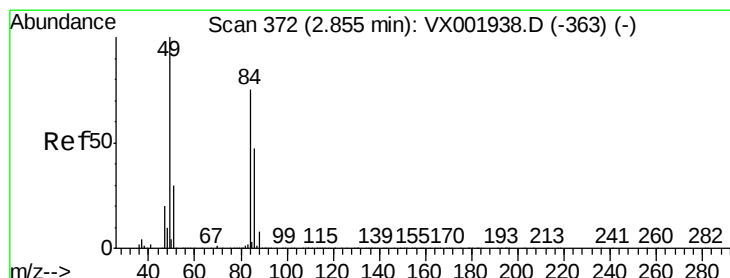
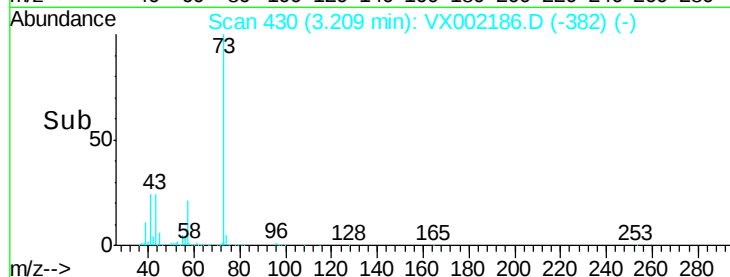
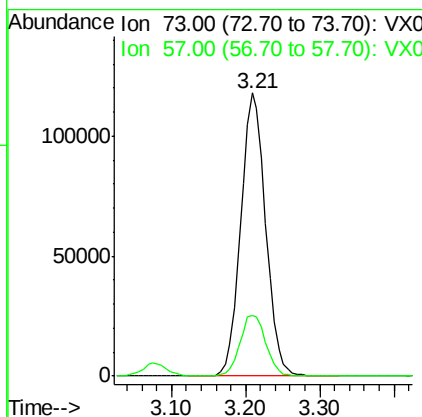
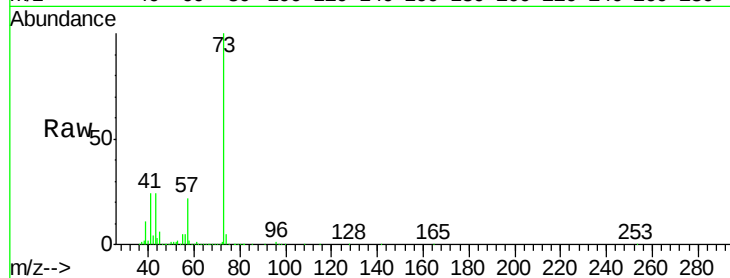
#19  
Methvl tert-butvl Ether  
Concen: 23.958 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. -0.01 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.5  | 17.4  | 26.0  |

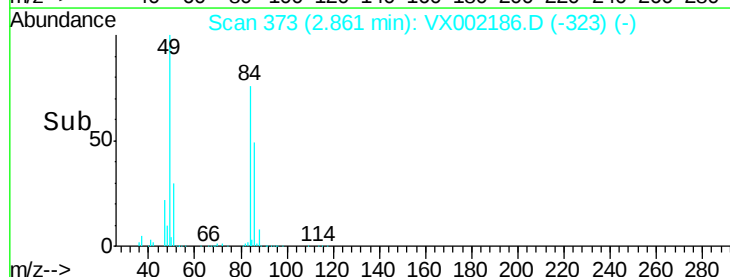
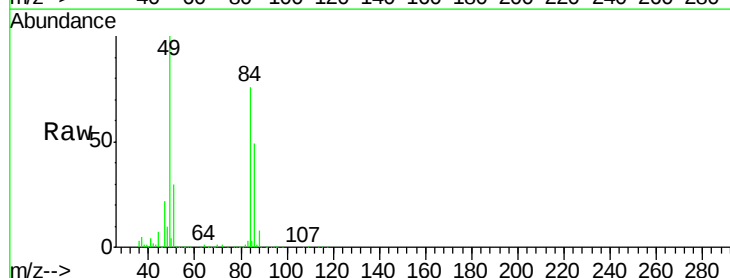
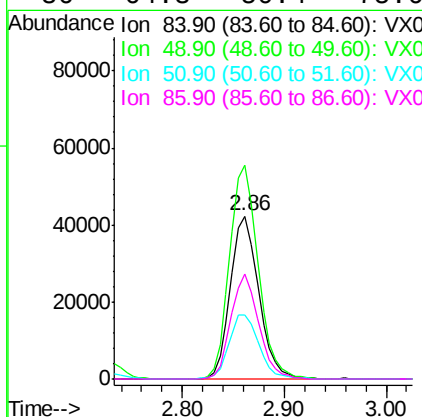
Manual Integrations  
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6/1/2018 6:37:12 PM



#20  
Methylene Chloride  
Concen: 25.059 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.01 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 131.2 | 107.2 | 160.8 |
| 51      | 39.0  | 32.4  | 48.6  |
| 86      | 64.3  | 50.4  | 75.6  |





#21

trans-1,2-Dichloroethene

Concen: 23.204 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

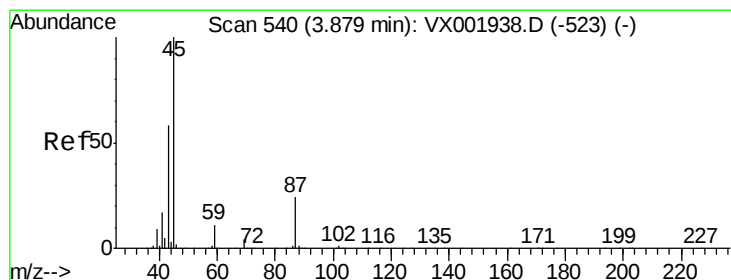
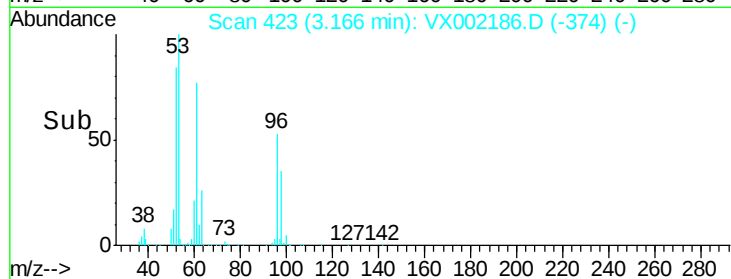
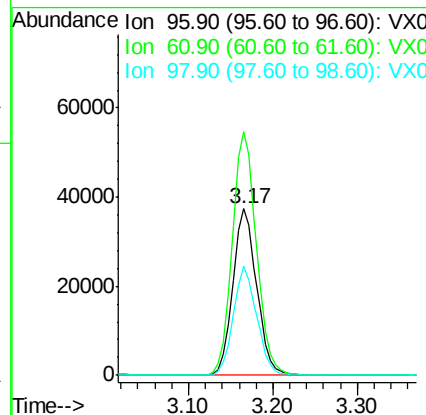
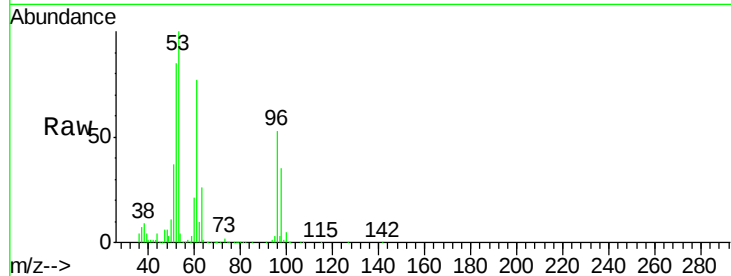
ClientSampleId :

VX0531WBSD03

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 71868 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 145.8 | 113.3 | 169.9 |
| 98       | 65.5  | 51.7  | 77.5  |

Manual Integrations  
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MMDadoda  
6/1/2018 6:37:12 PM



#22

Diisopropyl ether

Concen: 20.361 ug/l

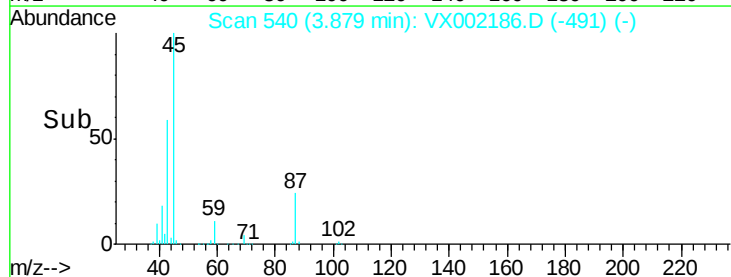
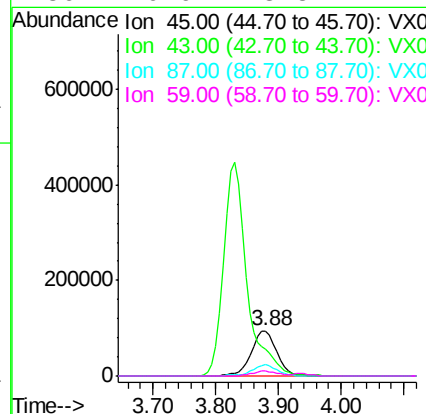
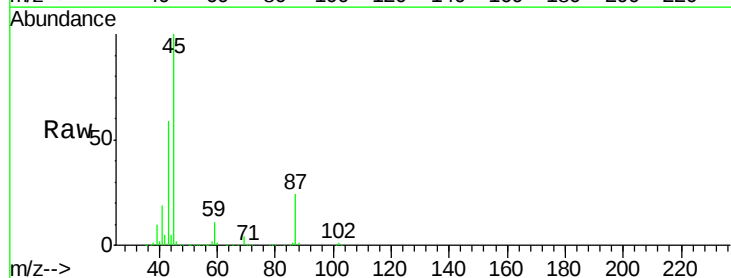
RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 266827 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 59.2  | 47.0  | 70.6   |
| 87       | 24.2  | 19.4  | 29.0   |
| 59       | 10.9  | 8.5   | 12.7   |





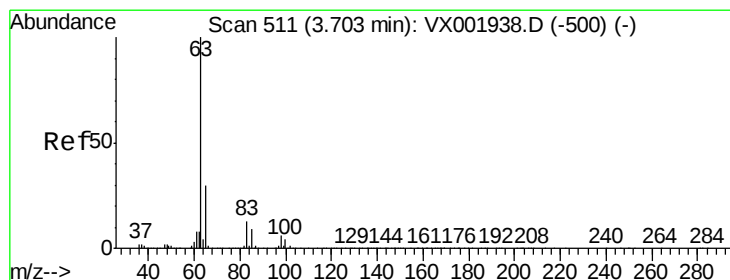
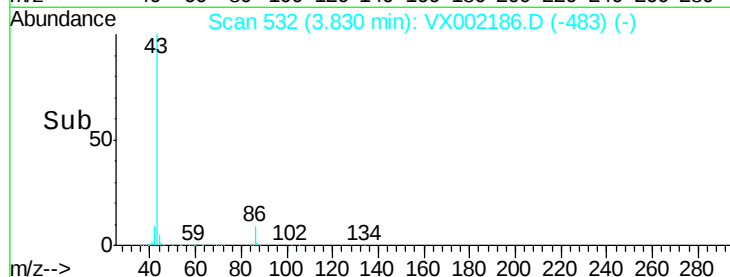
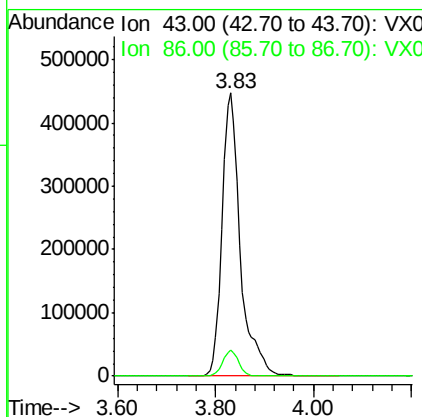
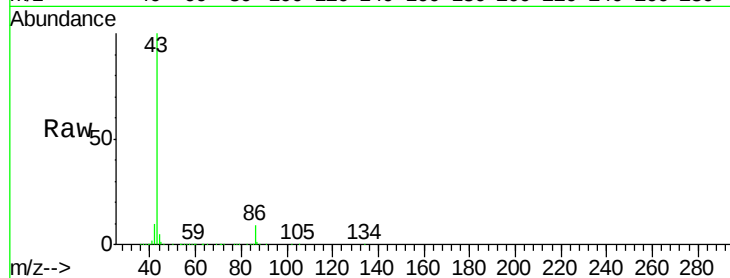
#23  
 Vinyl Acetate  
 Concen: 106.818 ug/l  
 RT: 3.83 min Scan# 532  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0531WBSD03

Tot Ion: 43 Resp: 1160635  
 Ion Ratio Lower Upper  
 43 100  
 86 9.1 7.6 11.4

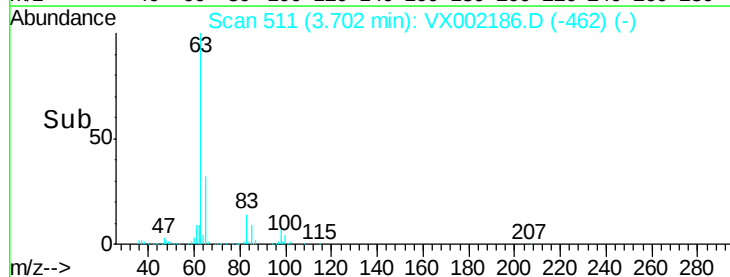
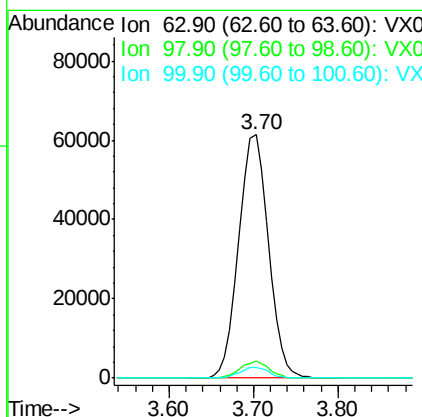
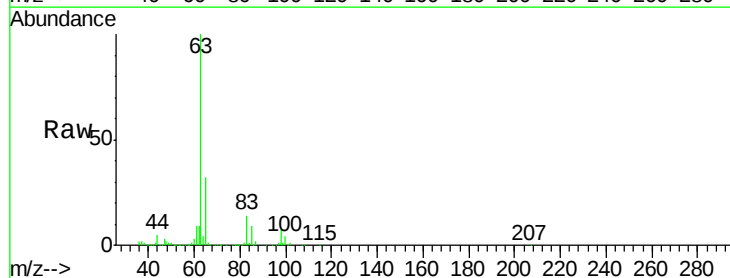
Manual Integrations  
 APPROVED

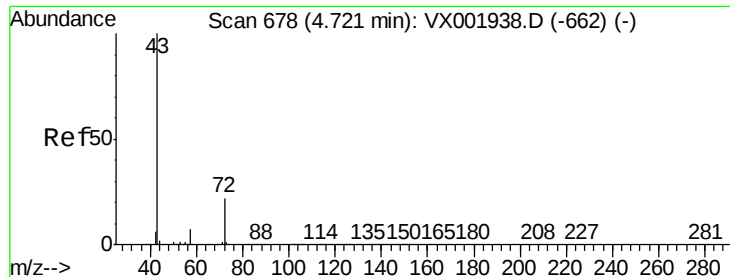
MMDadoda  
 6/1/2018 6:37:12 PM



#24  
 1,1-Dichloroethane  
 Concen: 23.585 ug/l  
 RT: 3.70 min Scan# 511  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

Tgt Ion: 63 Resp: 146819  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.3 9.8  
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 99.777 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Tot Ion: 43 Resp: 332203

Ion Ratio Lower Upper

43 100

72 22.0 17.9 26.9

Instrument :

MSVOA\_X

ClientSampleId :

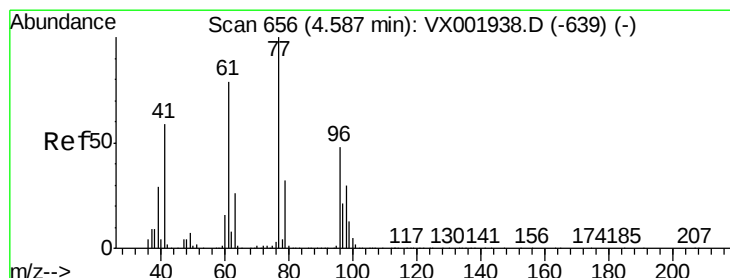
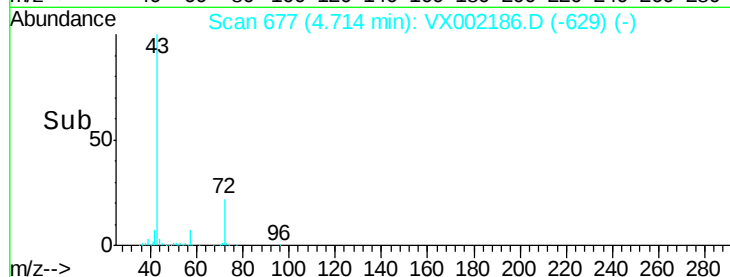
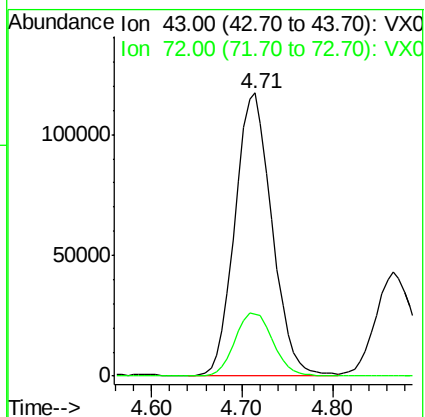
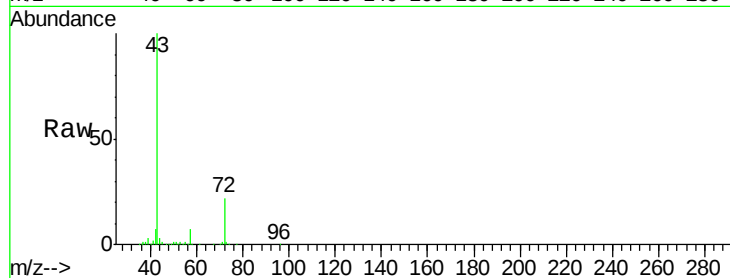
VX0531WBSD03

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.440 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002186.D

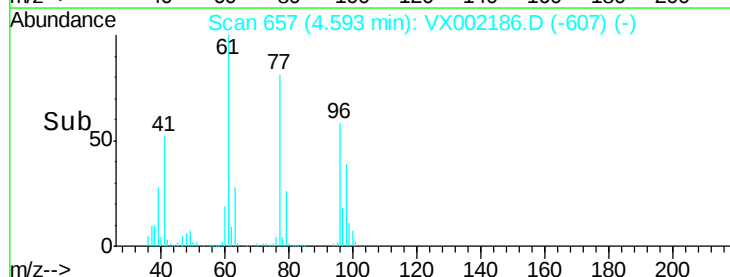
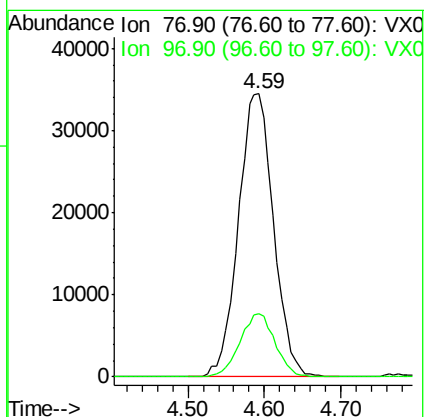
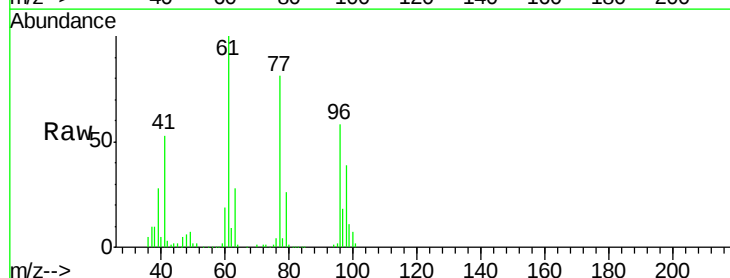
Acq: 31 May 2018 19:57

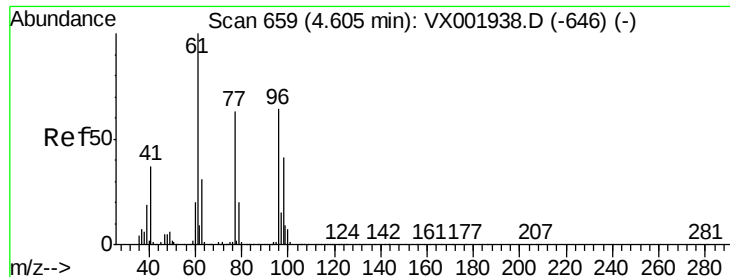
Tgt Ion: 77 Resp: 109889

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.5





#27

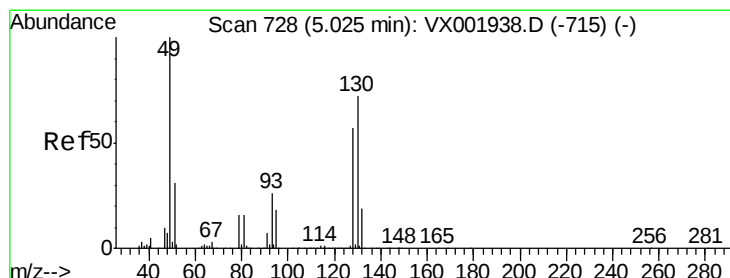
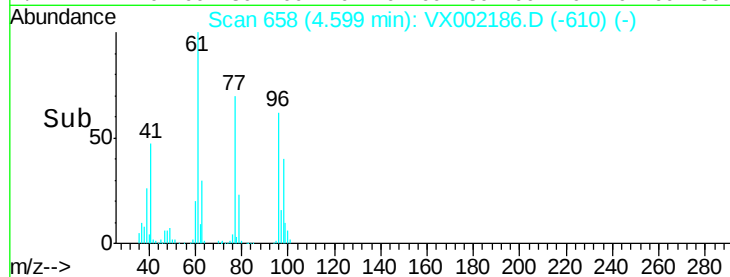
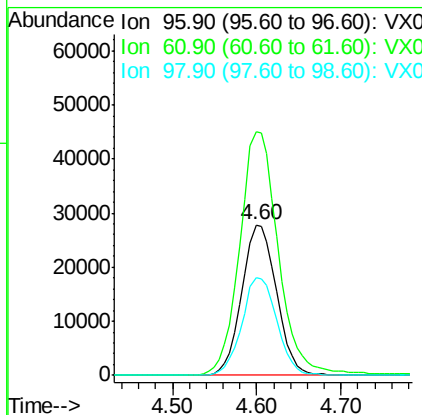
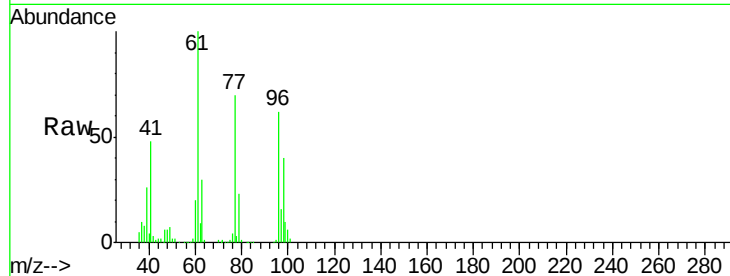
cis-1,2-Dichloroethene  
 Concen: 19.374 ug/l  
 RT: 4.60 min Scan# 658  
 Delta R.T. -0.01 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 180.3 | 0.0   | 348.4 |
| 98      | 65.6  | 0.0   | 128.6 |

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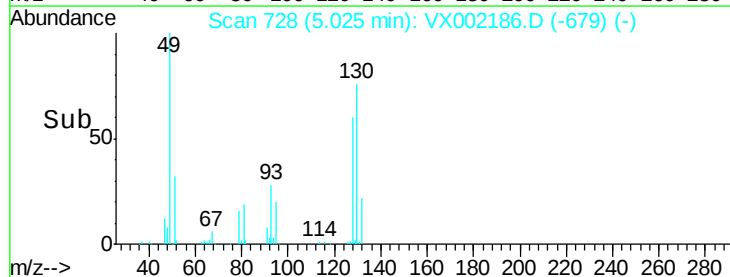
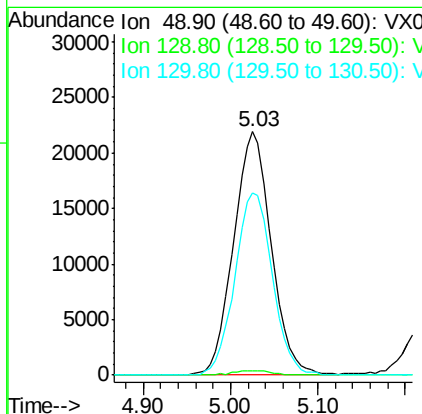
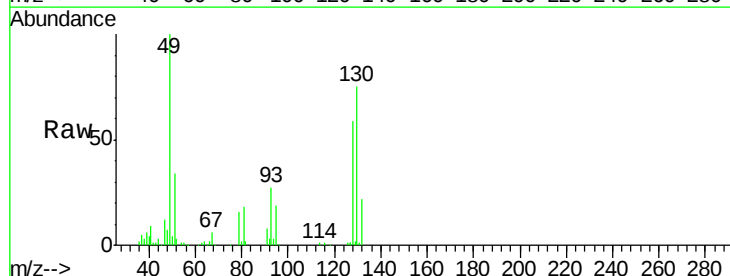
MMDadoda  
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#28

