

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\  
 Data File : VX001683.D  
 Acq On : 12 May 2018 22:55  
 Operator : JC/MD  
 Sample : VX0512WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

Manual Integrations  
 APPROVED

apatel  
 5/15/2018 6:32:00 PM

Quant Time: May 14 07:27:29 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sun May 06 07:59:25 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 217931   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 283187   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 264437   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 184194   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 147949   | 47.23 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.46% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 123486   | 49.02 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.04% |      |
| 50) Toluene-d8            | 8.72   | 98  | 429687   | 46.73 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.46% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 156777   | 44.42 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 88.84% |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 54859  | 18.70  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 53011  | 18.55  | ug/l | 97     |
| 4) Vinyl Chloride             | 1.40 | 62  | 58716  | 19.69  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 31944  | 21.44  | ug/l | 98     |
| 6) Chloroethane               | 1.73 | 64  | 38370  | 19.47  | ug/l | 94     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 90296  | 20.12  | ug/l | 97     |
| 8) Diethyl Ether              | 2.19 | 74  | 36597  | 20.81  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 52938  | 20.12  | ug/l | 100    |
| 10) Methyl Iodide             | 2.51 | 142 | 59560  | 15.69  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.08 | 59  | 77666  | 117.60 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 48036  | 19.92  | ug/l | 94     |
| 13) Acrolein                  | 2.29 | 56  | 9525   | 64.50  | ug/l | 94     |
| 14) Allyl chloride            | 2.73 | 41  | 90177  | 20.06  | ug/l | 97     |
| 15) Acrylonitrile             | 3.15 | 53  | 161085 | 107.94 | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 144156 | 101.35 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 104316 | 17.00  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 90605  | 24.25  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 177244 | 21.11  | ug/l | 98     |
| 20) Methylene Chloride        | 2.86 | 84  | 55928  | 19.86  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 50692  | 18.84  | ug/l | 99     |
| 22) Diisopropyl ether         | 3.88 | 45  | 177159 | 21.09  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.83 | 43  | 719197 | 102.72 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 95344  | 20.32  | ug/l | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 219984 | 107.00 | ug/l | 98     |
| 26) 1,2-Dichloropropane       | 4.59 | 77  | 62793  | 17.33  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 59915  | 20.90  | ug/l | 95     |
| 28) Bromochloromethane        | 5.03 | 49  | 47021  | 23.11  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.17 | 42  | 138579 | 105.35 | ug/l | 99     |
| 30) Chloroform                | 5.22 | 83  | 103640 | 21.44  | ug/l | 99     |
| 31) Cyclohexane               | 5.58 | 56  | 78242  | 19.41  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 88934  | 21.05  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 69990  | 19.43  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.87 | 43  | 83282  | 21.09  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 77910  | 20.28  | ug/l | 98     |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\  
 Data File : VX001683.D  
 Acq On : 12 May 2018 22:55  
 Operator : JC/MD  
 Sample : VX0512WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

Manual Integrations  
 APPROVED

apatel  
 5/15/2018 6:32:00 PM

Quant Time: May 14 07:27:29 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sun May 06 07:59:25 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 77532    | 18.21  | ug/l   | 94       |
| 40) Benzene                    | 6.15  | 78   | 217600   | 20.68  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 47944    | 21.22  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 85660    | 21.18  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.47  | 43   | 126325   | 20.84  | ug/l   | 99       |
| 44) Trichloroethene            | 7.22  | 130  | 65102    | 20.24  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 55415    | 21.13  | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 39329    | 21.18  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 73659    | 21.43  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.79  | 41   | 67463    | 20.44  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 30446    | 426.94 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 440713   | 109.41 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 143796   | 20.90  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 80420    | 20.71  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 71226    | 19.20  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 58899    | 21.25  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 79456    | 19.89  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 96316    | 21.02  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 217512   | 111.00 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 322617   | 104.59 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 59186    | 20.85  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 60385    | 20.75  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 75480    | 20.48  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.15 | 112  | 159794   | 20.60  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 59413    | 21.42  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 256547   | 20.18  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.37 | 106  | 204210   | 40.66  | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 100945   | 20.68  | ug/l   | 99       |
| 70) Styrene                    | 10.72 | 104  | 163569   | 20.63  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 46153    | 19.63  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 269645   | 21.15  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.47  | 43   | 126325   | 21.81  | ug/l # | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 83227    | 22.10  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 82613m   | 22.11  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 77359    | 20.87  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.37 | 91   | 294888   | 21.24  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 180645   | 21.14  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 222470   | 20.96  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 18385    | 18.63  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 205792   | 20.88  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 219689   | 20.80  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 230960   | 21.17  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 265037   | 20.90  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 244981   | 21.06  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 137437   | 20.74  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 140191   | 20.74  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.40 | 91   | 186957   | 19.40  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 36809    | 21.02  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 141556   | 21.00  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 18181    | 21.97  | ug/l   | 100      |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\  
Data File : VX001683.D  
Acq On : 12 May 2018 22:55  
Operator : JC/MD  
Sample : VX0512WBSD02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