Bromochloromethane  
 Concen: 23.996 ug/l  
 RT: 5.03 min Scan# 728  
 Delta R.T. 0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.9   | 0.0   | 3.8   |
| 130     | 74.6  | 59.4  | 89.2  |





#29

Tetrahydrofuran

Concen: 96.939 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

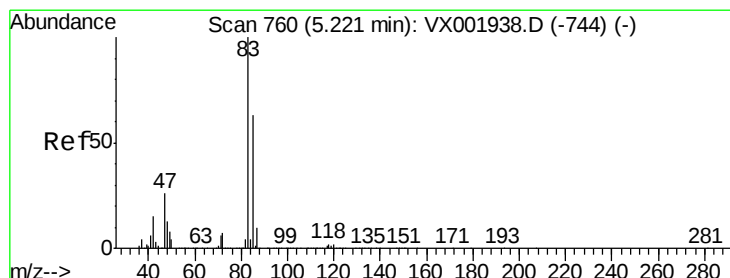
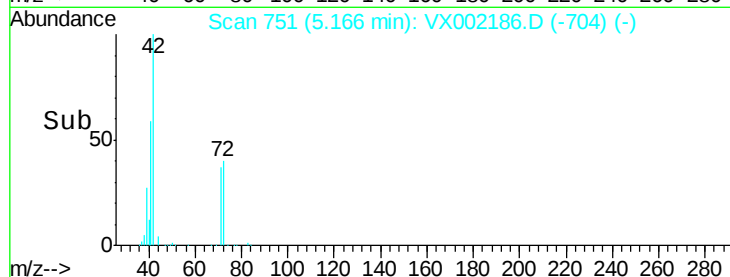
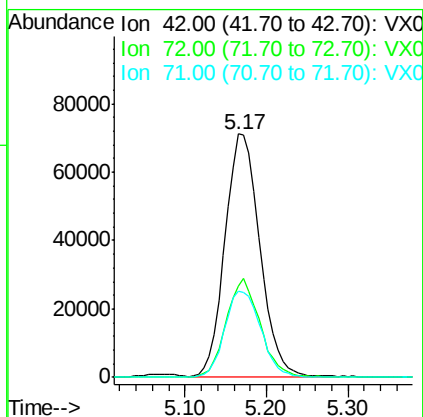
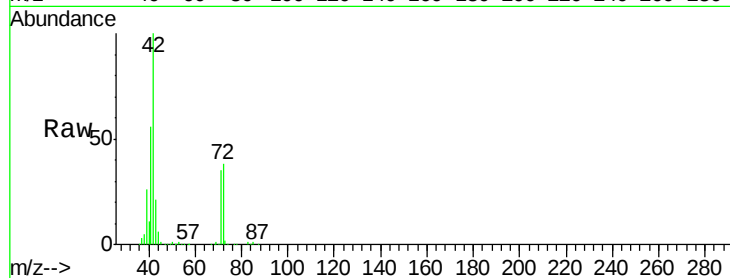
ClientSampleId :

VX0531WBSD03

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 42   | Resp: | 209989 |
| Ion Ratio |      | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 39.8 | 31.4  | 47.0   |
| 71        | 36.7 | 29.5  | 44.3   |

Manual Integrations  
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#30

Chloroform

Concen: 19.637 ug/l

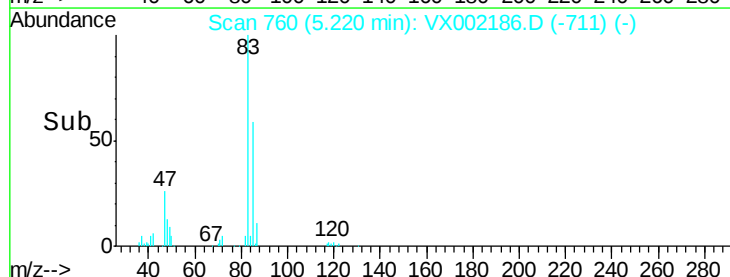
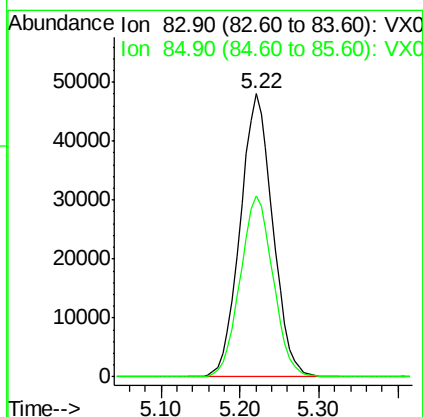
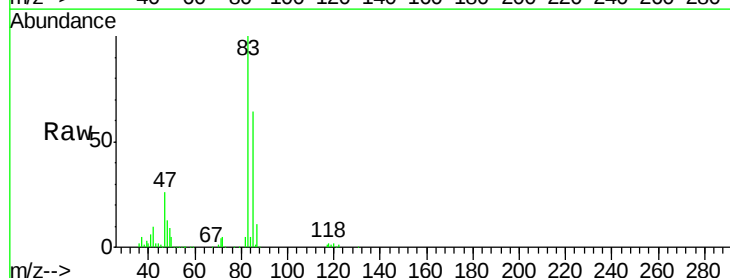
RT: 5.22 min Scan# 760

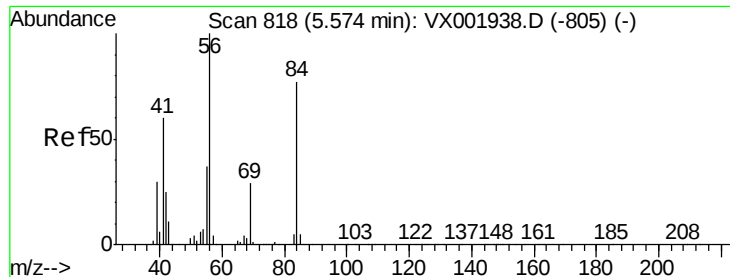
Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 137725 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 64.1 | 50.9  | 76.3   |





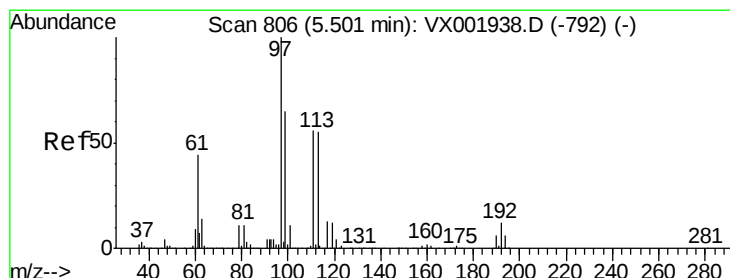
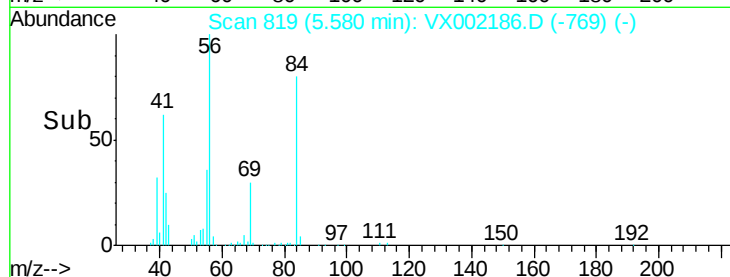
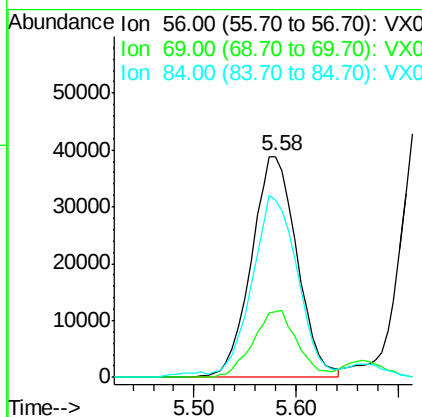
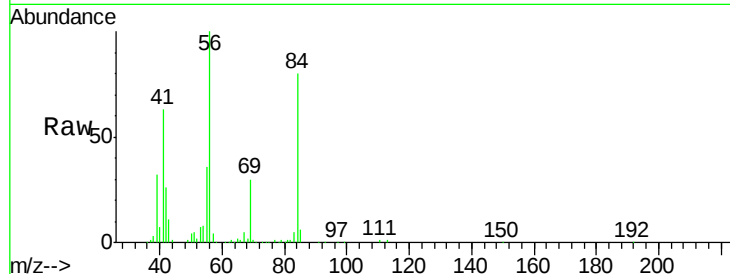
#31  
Cyclohexane  
Concen: 18.467 ug/l  
RT: 5.58 min Scan# 819  
Delta R.T. 0.01 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.8  | 23.1  | 34.7  |
| 84      | 78.7  | 62.0  | 93.0  |

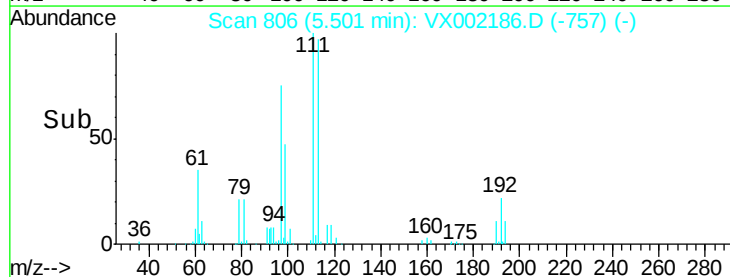
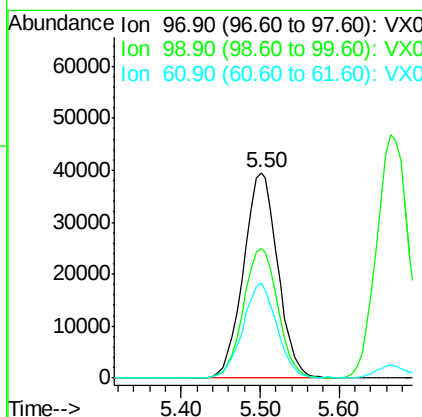
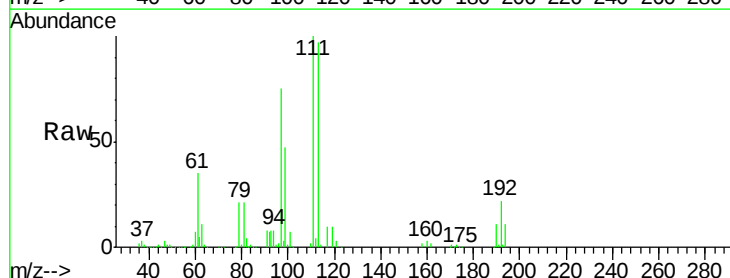
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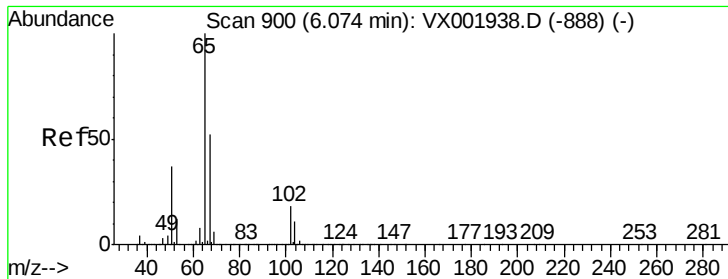
MMDadoda  
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#32  
1,1,1-Trichloroethane  
Concen: 18.231 ug/l  
RT: 5.50 min Scan# 806  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.8  | 51.9  | 77.9  |
| 61      | 46.0  | 35.9  | 53.9  |





#33

1,2-Dichloroethane-d4

Concen: 43.436 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion: 65 Resp: 204451

Ion Ratio Lower Upper

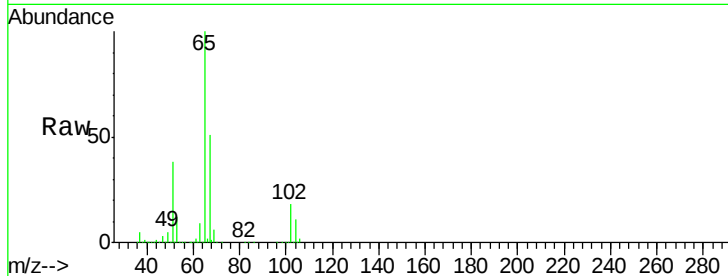
65 100

67 51.4 0.0 104.0

Manual Integrations  
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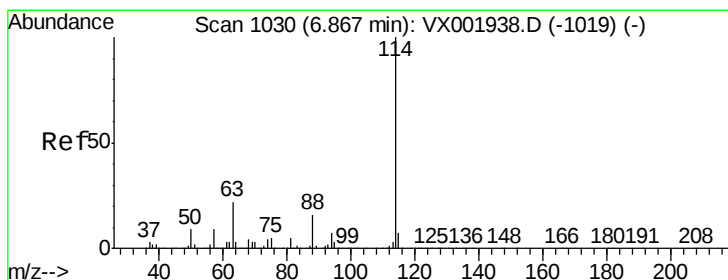
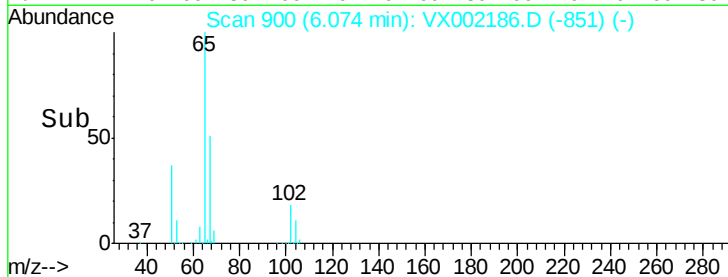
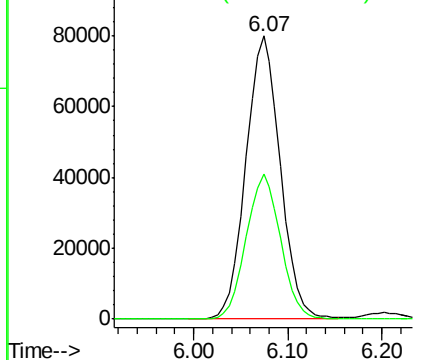
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

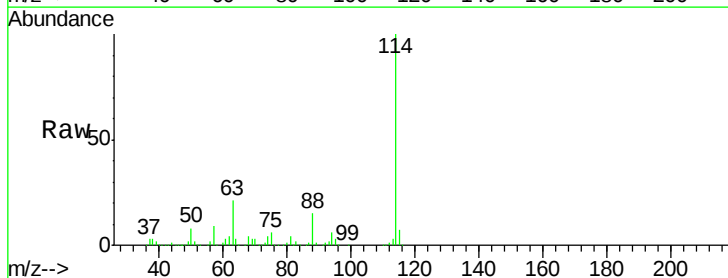
Tgt Ion: 114 Resp: 370304

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

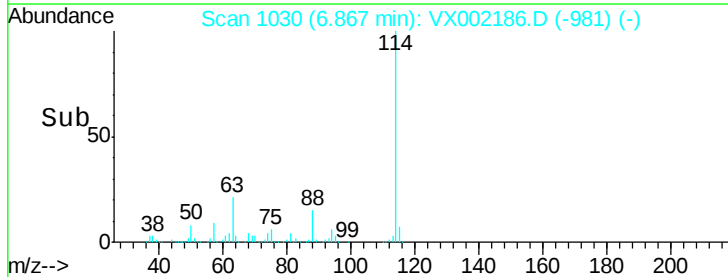
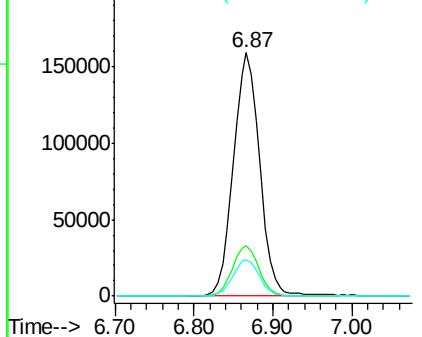
88 15.0 0.0 31.6

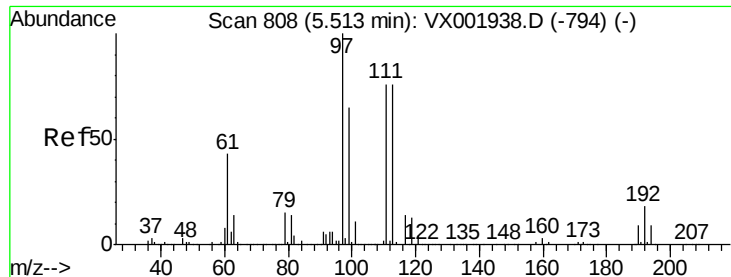


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 42.572 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

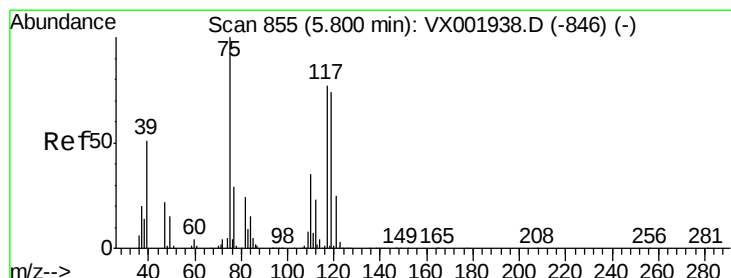
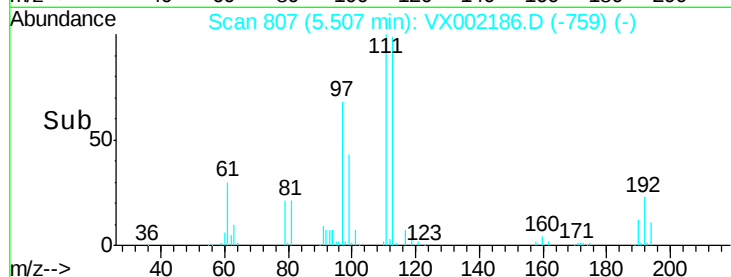
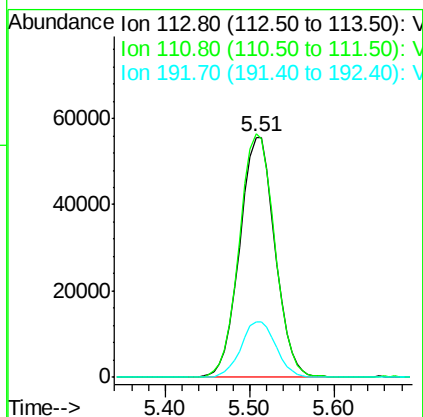
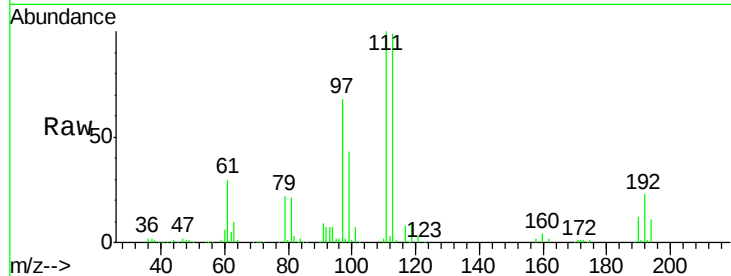
ClientSampleId :

VX0531WBSD03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 157646 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.8 | 82.0  | 123.0  |
| 192       | 23.1  | 18.9  | 28.3   |

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#36

1,1-Dichloropropene

Concen: 19.001 ug/l

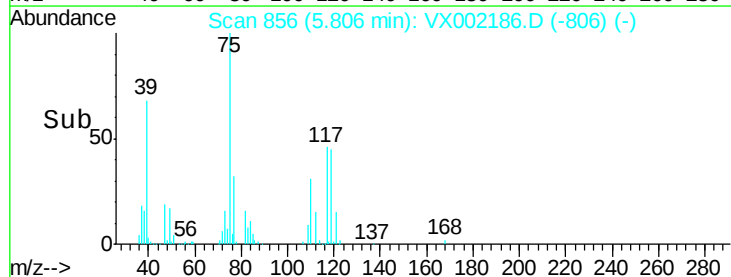
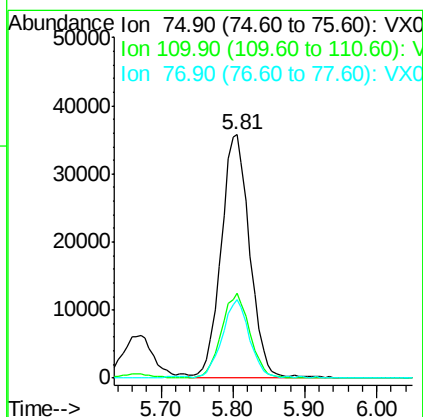
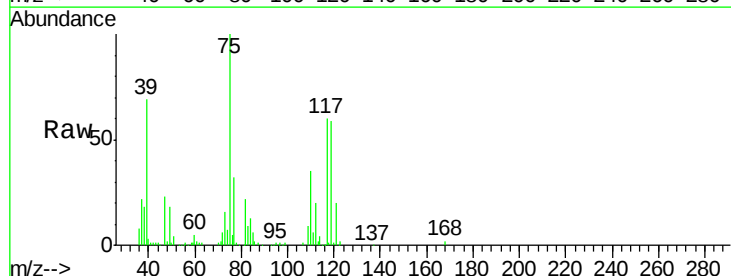
RT: 5.81 min Scan# 856

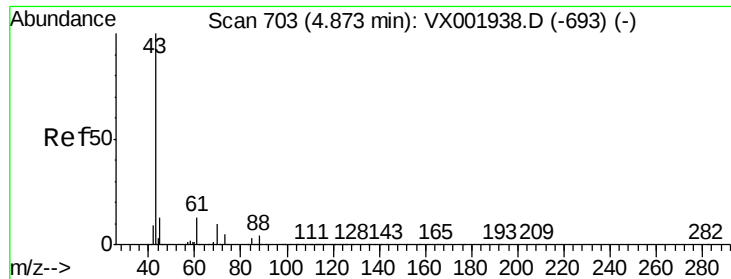
Delta R.T. 0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 97870 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 35.0  | 17.4  | 52.2  |
| 77        | 31.0  | 24.4  | 36.6  |





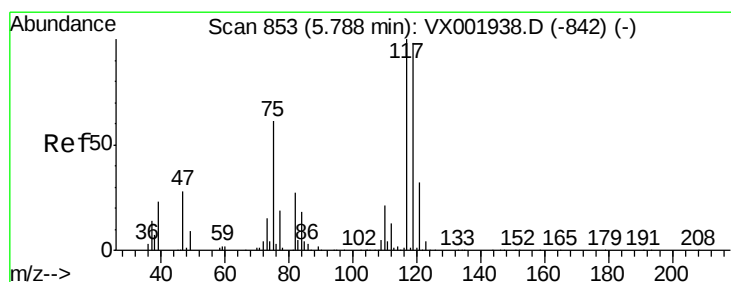
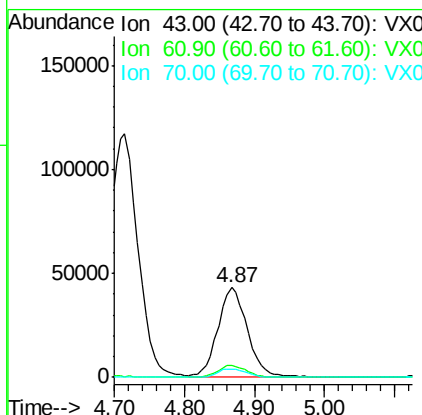
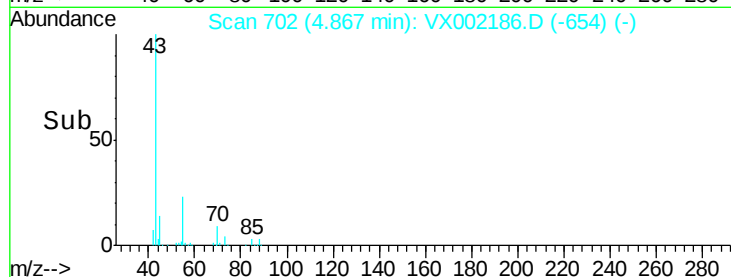
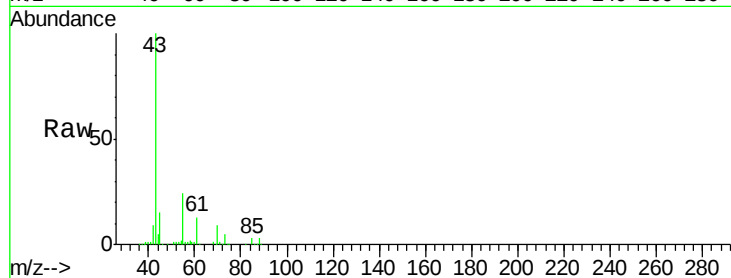
#37  
Ethyl Acetate  
Concen: 18.682 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. -0.01 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.6  | 10.2  | 15.2  |
| 70      | 9.4   | 7.8   | 11.8  |

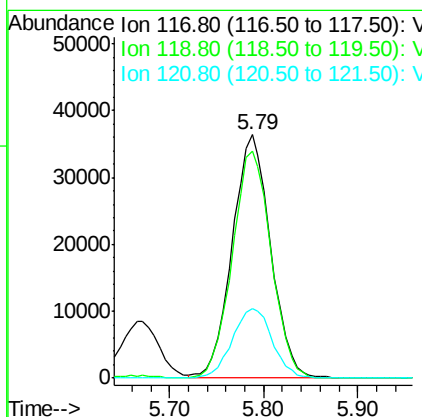
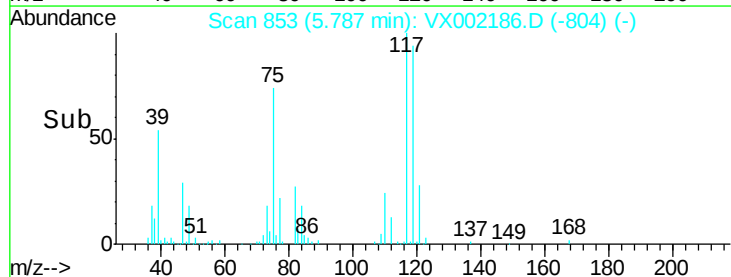
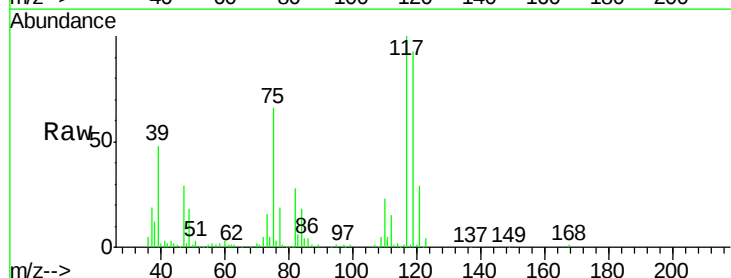
Manual Integrations  
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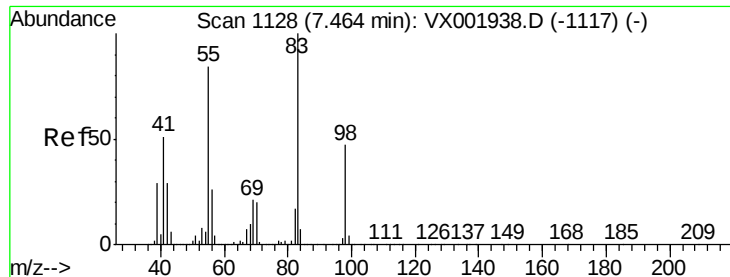
MMDadoda  
6/1/2018 6:37:12 PM



#38  
Carbon Tetrachloride  
Concen: 17.233 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.3  | 78.5  | 117.7 |
| 121     | 28.6  | 25.5  | 38.3  |





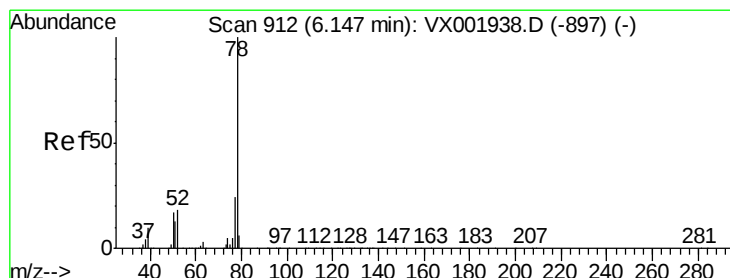
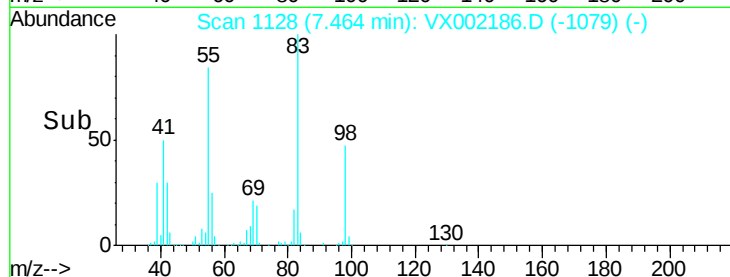
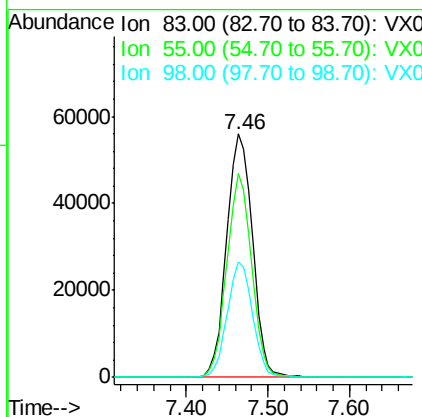
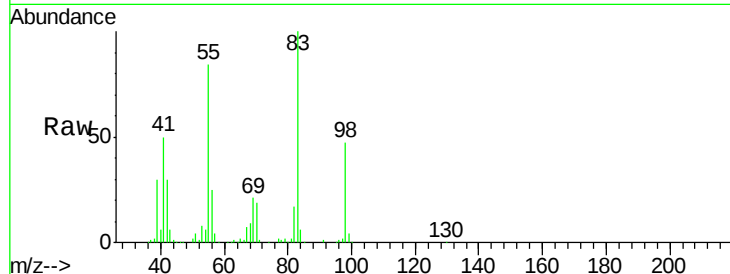
#39  
Methvlcvclohexane  
Concen: 19.352 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 122462 |       |       |
| 55      | 83.8  | 67.3   | 100.9 |       |
| 98      | 47.3  | 37.5   | 56.3  |       |

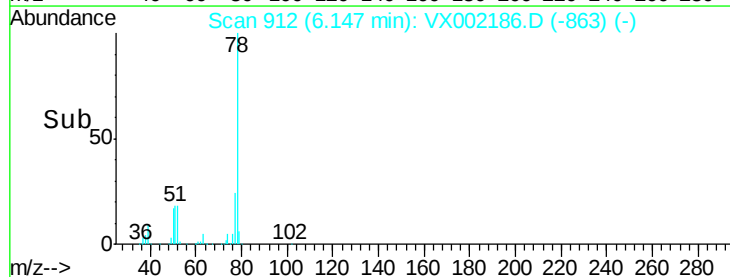
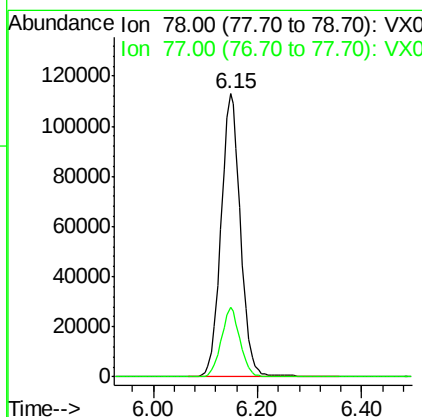
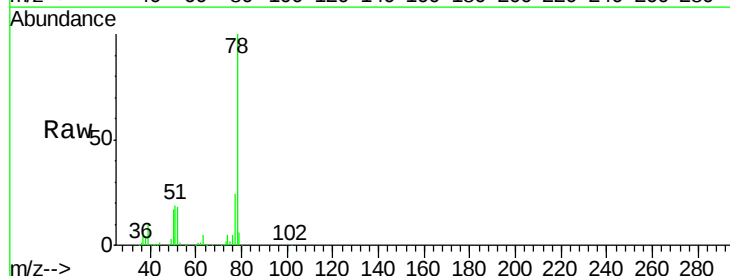
Manual Integrations  
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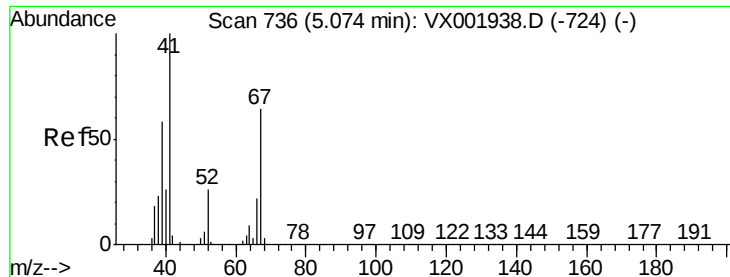
MMDadoda  
6/1/2018 6:37:12 PM



#40  
Benzene  
Concen: 19.707 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 297381 |       |       |
| 77      | 24.4  | 19.1   | 28.7  |       |





#41

Methacrylonitrile

Concen: 19.260 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

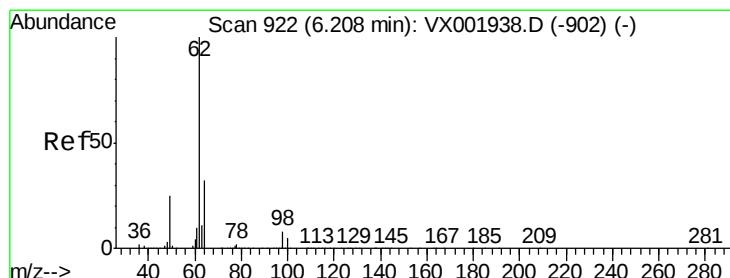
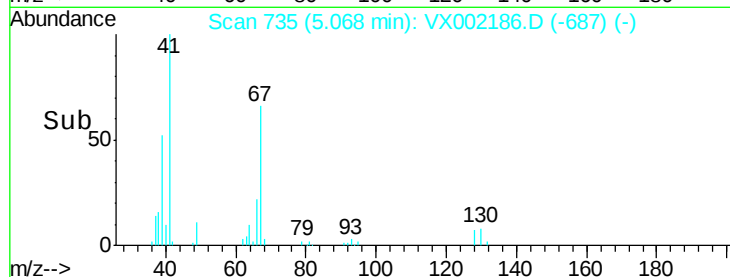
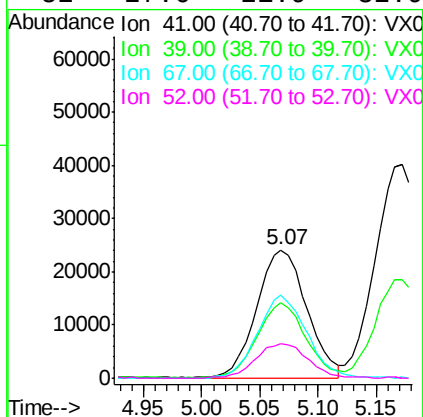
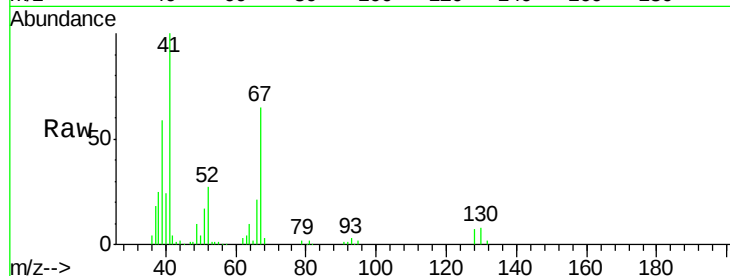
ClientSampleId :

VX0531WBSD03

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 57.8 | 46.0  | 69.0  |       |
| 67      | 64.5 | 50.6  | 75.8  |       |
| 52      | 27.6 | 21.9  | 32.9  |       |

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#42

1,2-Dichloroethane

Concen: 19.906 ug/l

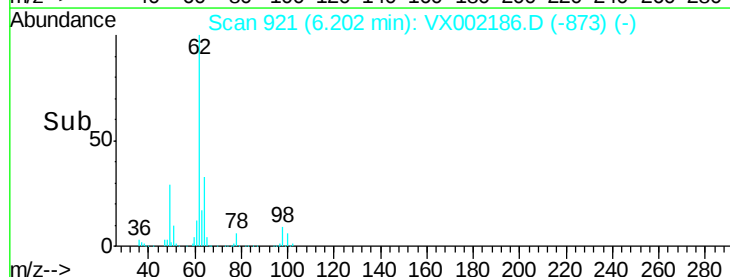
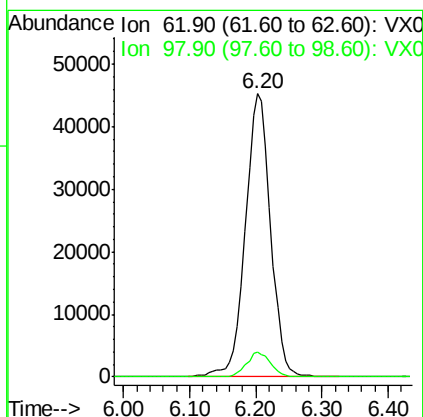
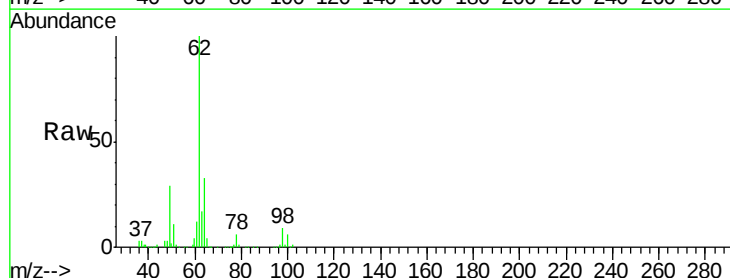
RT: 6.20 min Scan# 921

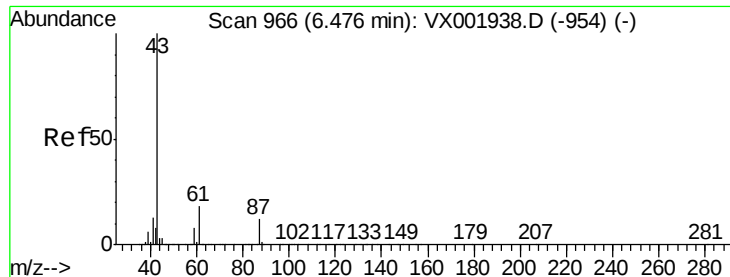
Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.3 | 0.0   | 17.0  |       |





#43

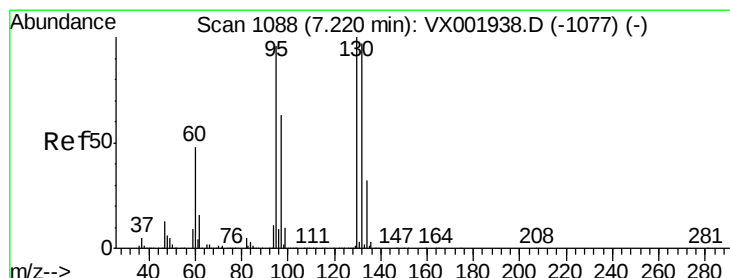
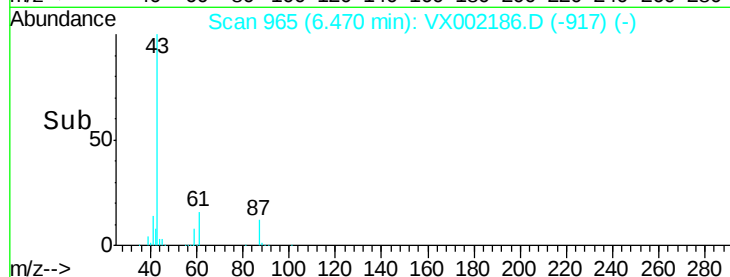
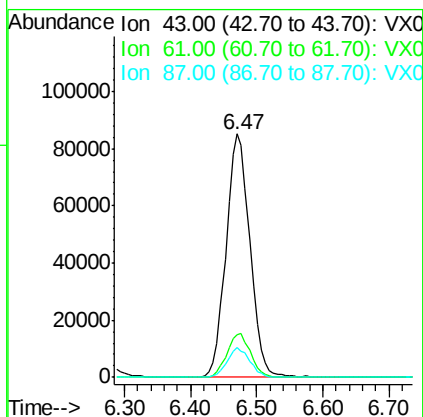
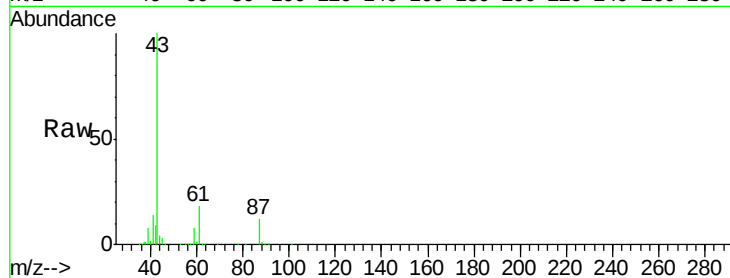
Isopropyl Acetate  
 Concen: 18.961 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. -0.01 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 17.9  | 14.5  | 21.7  |
| 87      | 11.7  | 9.5   | 14.3  |

Manual Integrations  
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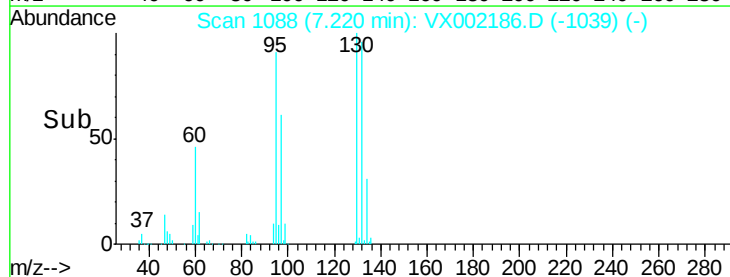
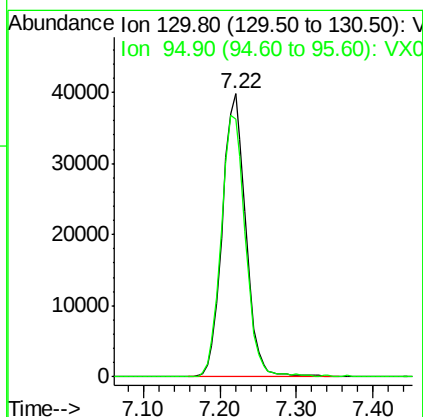
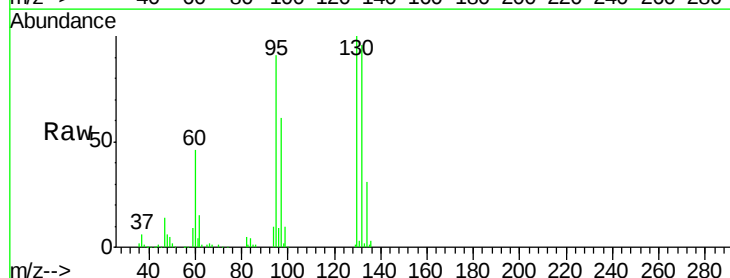
MMDadoda  
 6/1/2018 6:37:12 PM

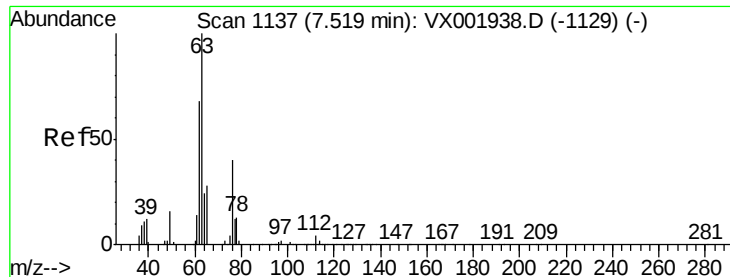


#44

Trichloroethene  
 Concen: 19.182 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 91.3  | 0.0   | 192.0 |





#45

1,2-Dichloropropane

Concen: 19.892 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion: 63 Resp: 81519

Ion Ratio Lower Upper

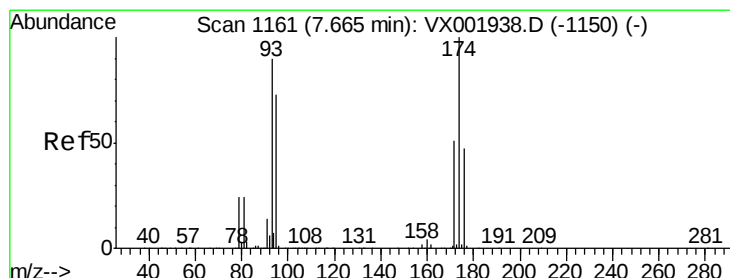
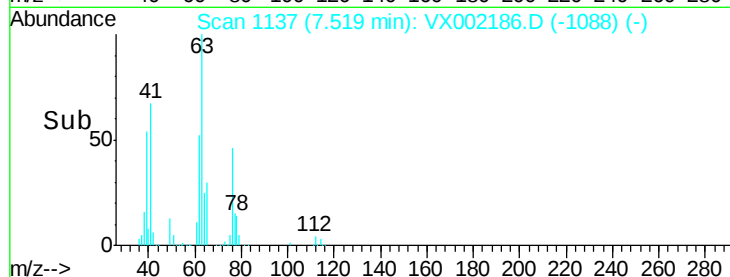
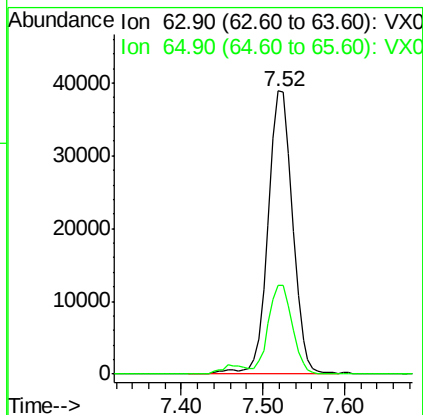
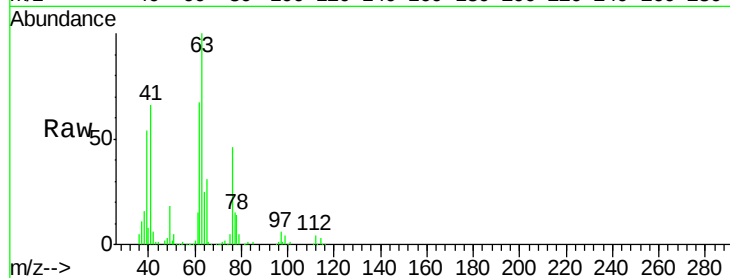
63 100

65 31.1 24.1 36.1

Manual Integrations  
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6/1/2018 6:37:12 PM



#46

Dibromomethane

Concen: 19.740 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

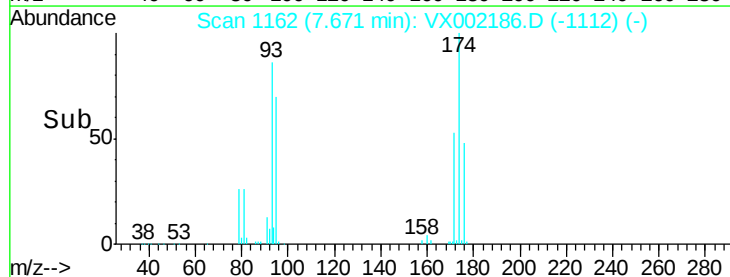
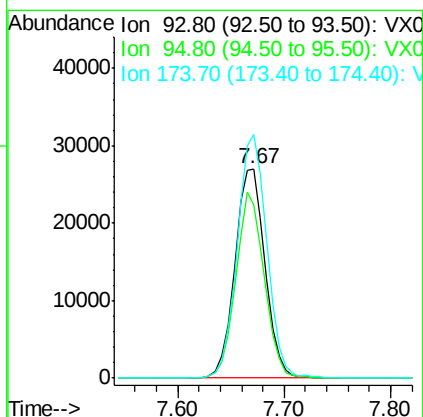
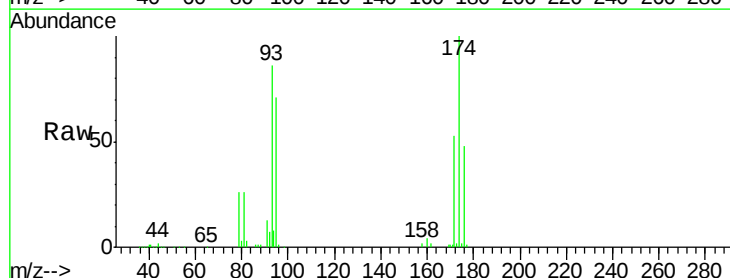
Tgt Ion: 93 Resp: 53560

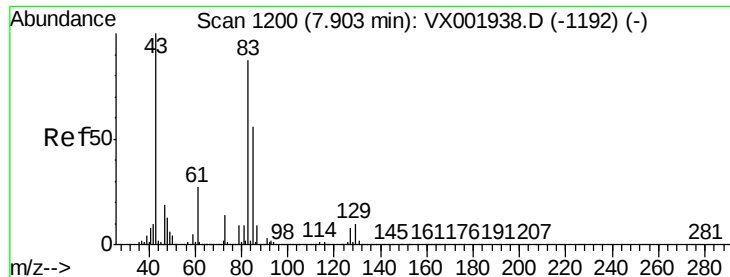
Ion Ratio Lower Upper

93 100

95 84.2 66.1 99.1

174 114.5 92.5 138.7





#47

Bromodichloromethane

Concen: 17.038 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

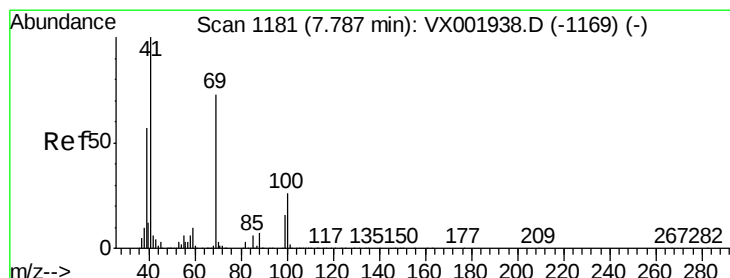
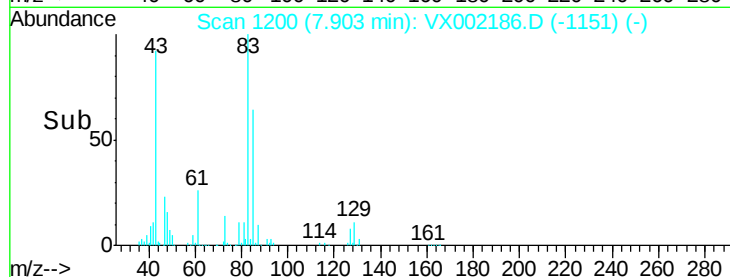
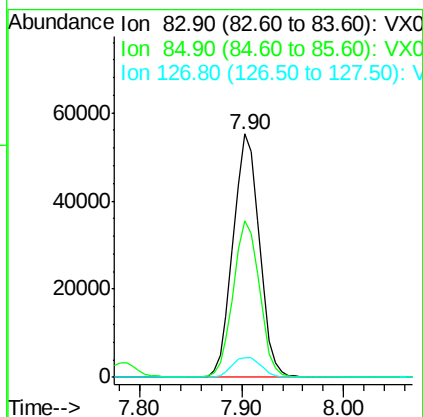
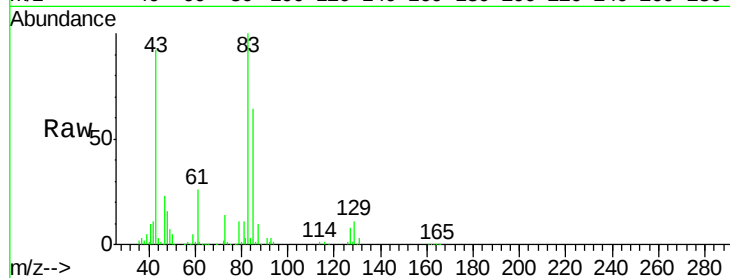
ClientSampleId :

VX0531WBSD03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 98567 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 64.2  | 51.4  | 77.2  |
| 127       | 8.1   | 7.1   | 10.7  |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 18.711 ug/l

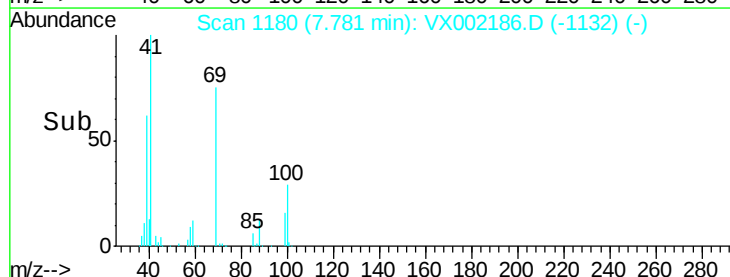
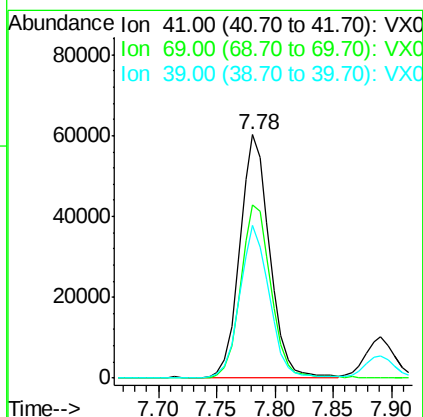
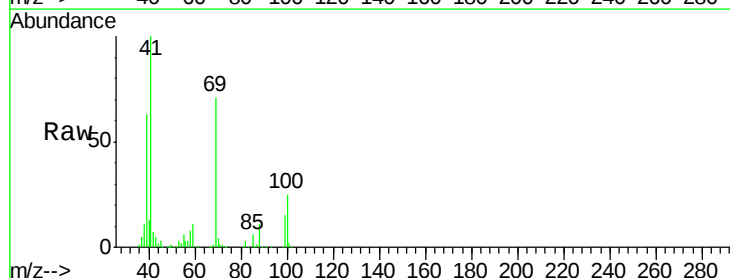
RT: 7.78 min Scan# 1180

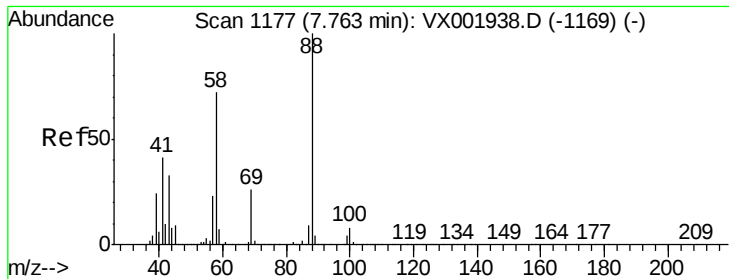
Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 106550 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 73.3  | 58.6  | 87.8   |
| 39        | 62.2  | 46.3  | 69.5   |





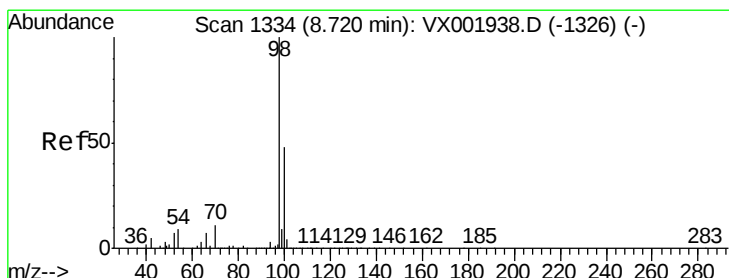
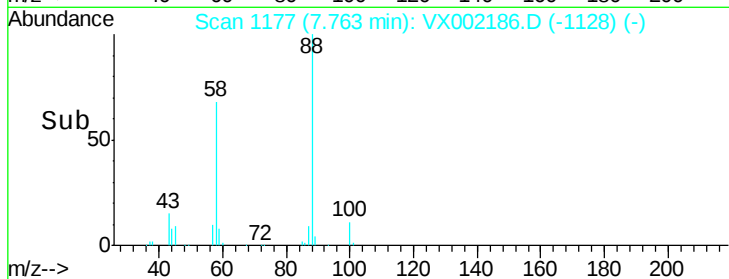
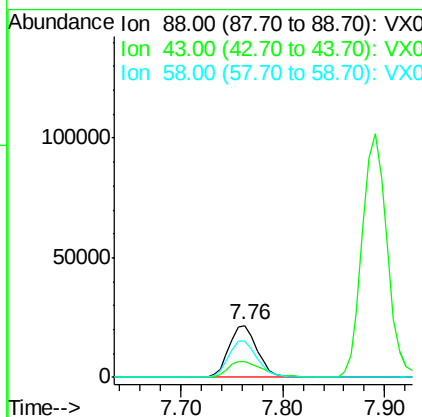
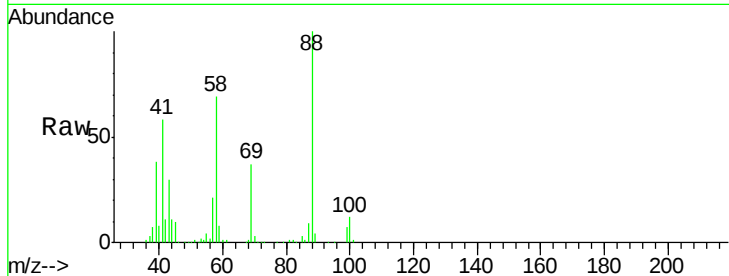
#49  
 1,4-Dioxane  
 Concen: 412.933 ug/l  
 RT: 7.76 min Scan# 1177  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.1  | 29.8  | 44.8  |
| 58      | 72.6  | 58.7  | 88.1  |

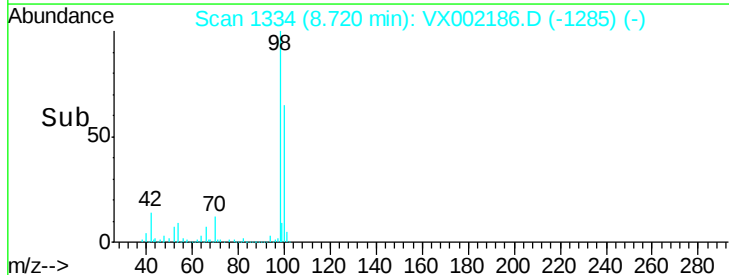
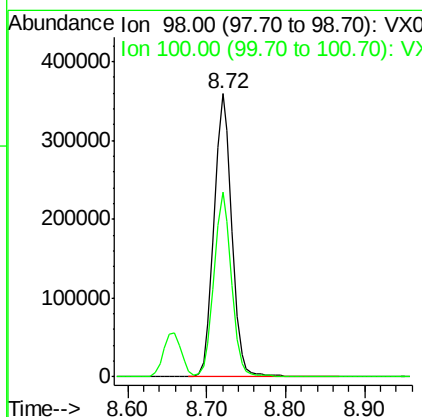
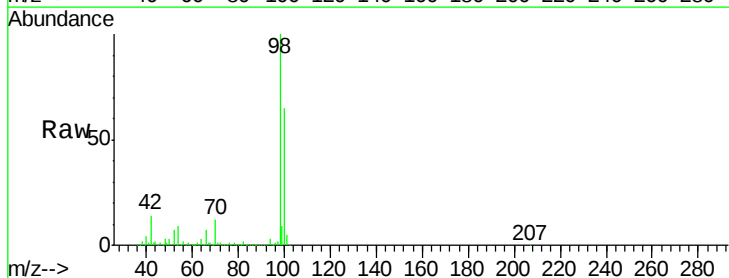
Manual Integrations  
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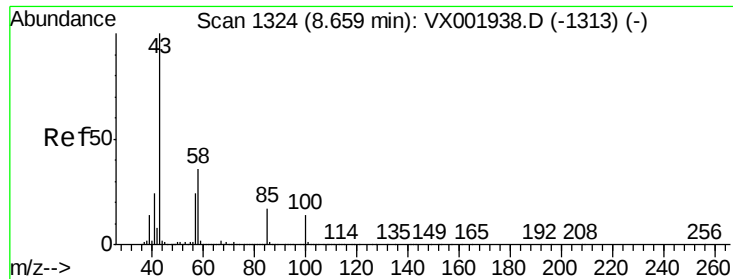
MMDadoda  
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#50  
 Toluene-d8  
 Concen: 42.365 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.5  | 51.5  | 77.3  |





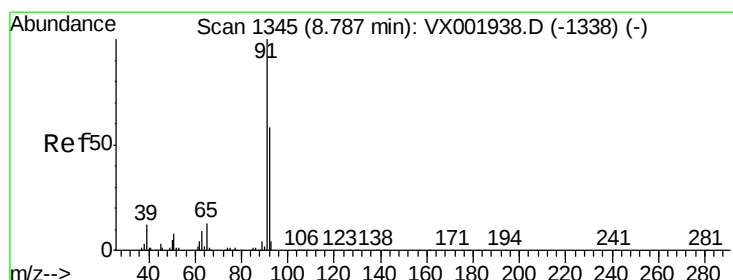
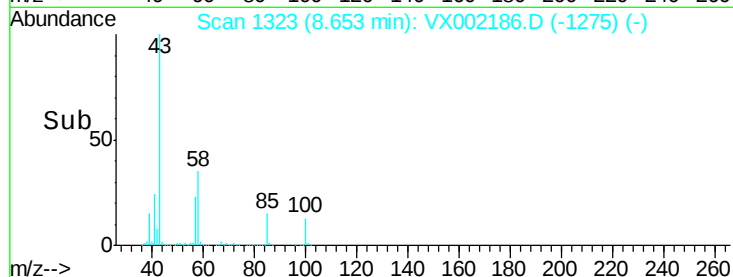
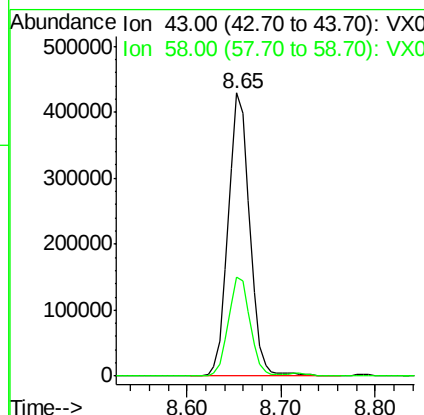
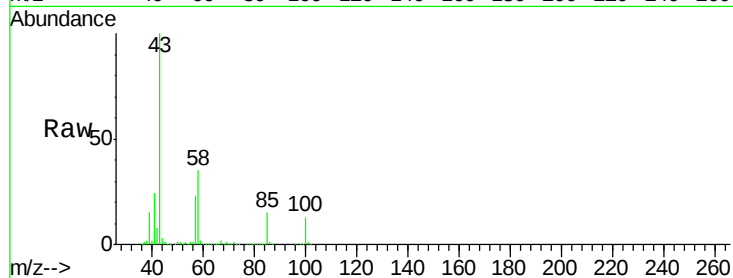
#51  
4-Methyl-2-Pentanone  
Concen: 101.165 ug/l  
RT: 8.65 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 35.2  | 28.5  | 42.7  |

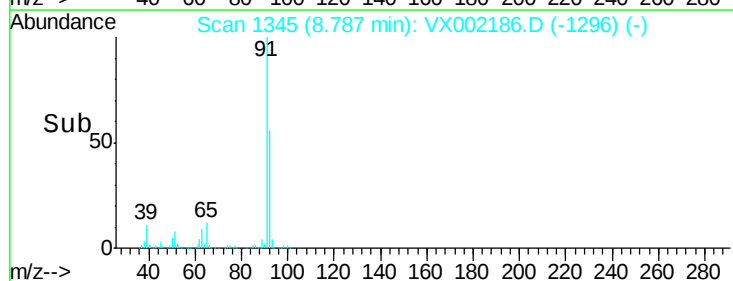
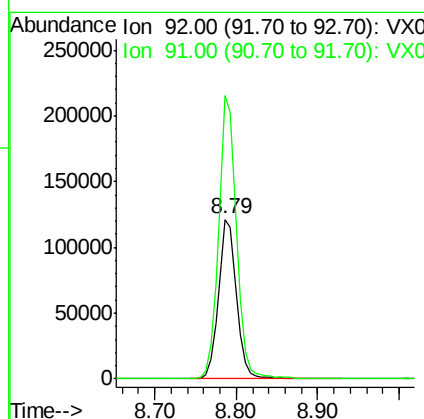
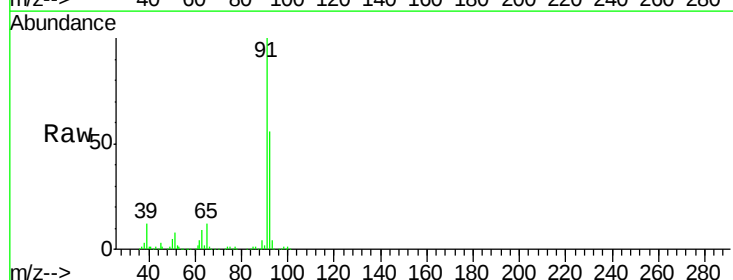
Manual Integrations  
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6/1/2018 6:37:12 PM



#52  
Toluene  
Concen: 19.793 ug/l  
RT: 8.79 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 176.9 | 139.4 | 209.2 |





#53

t-1,3-Dichloropropene

Concen: 18.194 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.5  | 25.5  | 38.3  |

Instrument :

MSVOA\_X

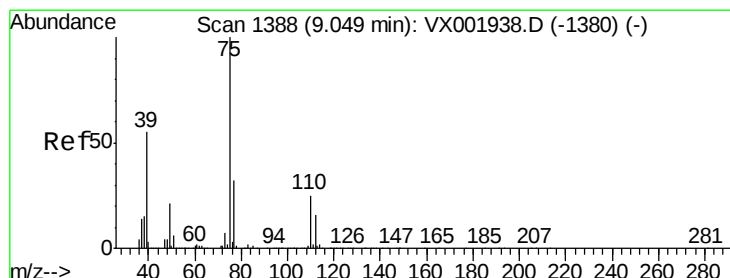
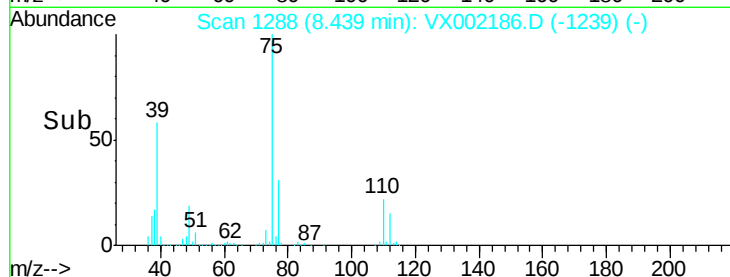
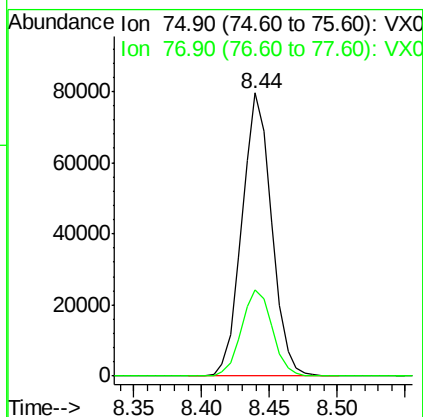
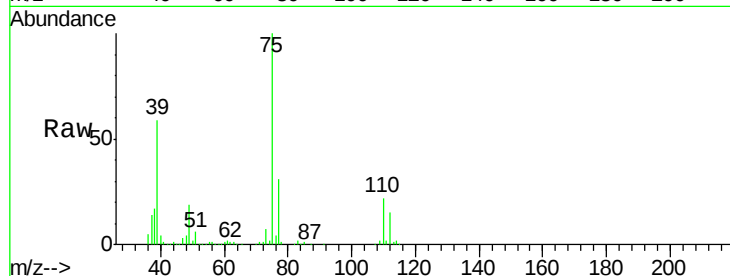
ClientSampleId :

VX0531WBSD03

Manual Integrations  
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6/1/2018 6:37:12 PM



#54

cis-1,3-Dichloropropene

Concen: 17.448 ug/l

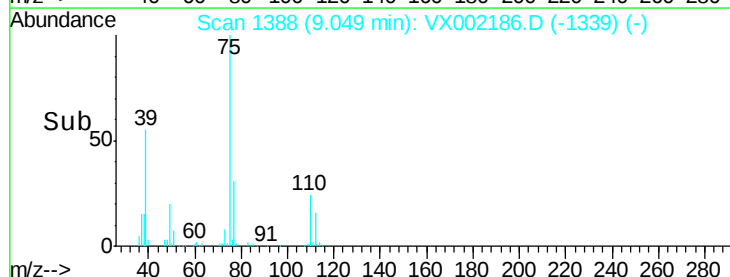
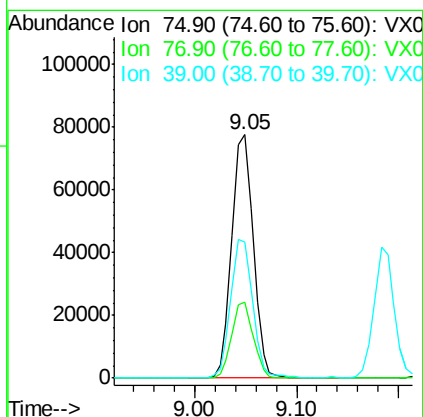
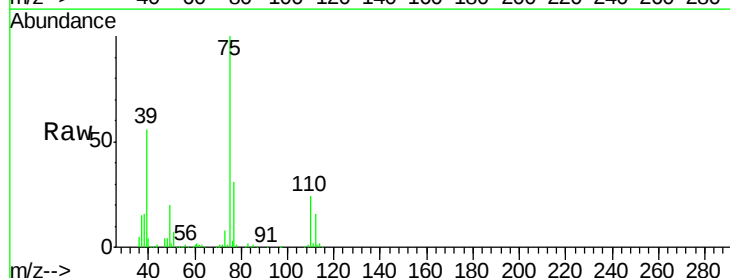
RT: 9.05 min Scan# 1388

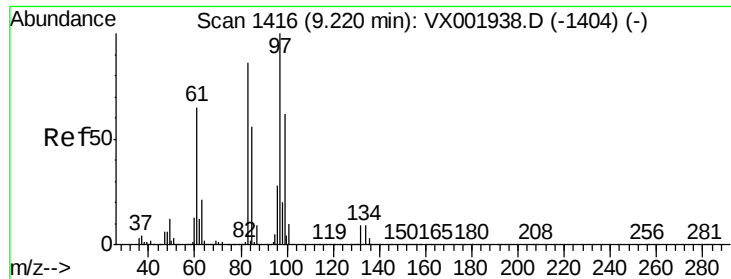
Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.0  | 25.4  | 38.0  |
| 39      | 55.5  | 44.1  | 66.1  |





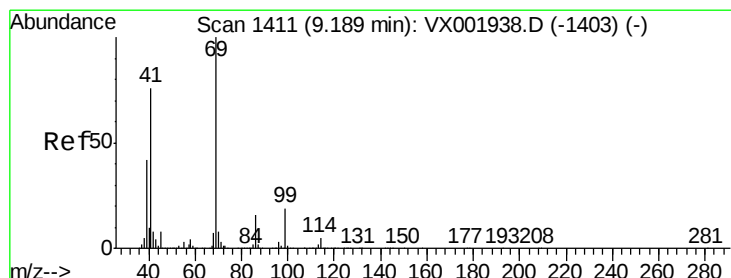
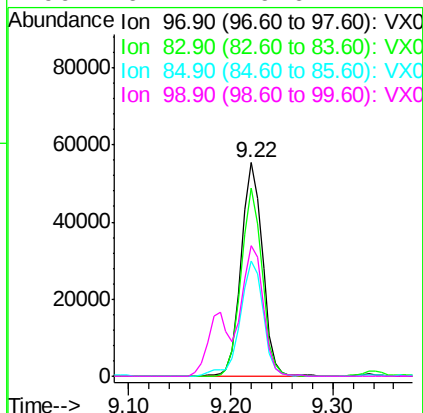
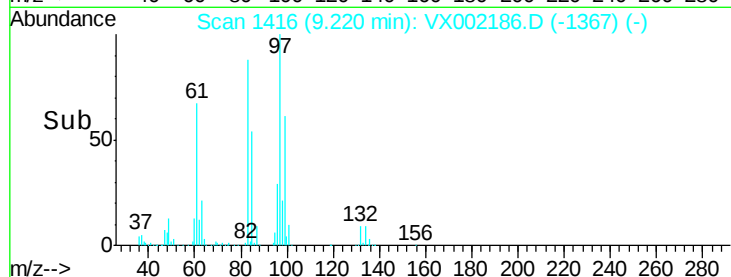
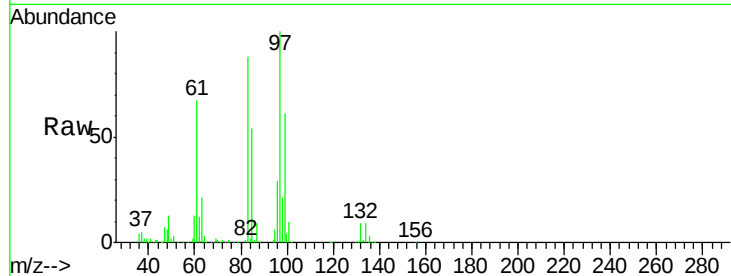
#55  
 1,1,2-Trichloroethane  
 Concen: 20.108 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0531WBSD03

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 80672 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.1  | 69.1  | 103.7 |
| 85       | 54.0  | 45.2  | 67.8  |
| 99       | 61.4  | 49.6  | 74.4  |

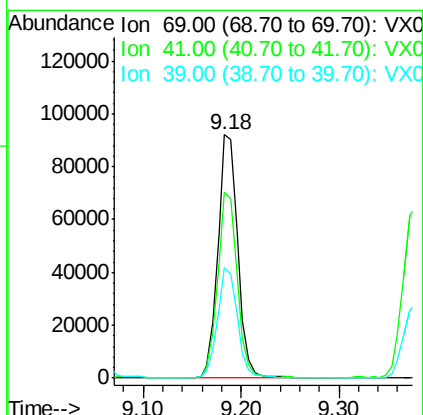
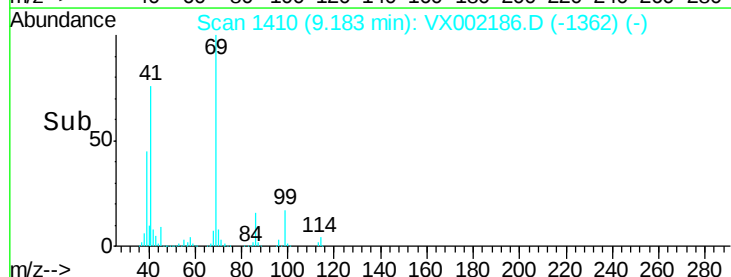
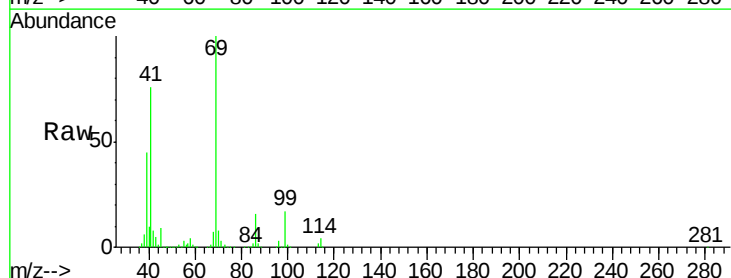
Manual Integrations  
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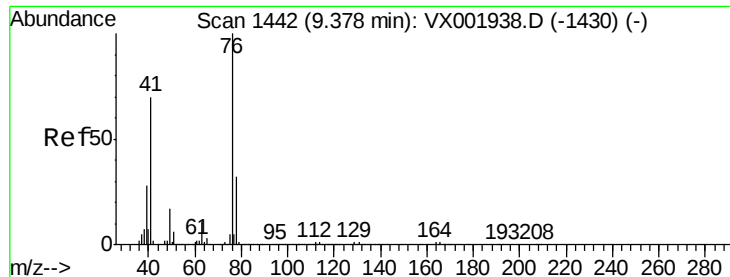
MMDadoda  
 6/1/2018 6:37:12 PM



#56  
 Ethyl methacrylate  
 Concen: 18.831 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. -0.01 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 129942 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 75.2  | 61.0  | 91.6   |
| 39       | 45.6  | 34.4  | 51.6   |





#57

1,3-Dichloropropane

Concen: 20.476 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion: 76 Resp: 135327

Ion Ratio Lower Upper

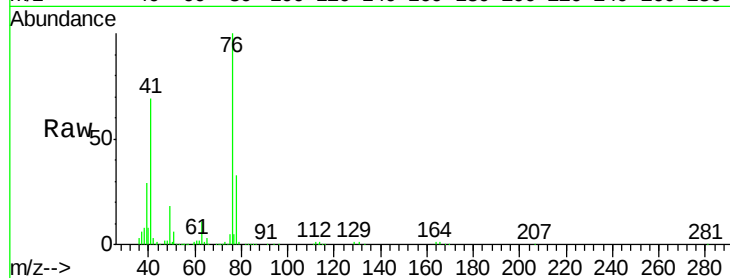
76 100

78 32.2 25.6 38.4

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

100000

80000

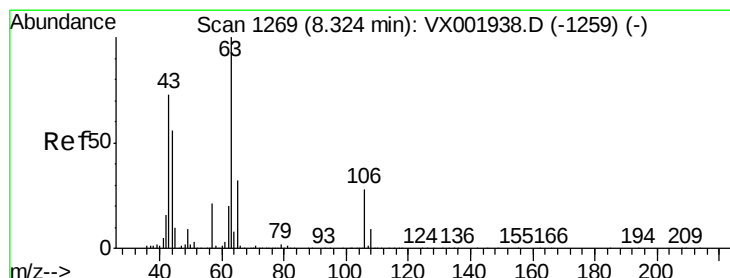
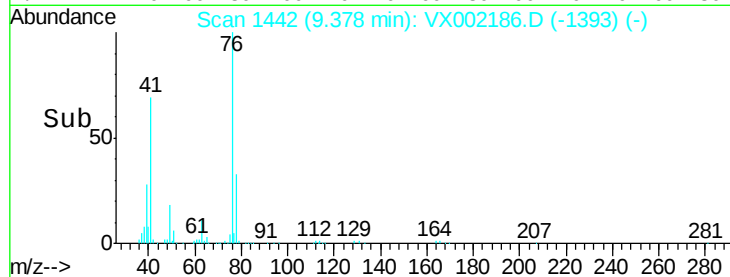
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 91.036 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002186.D

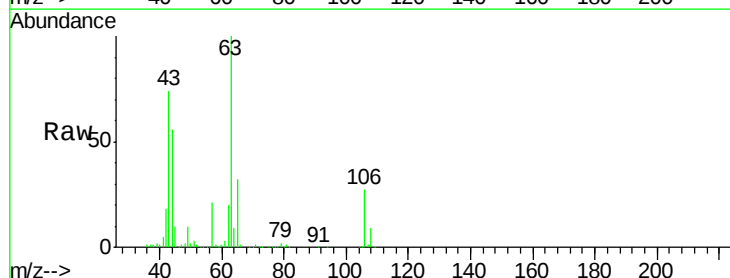
Acq: 31 May 2018 19:57

Tgt Ion: 63 Resp: 278433

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

200000

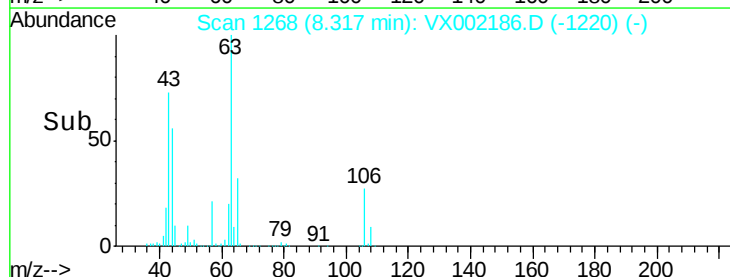
150000

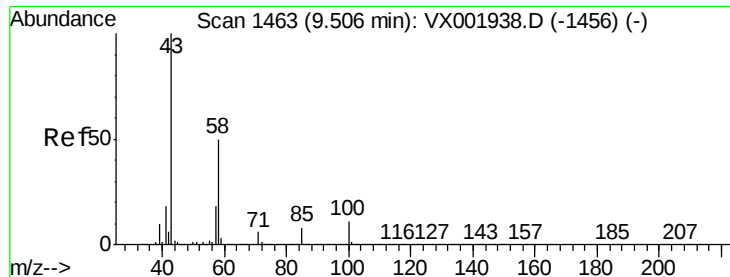
100000

50000

0

Time-->





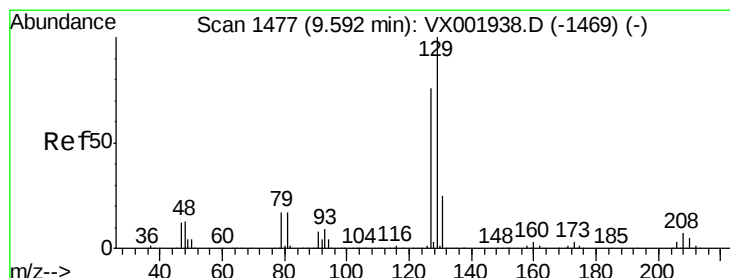
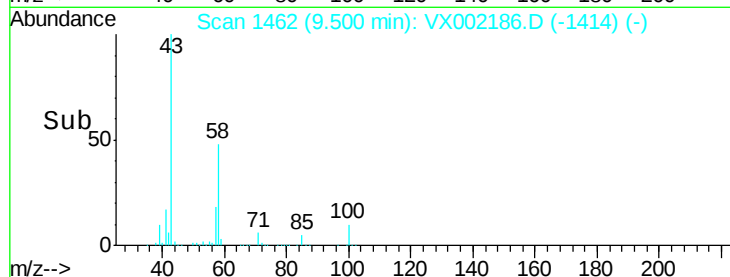
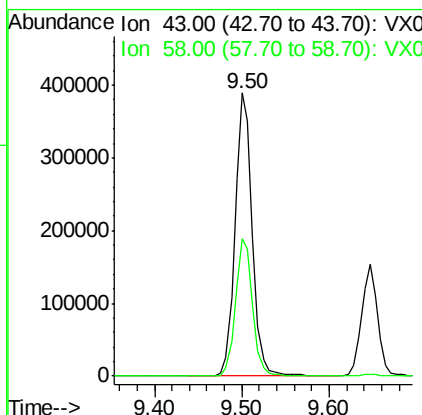
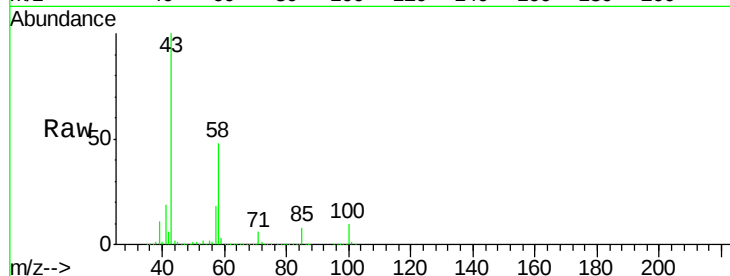
#59  
2-Hexanone  
Concen: 102.586 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.01 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 48.7  | 24.9  | 74.6  |

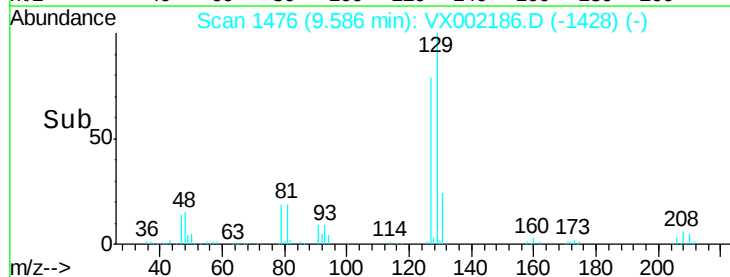
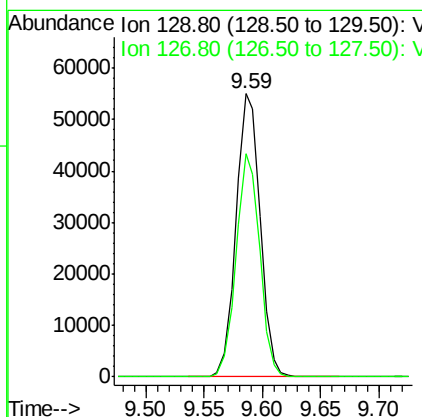
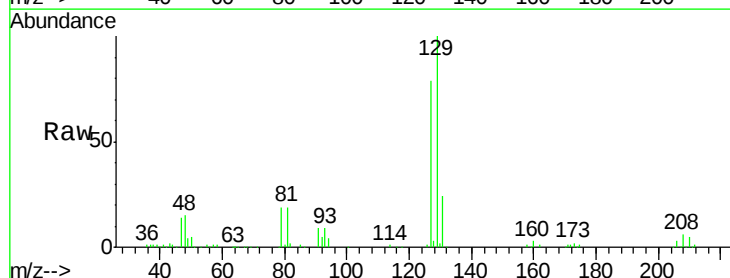
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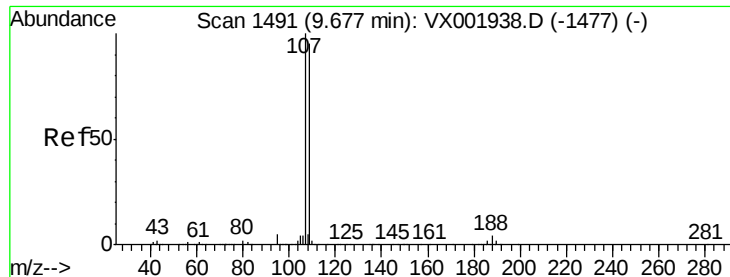
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 16.734 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.01 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.2  | 38.3  | 114.9 |





#61

1,2-Dibromoethane

Concen: 19.963 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion:107 Resp: 84036

Ion Ratio Lower Upper

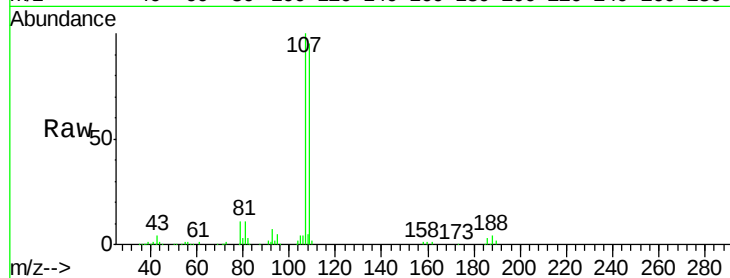
107 100

109 93.3 75.3 112.9

Manual Integrations  
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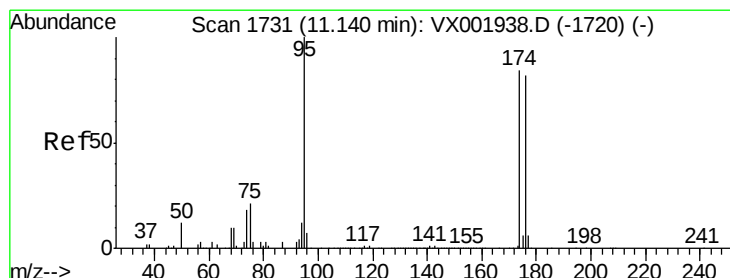
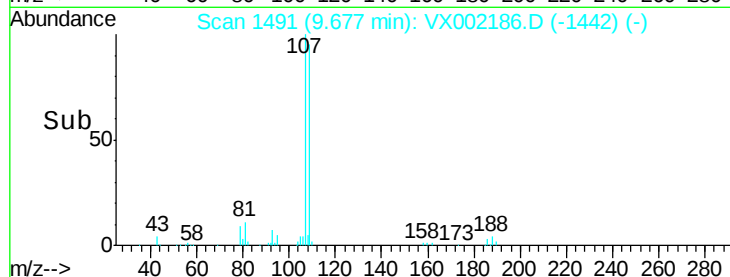
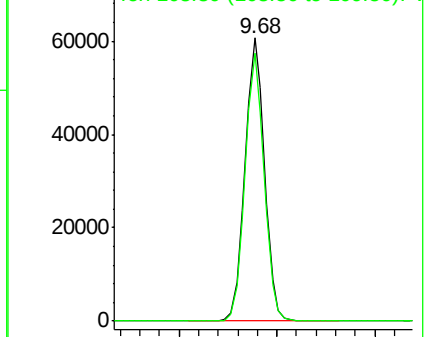
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.330 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

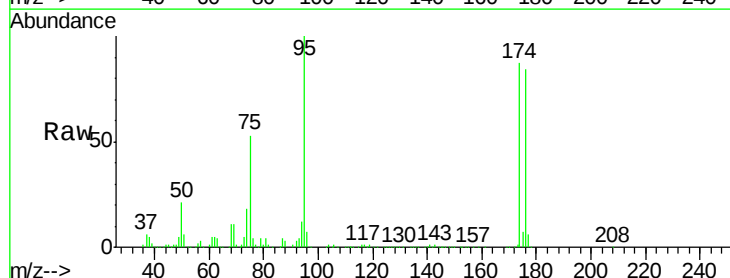
Tgt Ion: 95 Resp: 222035

Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.8

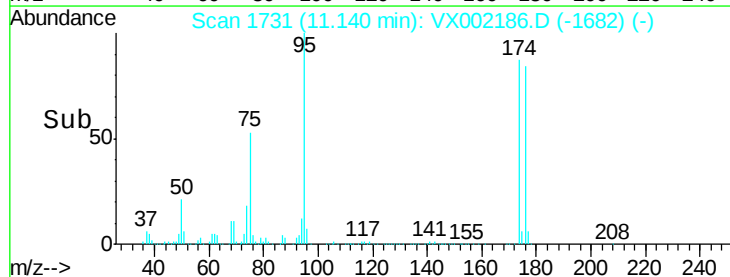
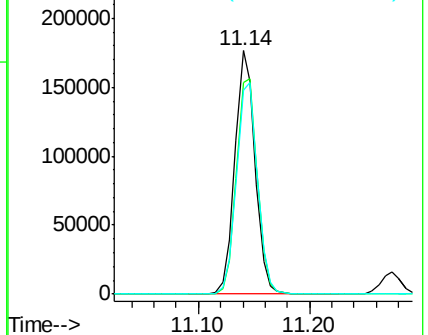
176 90.8 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

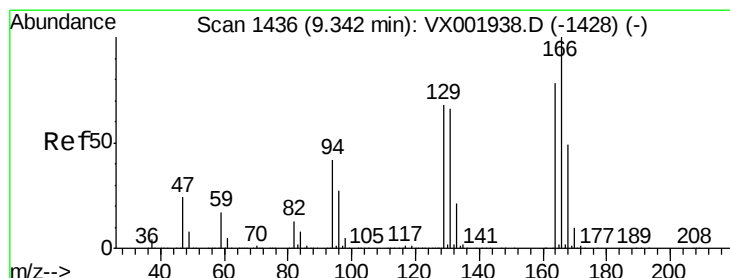
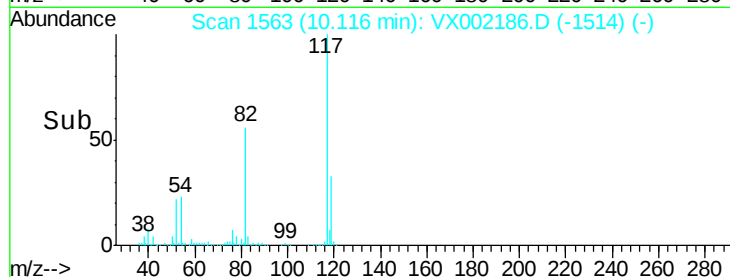
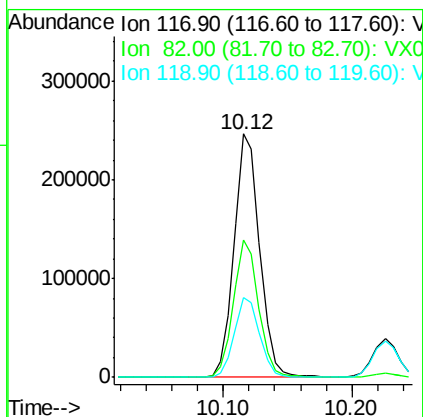
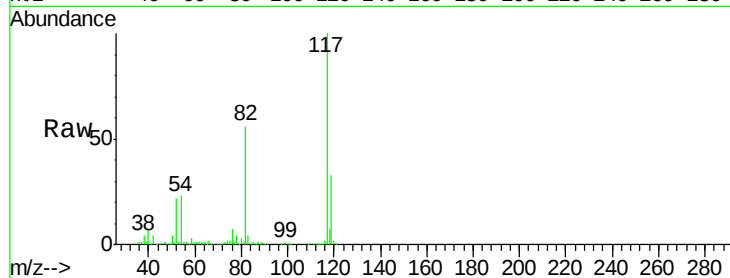
ClientSampleId :

VX0531WBSD03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 117   | Resp: | 341742 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 56.3  | 44.8  | 67.2   |
| 119       | 32.6  | 25.5  | 38.3   |

Manual Integrations  
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#64

Tetrachloroethene

Concen: 19.219 ug/l

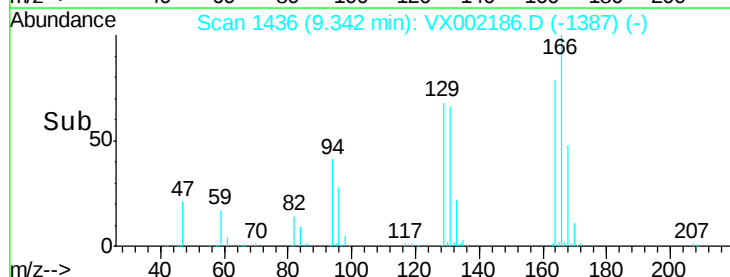
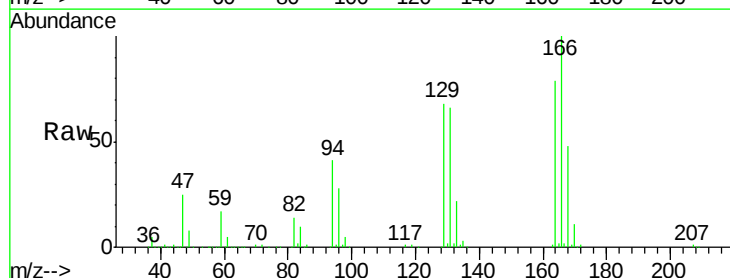
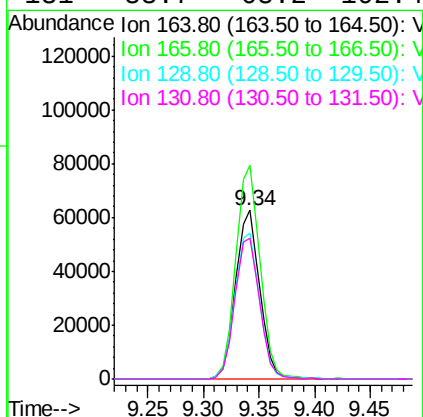
RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 94168 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 126.7 | 102.7 | 154.1 |
| 129       | 86.5  | 70.3  | 105.5 |
| 131       | 83.7  | 68.2  | 102.4 |





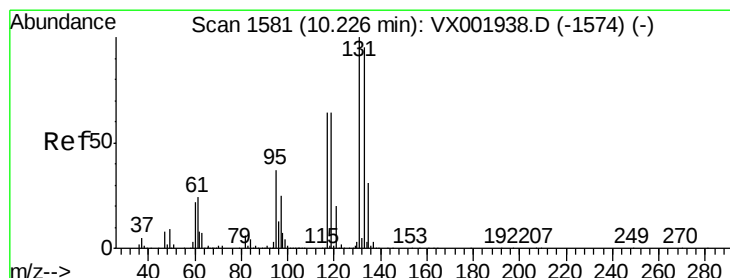
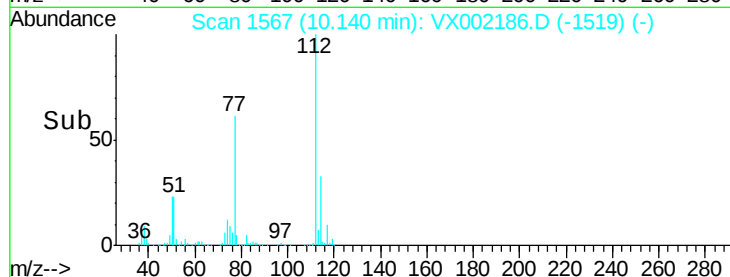
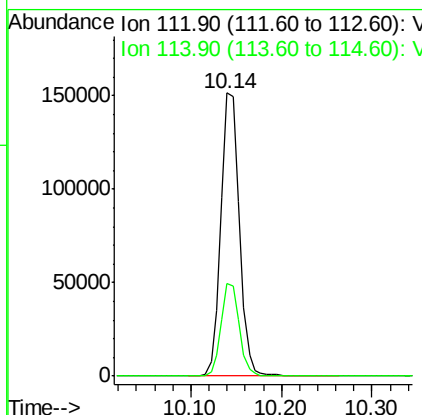
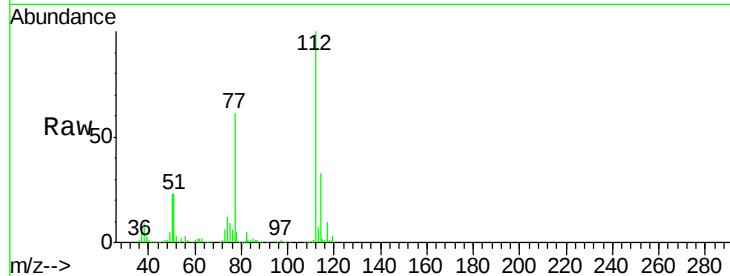
#65  
Chlorobenzene  
Concen: 20.064 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.6  | 25.9  | 38.9  |

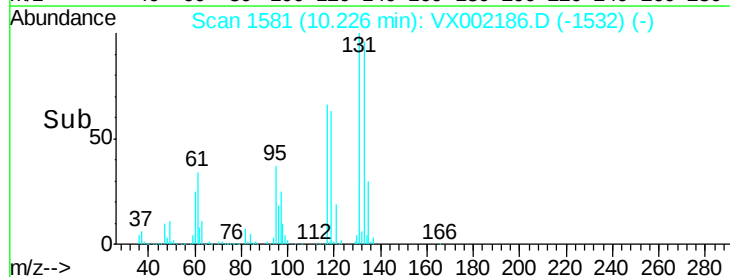
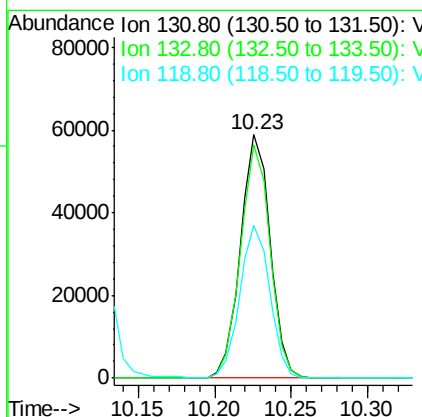
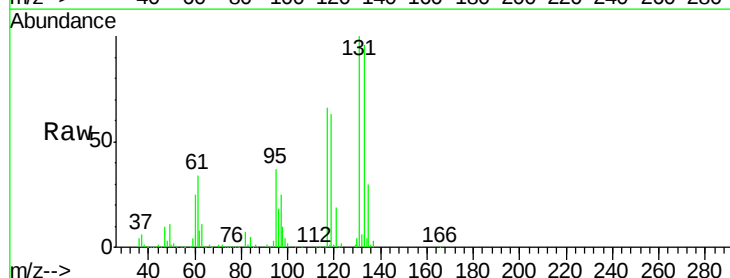
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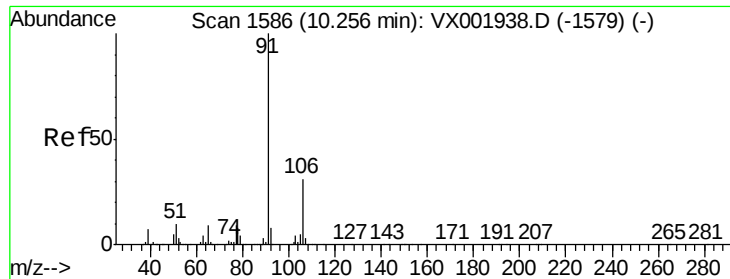
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.164 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.4  | 48.0  | 144.0 |
| 119     | 63.4  | 31.9  | 95.5  |





#67

Ethyl Benzene

Concen: 19.797 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion: 91 Resp: 372411

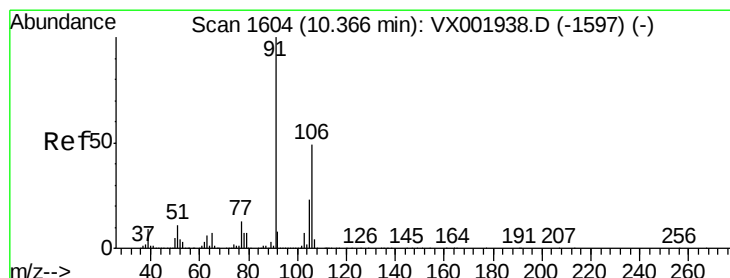
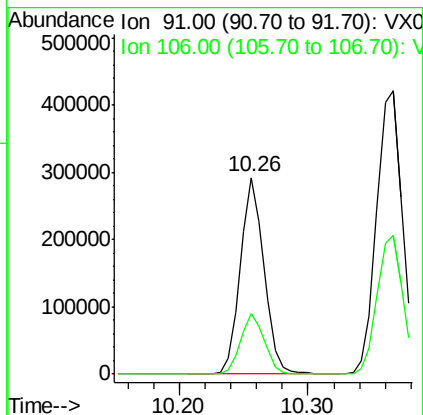
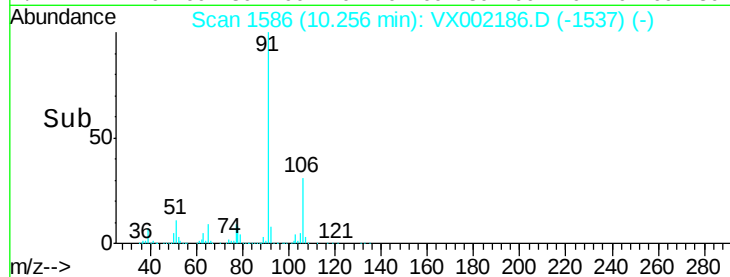
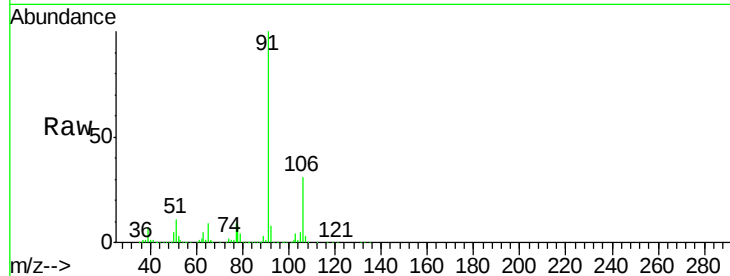
Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.6

Manual Integrations  
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#68

m/p-Xylenes

Concen: 39.887 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002186.D

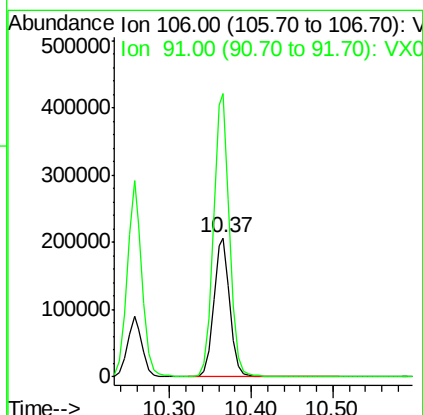
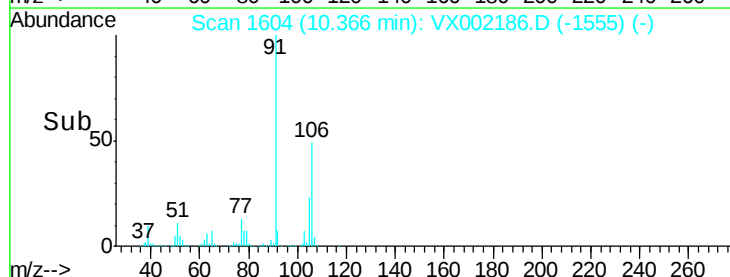
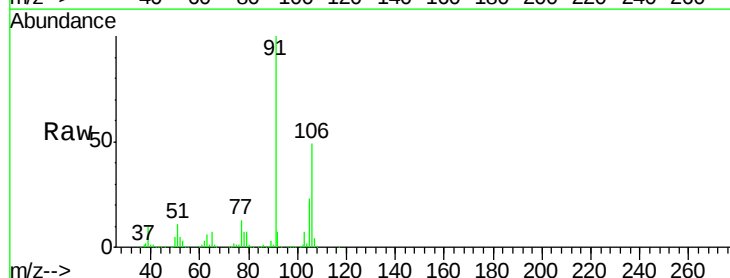
Acq: 31 May 2018 19:57

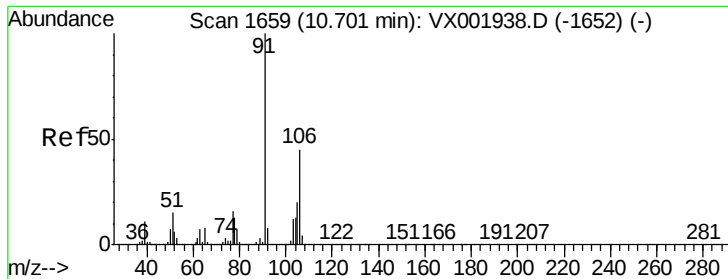
Tgt Ion: 106 Resp: 286829

Ion Ratio Lower Upper

106 100

91 204.4 165.0 247.6





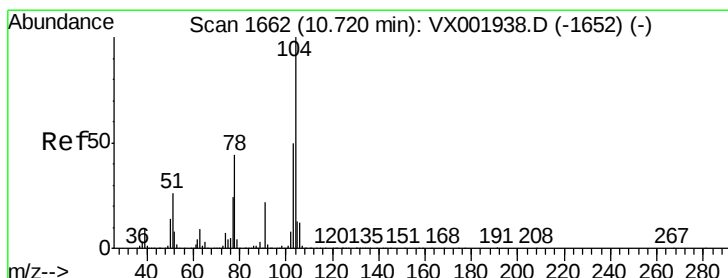
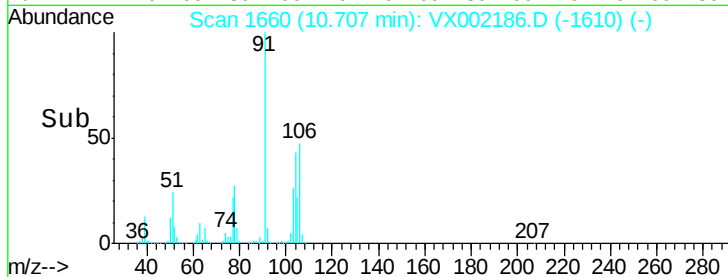
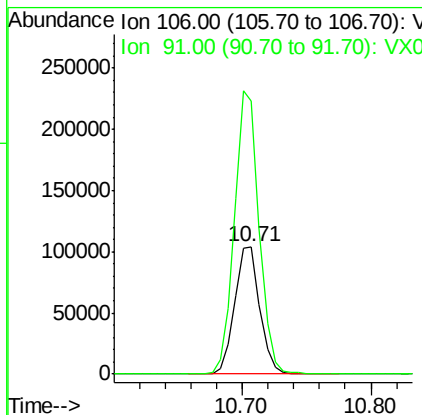
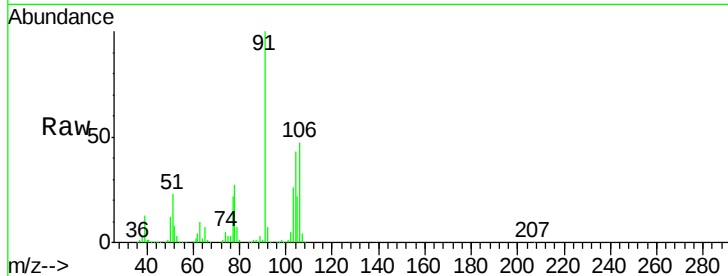
#69  
o-Xylene  
Concen: 19.796 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. 0.01 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 217.5 | 108.7 | 325.9 |

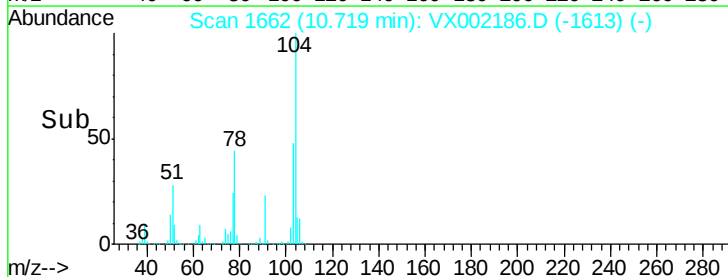
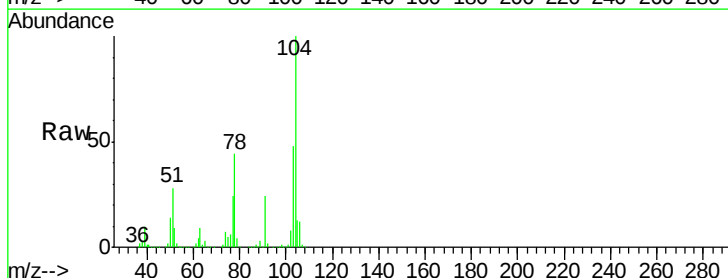
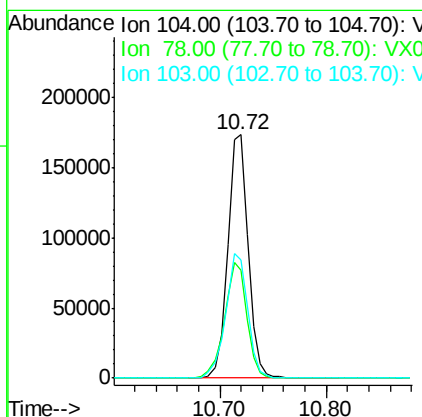
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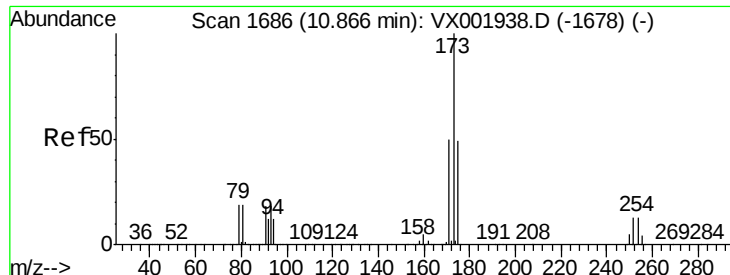
MMDadoda  
6/1/2018 6:37:12 PM



#70  
Styrene  
Concen: 19.614 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 51.9  | 41.8  | 62.6  |
| 103     | 55.6  | 44.6  | 67.0  |





#71

Bromoform

Concen: 14.386 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

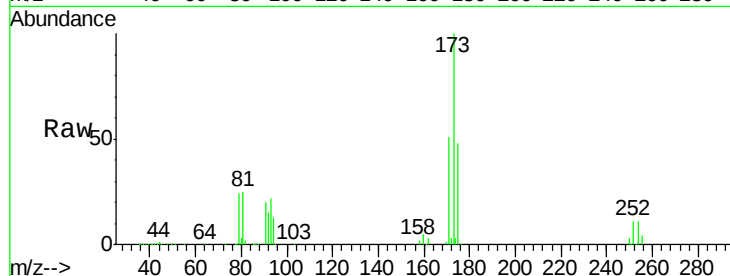
ClientSampleId :

VX0531WBSD03

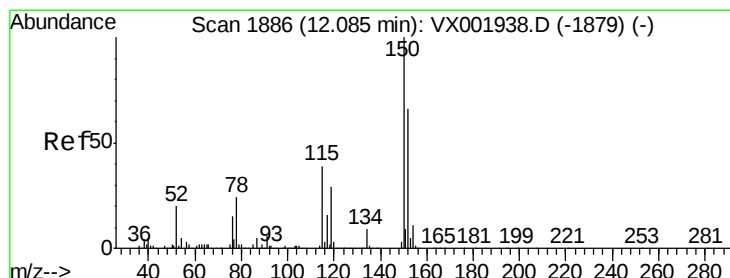
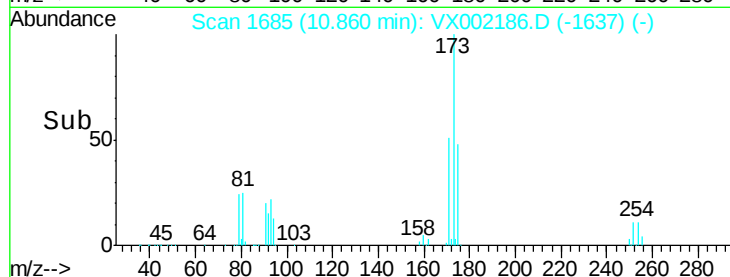
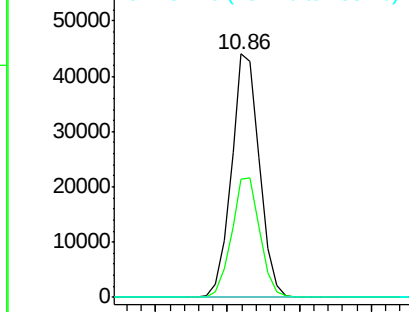
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.5  | 24.3  | 72.9  |
| 254     | 0.0   | 0.1   | 0.1   |

Manual Integrations  
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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: 50.000 ug/l

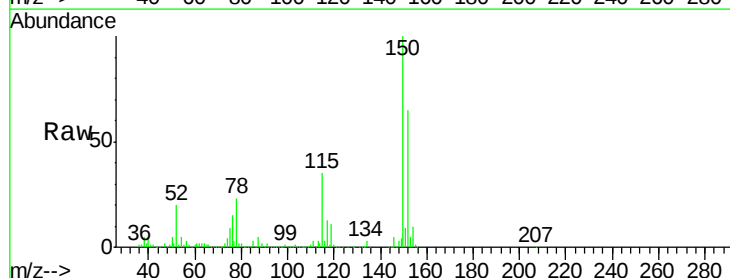
RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

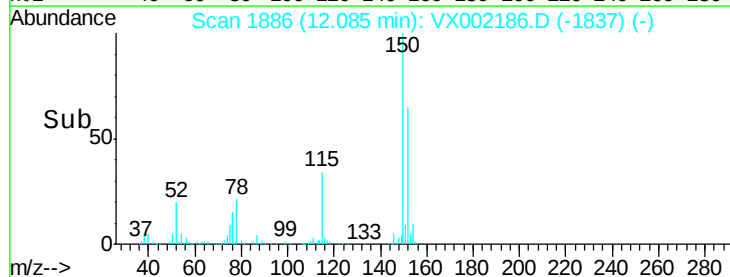
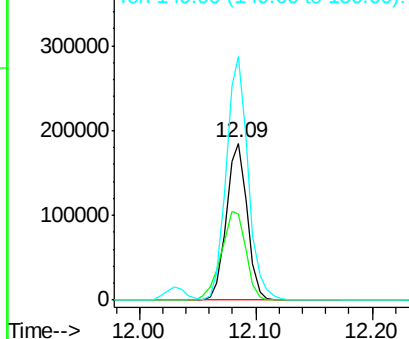
Lab File: VX002186.D

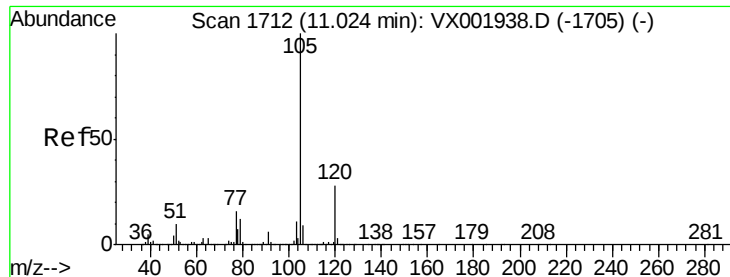
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 67.0  | 42.3  | 126.8 |
| 150     | 163.7 | 0.0   | 351.0 |



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





#73

Isopropylbenzene

Concen: 19.861 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion:105 Resp: 381820

Ion Ratio Lower Upper

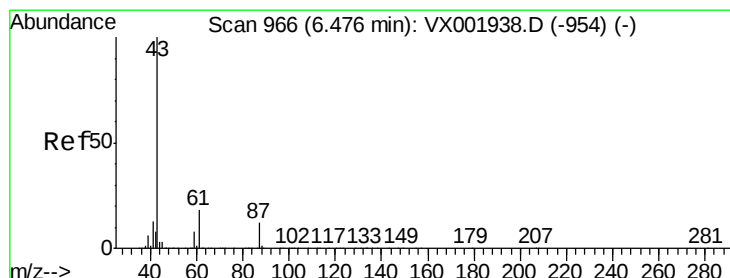
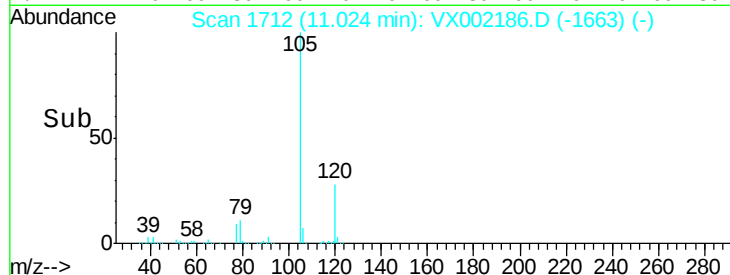
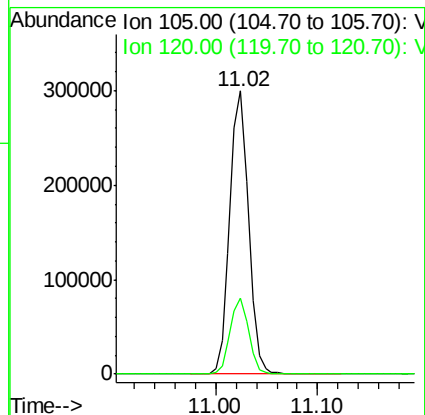
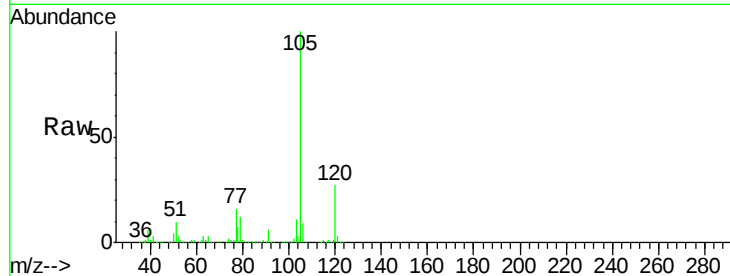
105 100

120 26.7 13.6 40.7

Manual Integrations  
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#74

N-ethyl acetate

Concen: 19.338 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Tgt Ion: 43 Resp: 212156

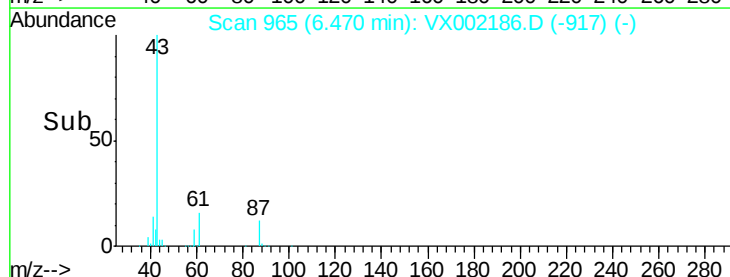
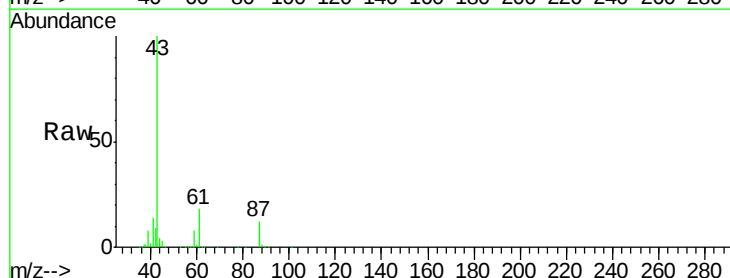
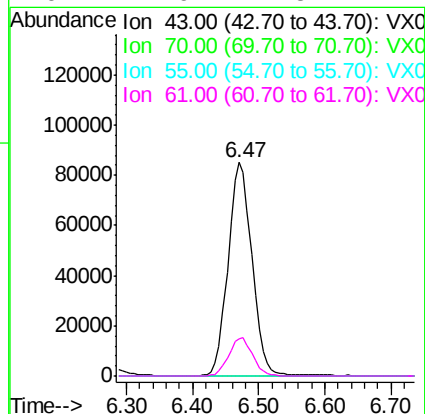
Ion Ratio Lower Upper

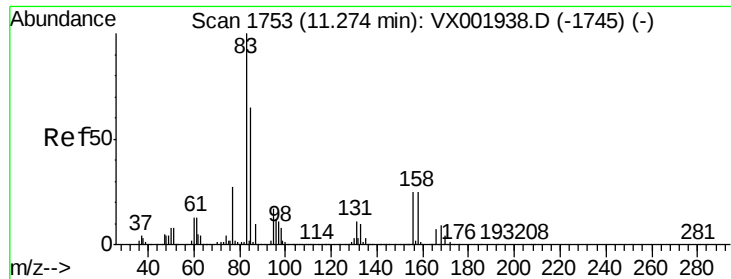
43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 17.9 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.471 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

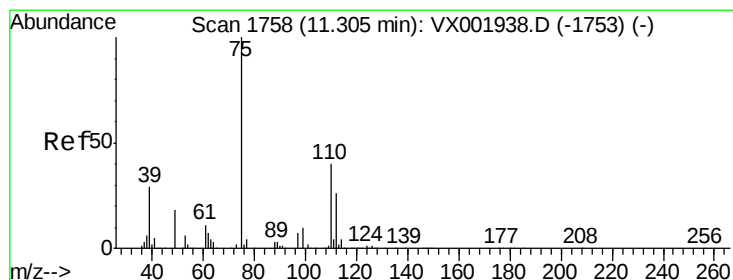
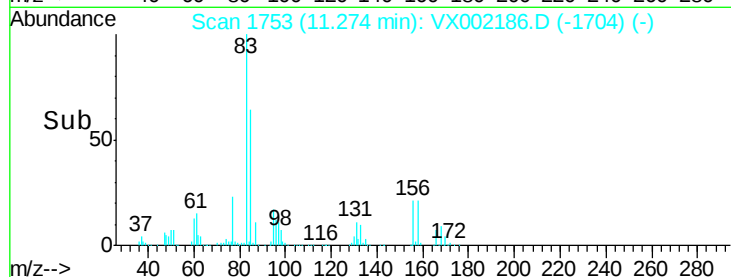
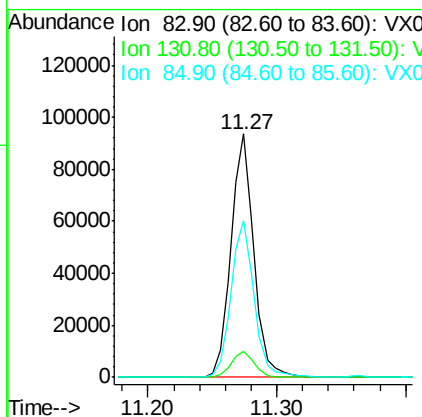
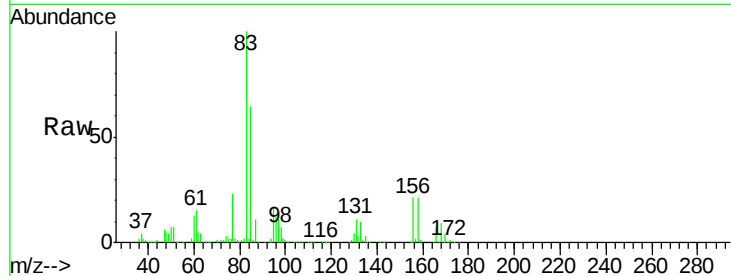
ClientSampleId :

VX0531WBSD03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 116694 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.8  | 5.7   | 17.0   |
| 85        | 64.9  | 32.6  | 97.7   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 22.348 ug/l m

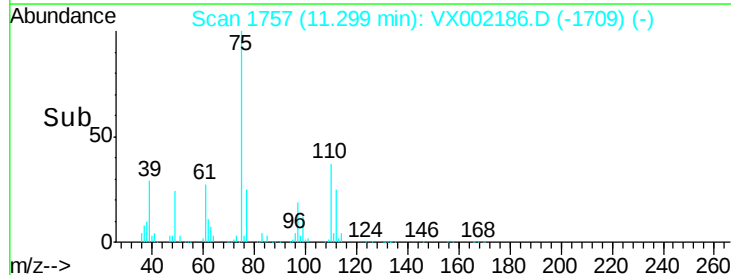
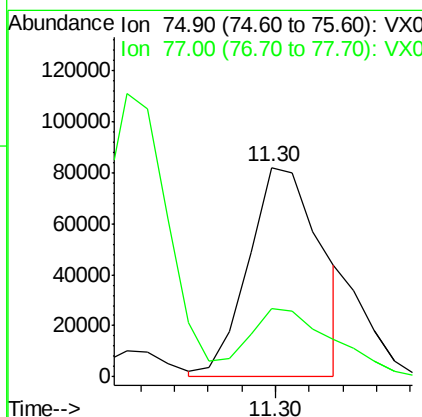
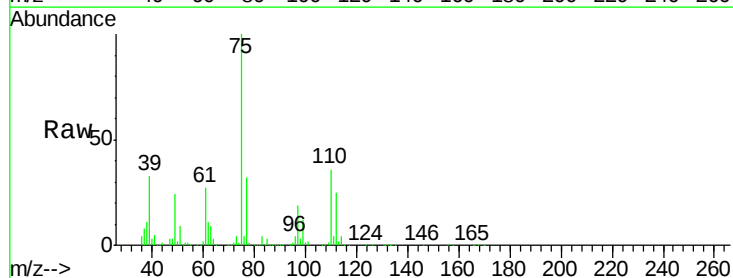
RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 121865 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 38.6  | 22.8  | 68.3   |





#77

Bromobenzene

Concen: 20.170 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion:156 Resp: 102879

Ion Ratio Lower Upper

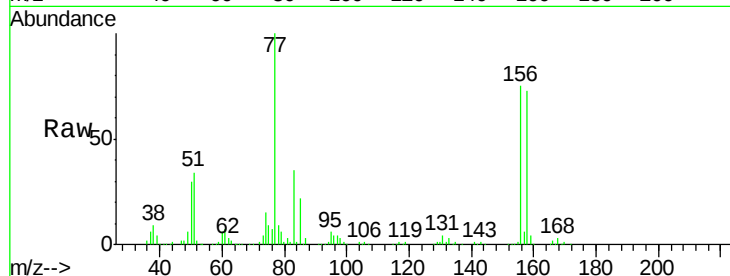
156 100

77 143.9 75.2 225.6

158 96.7 48.6 145.8

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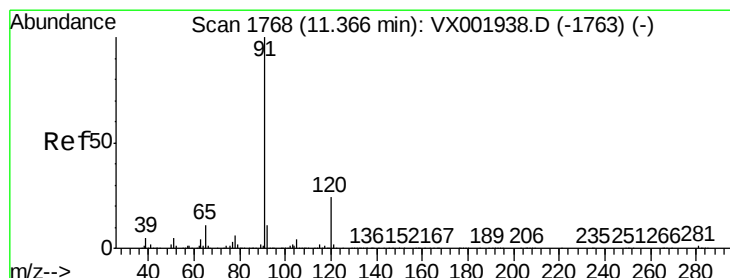
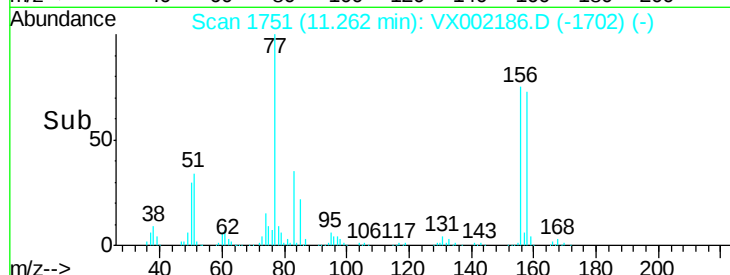
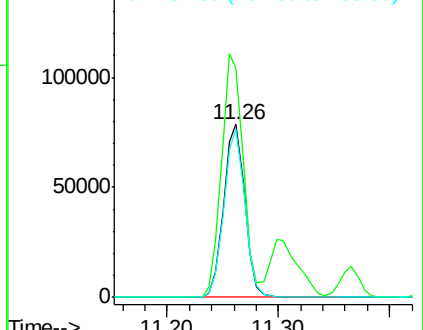
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.876 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002186.D

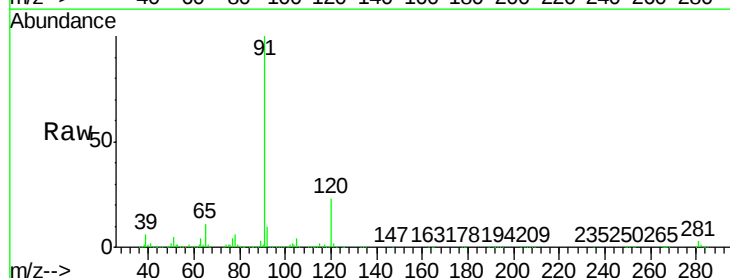
Acq: 31 May 2018 19:57

Tgt Ion: 91 Resp: 427962

Ion Ratio Lower Upper

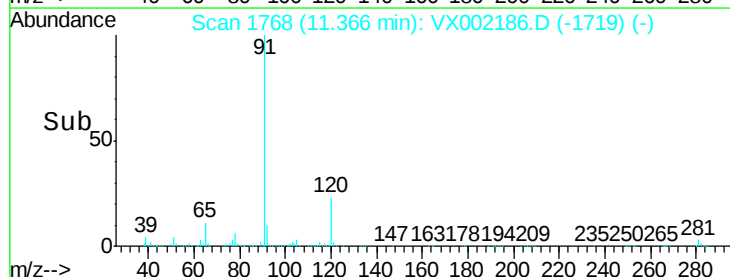
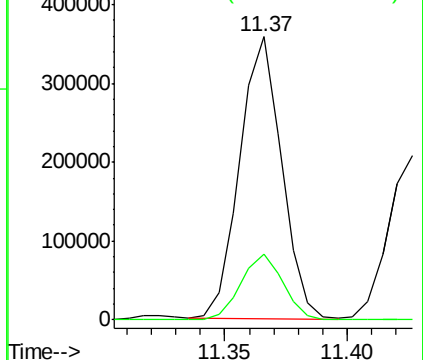
91 100

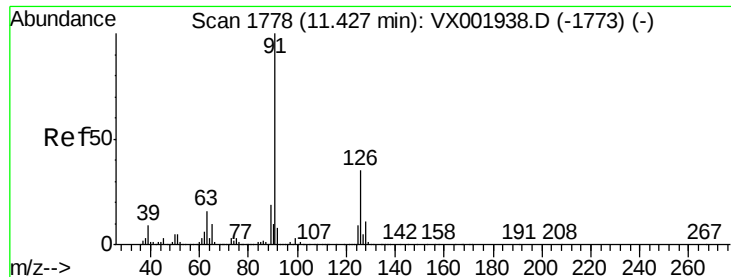
120 23.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.398 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion: 91 Resp: 257049

Ion Ratio Lower Upper

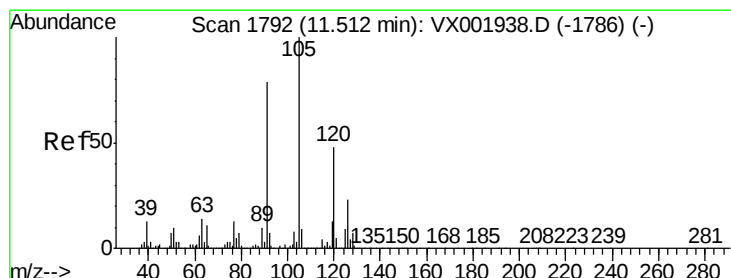
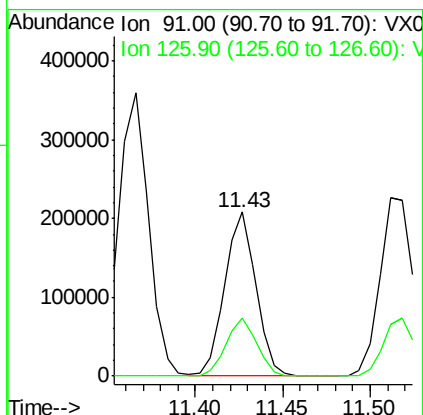
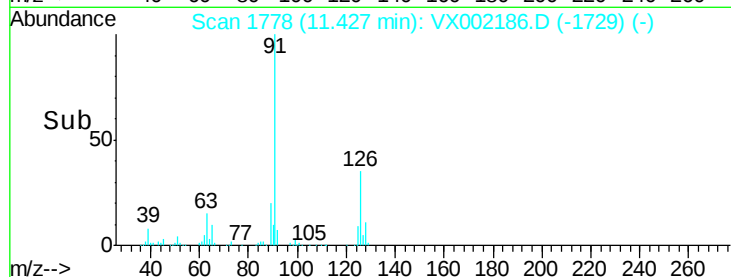
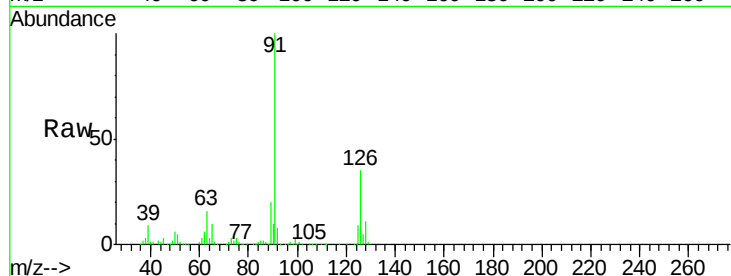
91 100

126 35.2 17.4 52.2

Manual Integrations  
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#80

1,3,5-Trimethylbenzene

Concen: 19.562 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002186.D

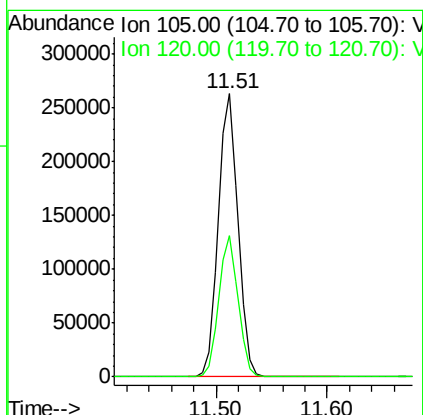
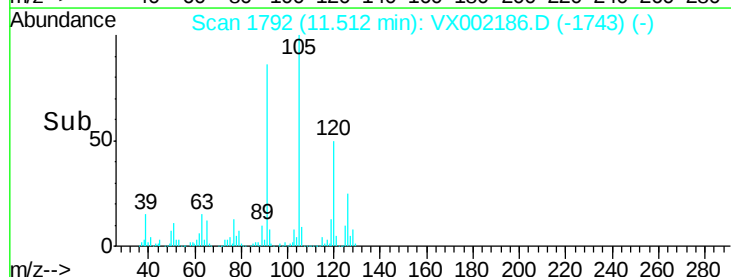
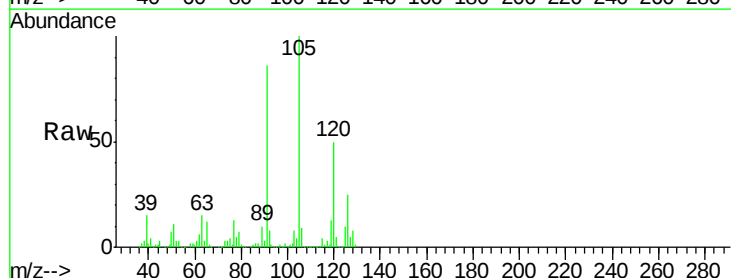
Acq: 31 May 2018 19:57

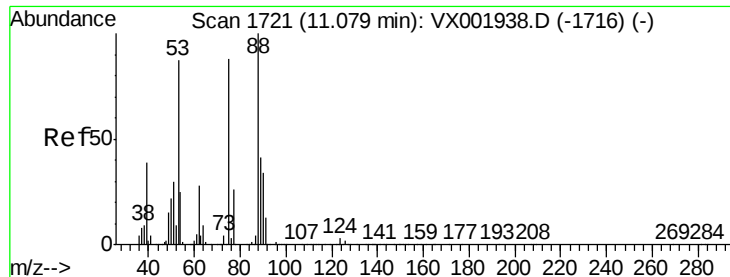
Tgt Ion: 105 Resp: 321390

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.4





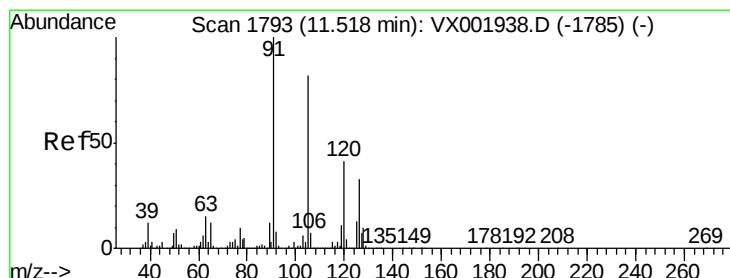
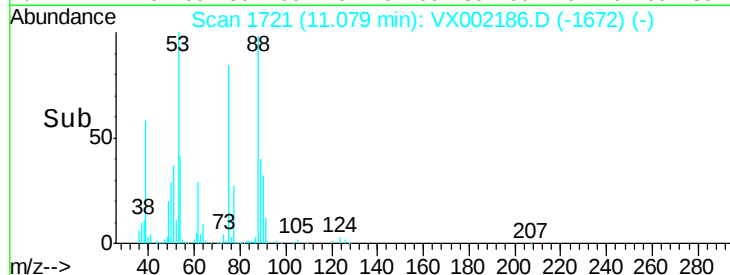
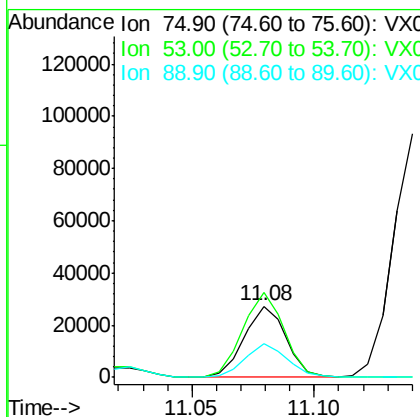
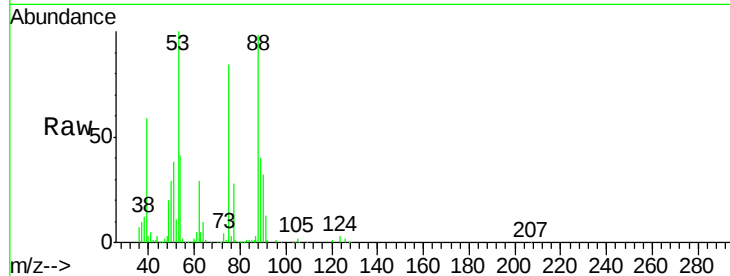
#81  
trans-1,4-Dichloro-2-butene  
Concen: 14.136 ug/l  
RT: 11.08 min Scan# 1721  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 75      | 100   |       |        |
| 53      | 122.0 | 78.0  | 117.0# |
| 89      | 49.5  | 39.4  | 59.2   |

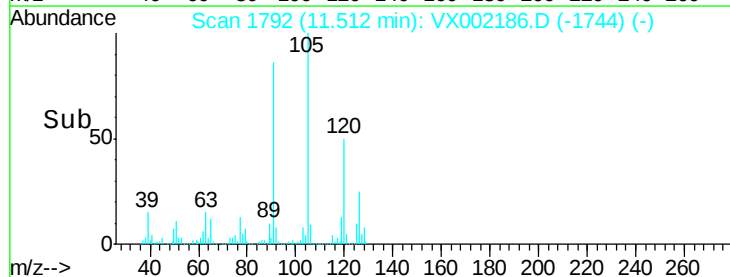
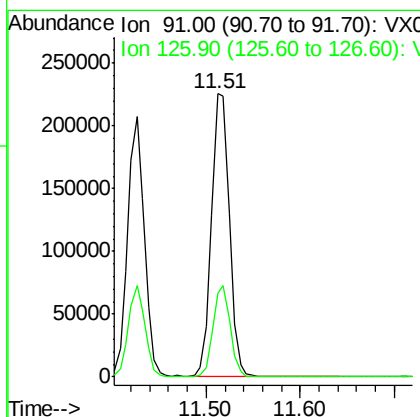
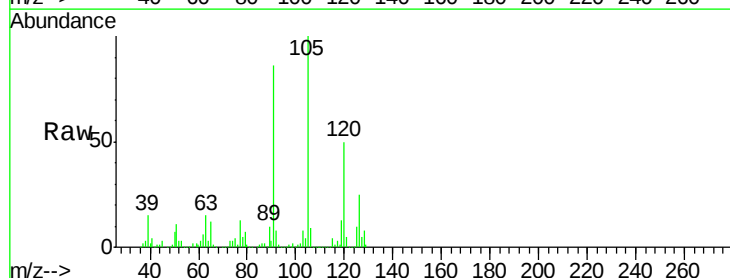
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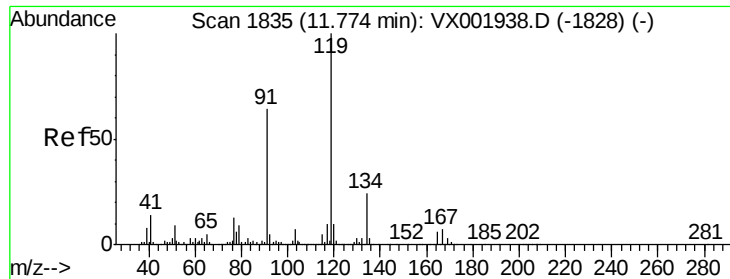
MMDadoda  
6/1/2018 6:37:12 PM



#82  
4-Chlorotoluene  
Concen: 19.640 ug/l  
RT: 11.51 min Scan# 1792  
Delta R.T. -0.01 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.7  | 15.3  | 45.8  |





#83

tert-Butylbenzene

Concen: 19.463 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

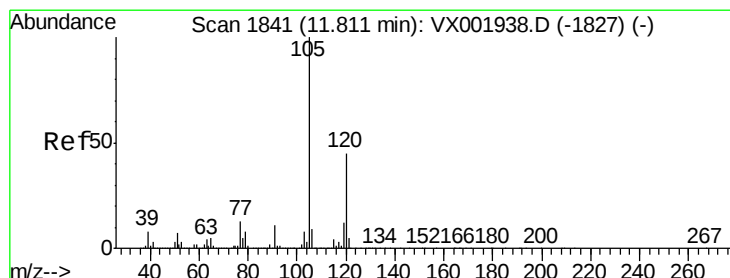
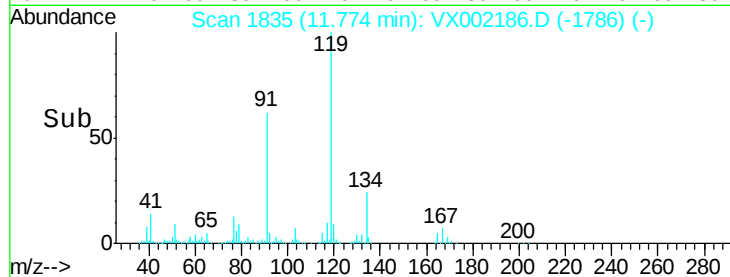
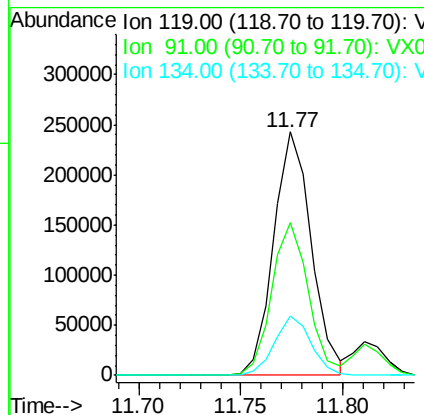
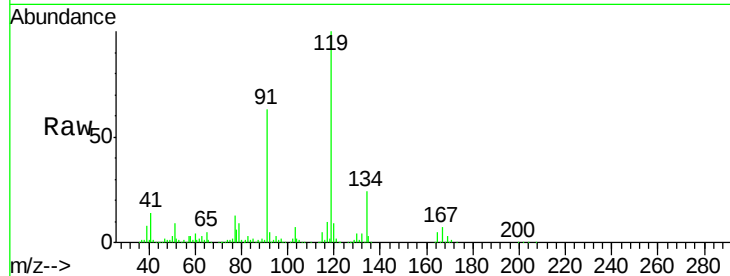
ClientSampleId :

VX0531WBSD03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 313781 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 61.1  | 30.6  | 91.8   |
| 134       | 23.6  | 11.7  | 35.0   |

Manual Integrations  
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#84

1,2,4-Trimethylbenzene

Concen: 19.582 ug/l

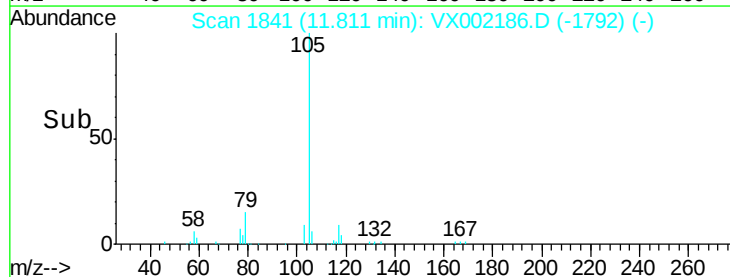
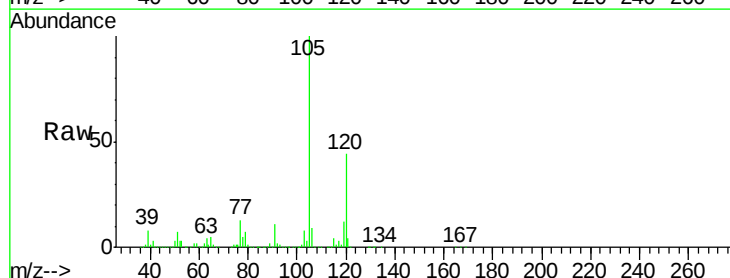
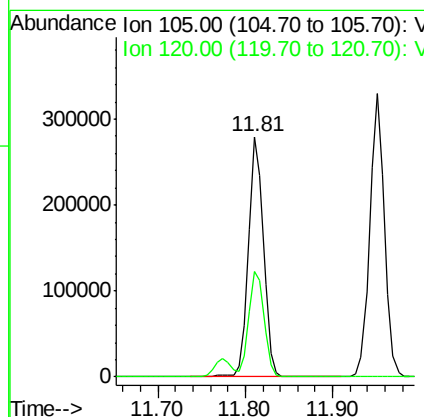
RT: 11.81 min Scan# 1841

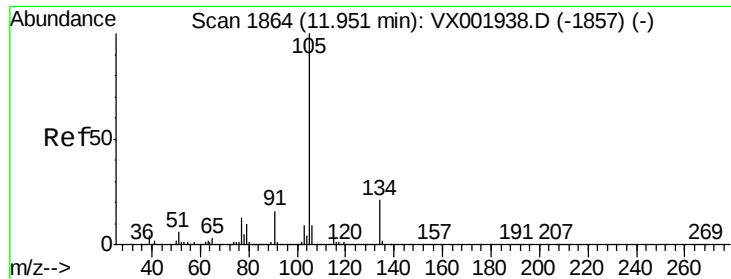
Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 332472 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.3  | 22.1  | 66.5   |





#85

sec-Butylbenzene

Concen: 20.056 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0531WBSD03

Tot Ion:105 Resp: 388690

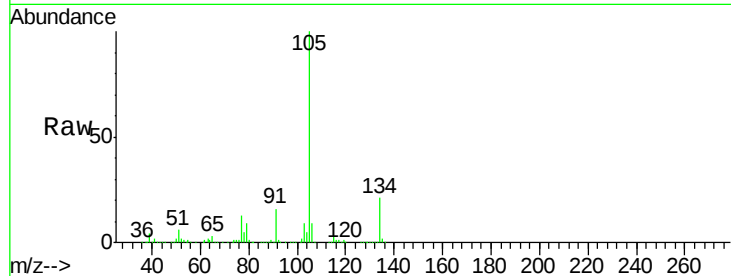
Ion Ratio Lower Upper

105 100

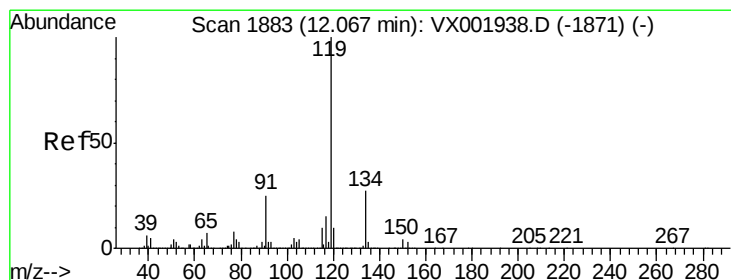
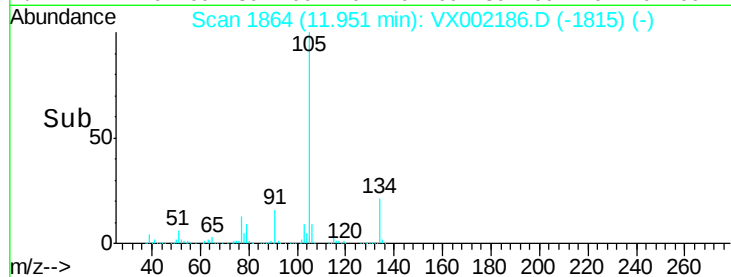
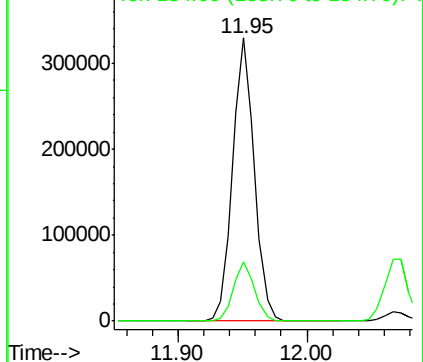
134 20.5 10.4 31.4

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Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.805 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

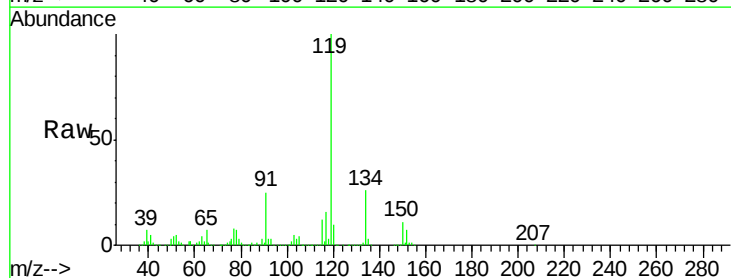
Tgt Ion:119 Resp: 343454

Ion Ratio Lower Upper

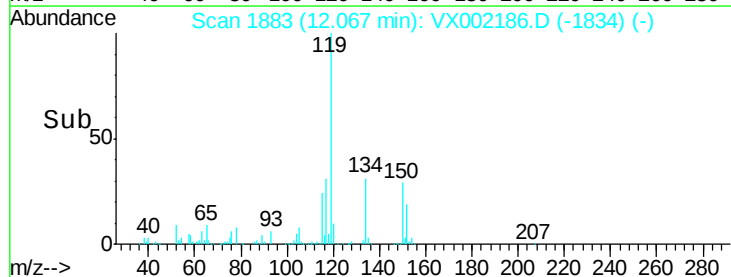
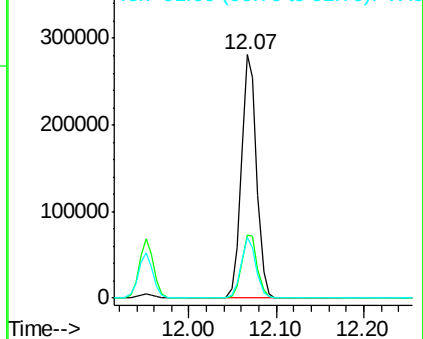
119 100

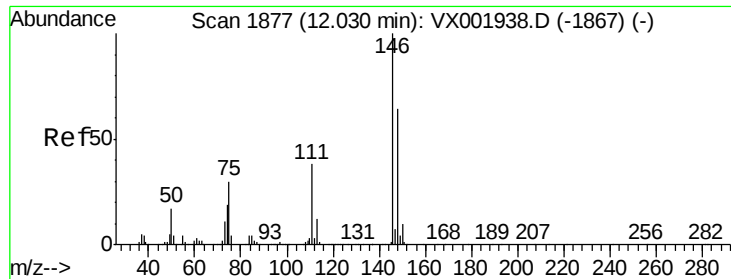
134 26.6 13.6 40.8

91 24.3 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 134.00 (133.70 to 134.70): V  
Ion 91.00 (90.70 to 91.70): V





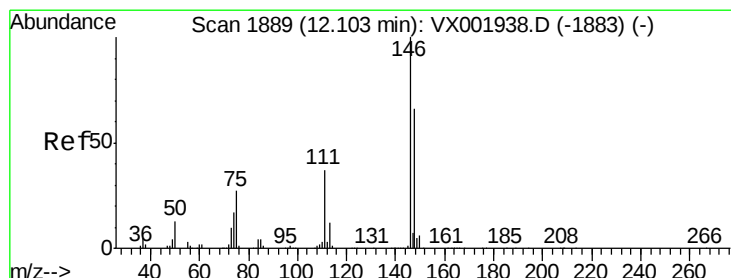
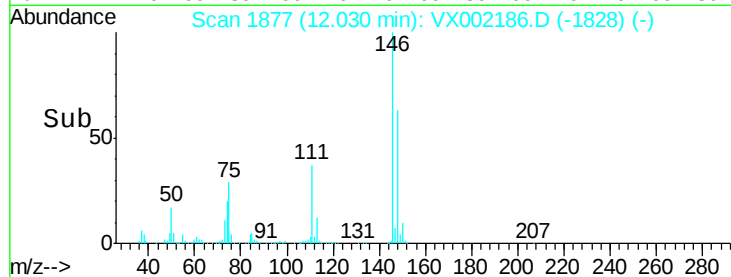
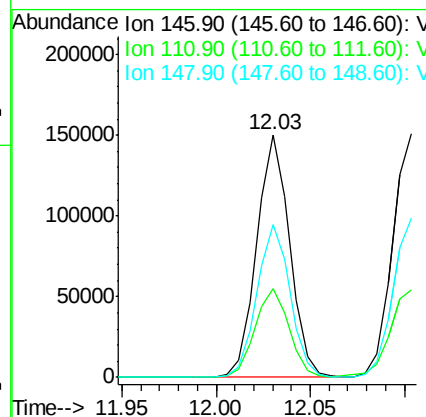
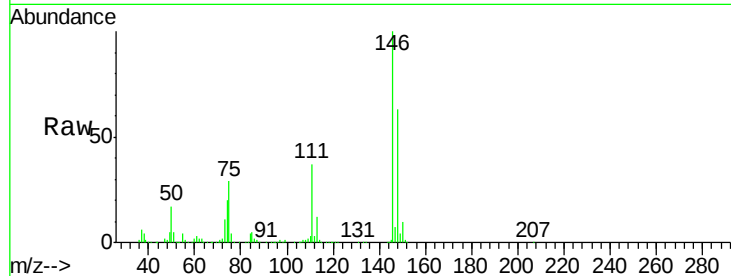
#87  
 1,3-Dichlorobenzene  
 Concen: 19.868 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 19.3  | 57.8  |
| 148     | 63.7  | 32.1  | 96.3  |

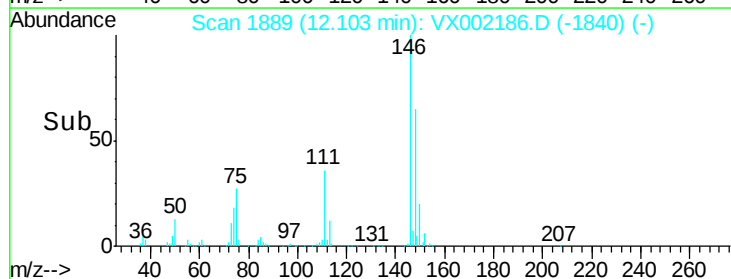
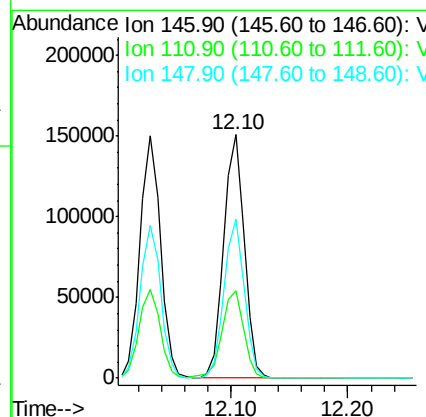
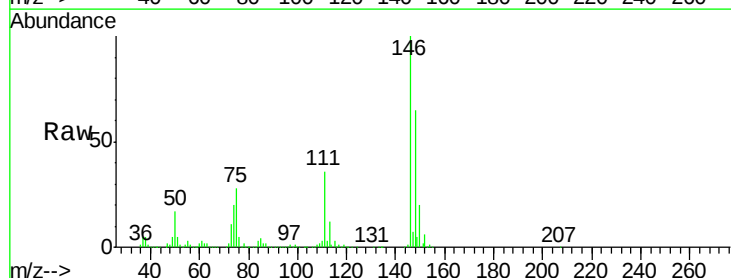
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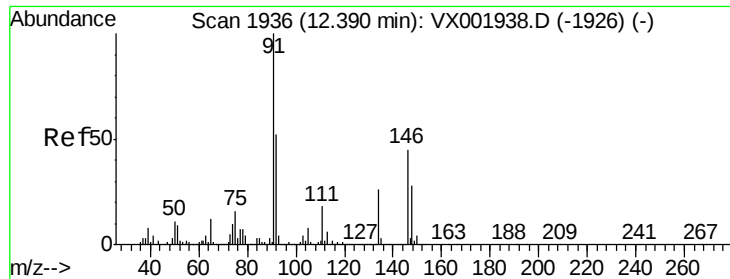
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.063 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 18.9  | 56.5  |
| 148     | 64.4  | 32.3  | 96.8  |





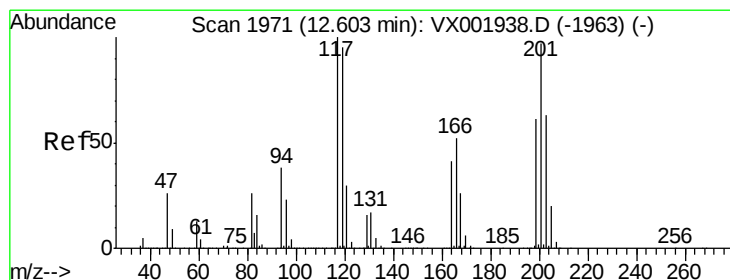
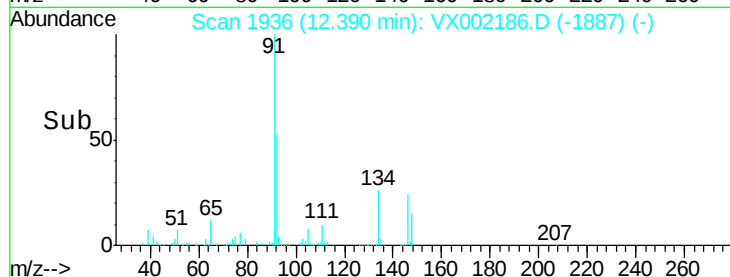
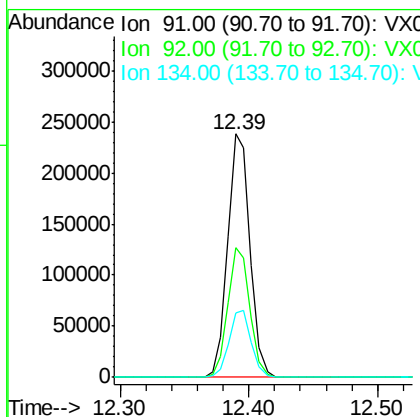
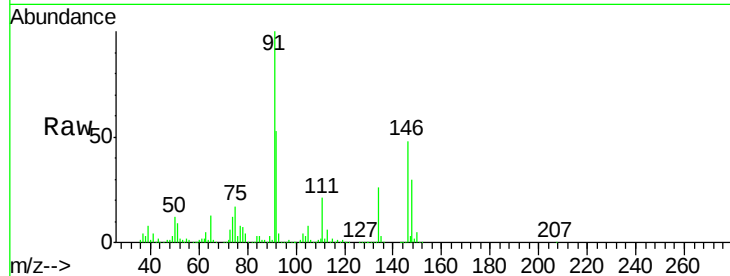
#89  
n-Butylbenzene  
Concen: 19.774 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0531WBSD03

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 290569 |       |       |
| 92      | 52.5  | 26.3   | 78.9  |       |
| 134     | 27.2  | 13.6   | 40.7  |       |

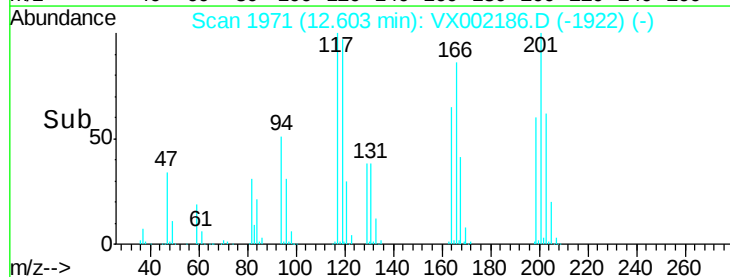
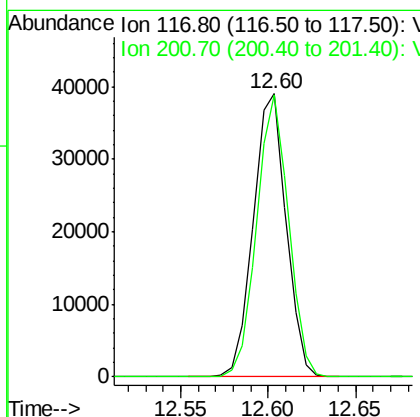
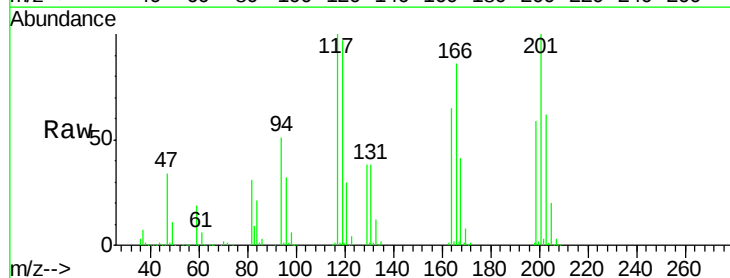
Manual Integrations  
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#90  
Hexachloroethane  
Concen: 14.831 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: VX002186.D  
Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 50733 |       |       |
| 201     | 96.6  | 48.0  | 144.0 |       |





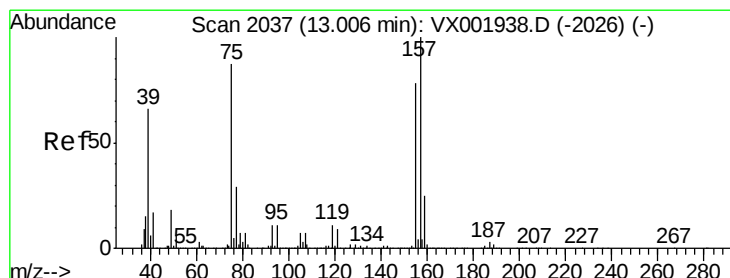
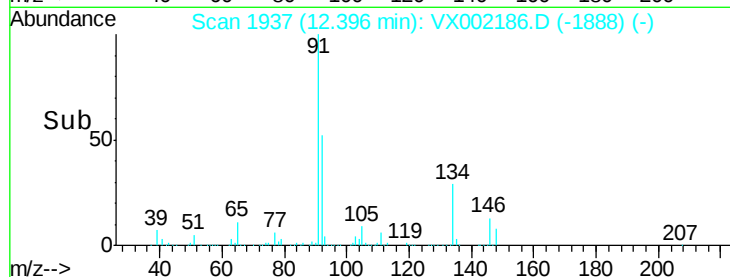
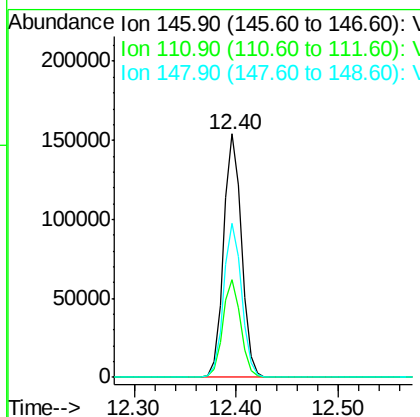
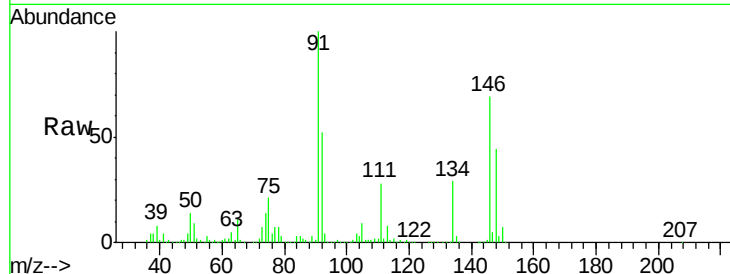
#91  
 1,2-Dichlorobenzene  
 Concen: 20.260 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0531WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.1  | 19.8  | 59.3  |
| 148     | 63.4  | 32.1  | 96.5  |

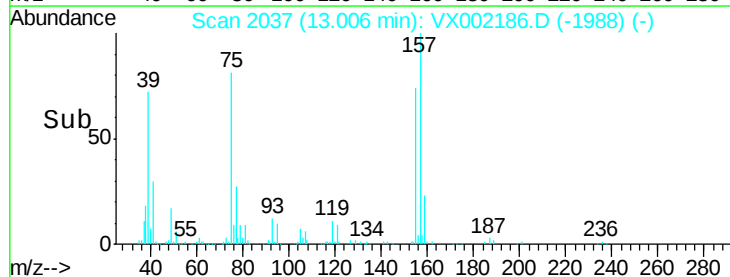
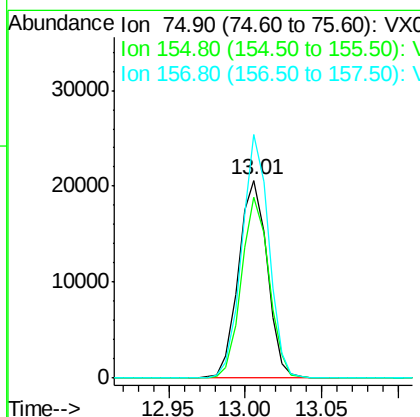
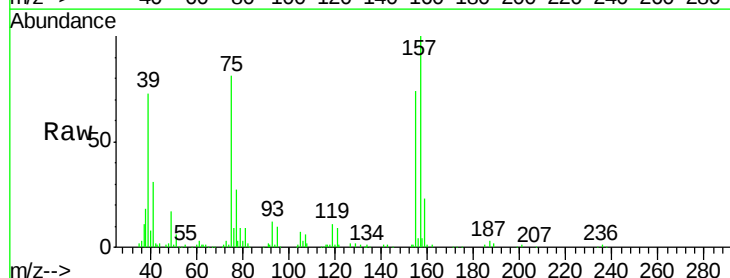
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 15.661 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 88.1  | 45.1  | 135.2 |
| 157     | 115.5 | 58.1  | 174.2 |





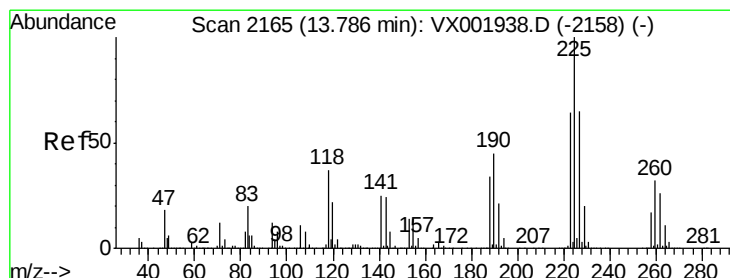
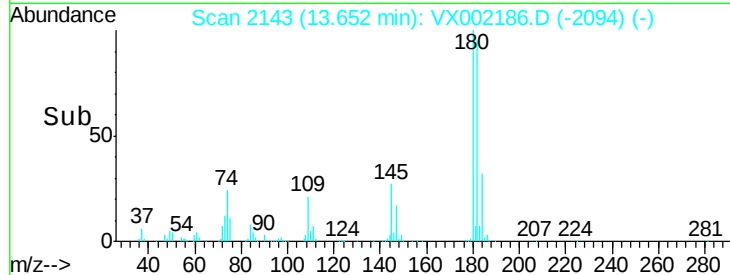
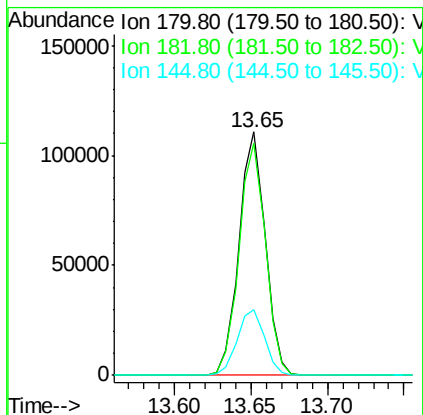
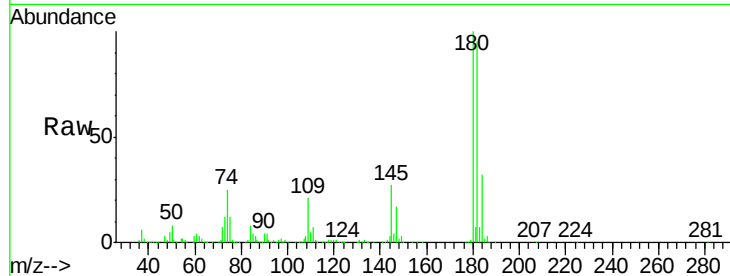
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.741 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0531WBSD03

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 131382 |       |       |
| 182     | 96.2  | 47.7   | 143.1 |       |
| 145     | 28.1  | 14.4   | 43.0  |       |

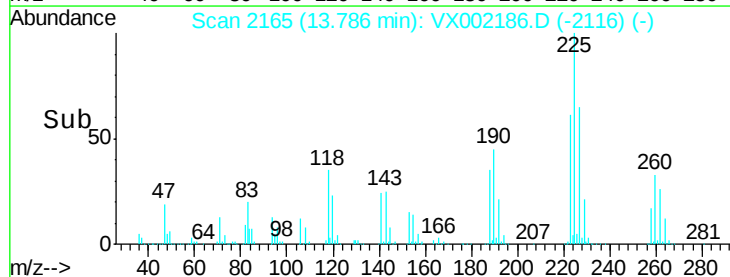
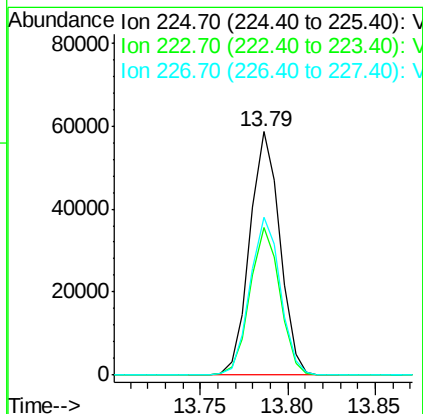
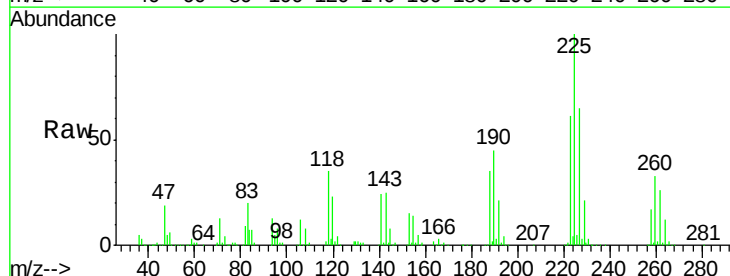
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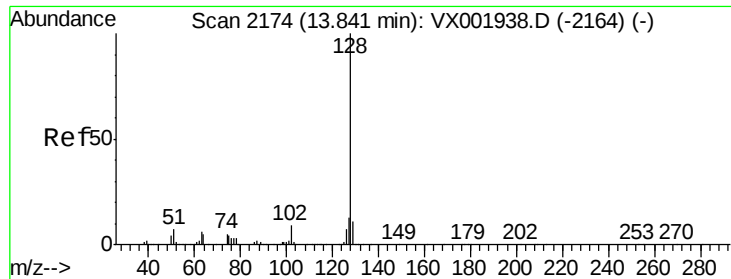
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#94  
 Hexachlorobutadiene  
 Concen: 19.587 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX002186.D  
 Acq: 31 May 2018 19:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 70123 |       |       |
| 223     | 60.4  | 31.1  | 93.5  |       |
| 227     | 65.3  | 32.1  | 96.5  |       |





#95

Naphthalene

Concen: 20.029 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA\_X

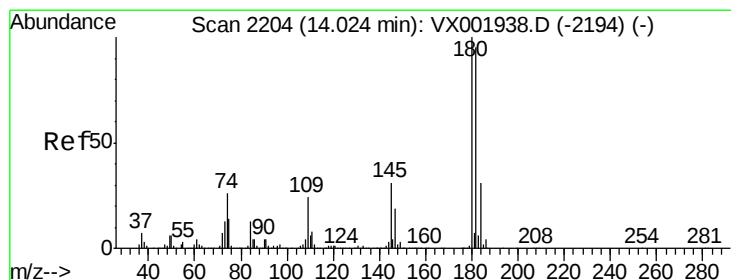
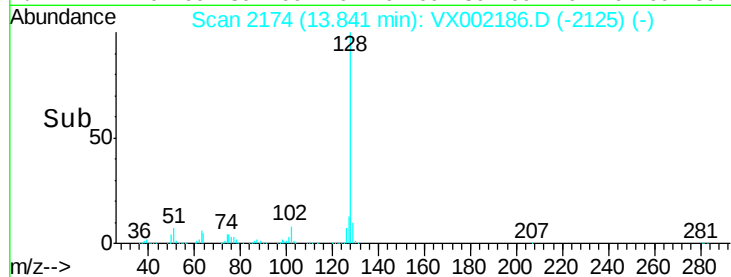
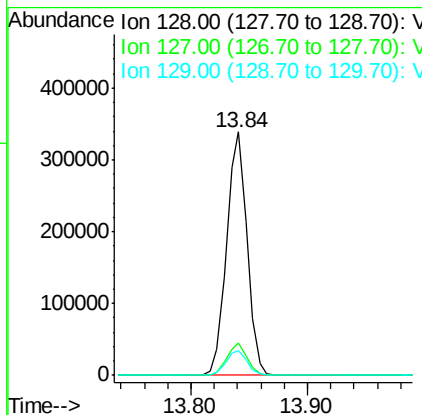
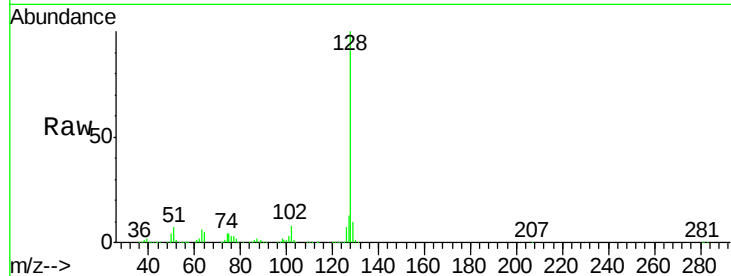
ClientSampleId :

VX0531WBSD03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 410682 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.4  | 15.6   |
| 129       | 10.7  | 8.8   | 13.2   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 20.018 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 137853 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.7  | 47.9  | 143.6  |
| 145       | 30.0  | 15.1  | 45.3   |