Manual Integrations  
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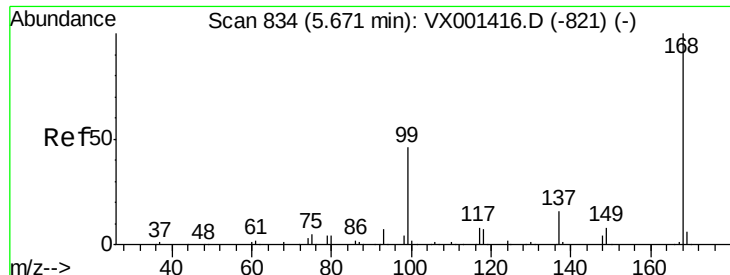
apatel  
5/15/2018 6:32:00 PM

Quant Time: May 14 07:27:29 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050518W.M  
Quant Title : SW846 8260  
QLast Update : Sun May 06 07:59:25 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 99526    | 20.17 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 53321    | 19.75 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 288611   | 21.15 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 105399   | 20.82 | ug/l  | 99       |

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





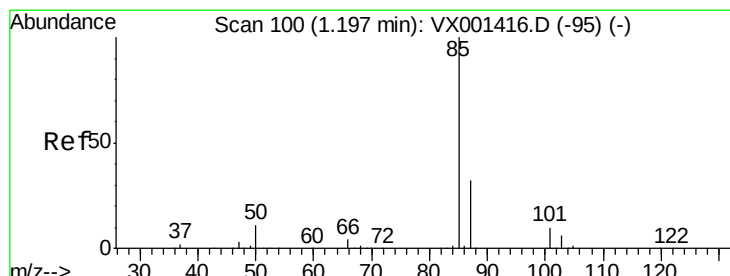
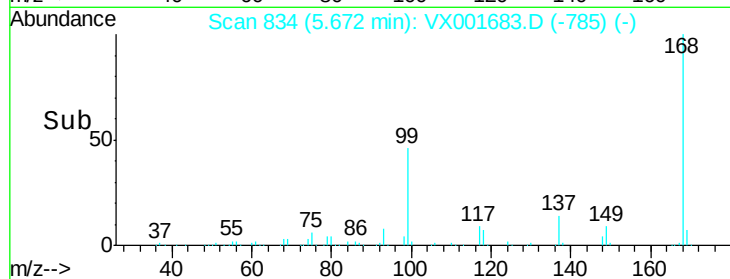
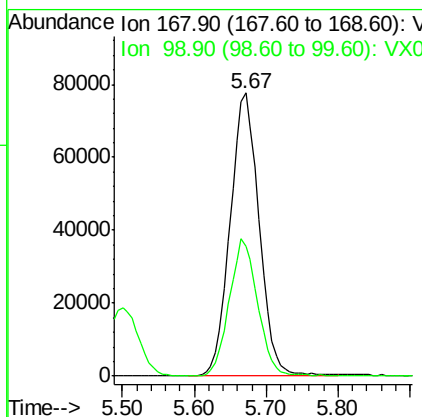
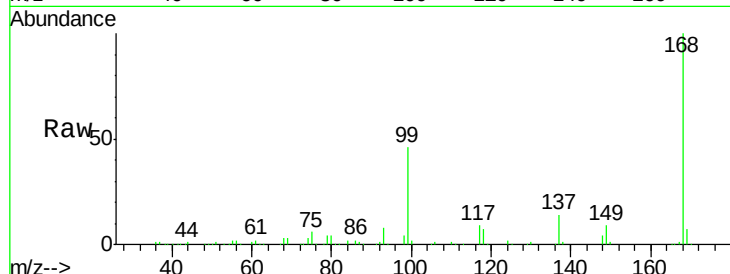
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.67 min Scan# 834  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 45.9  | 36.6  | 54.8  |

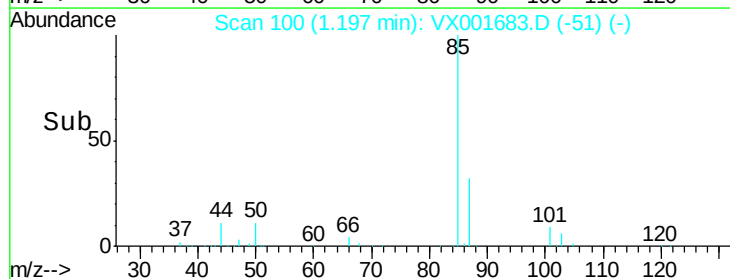
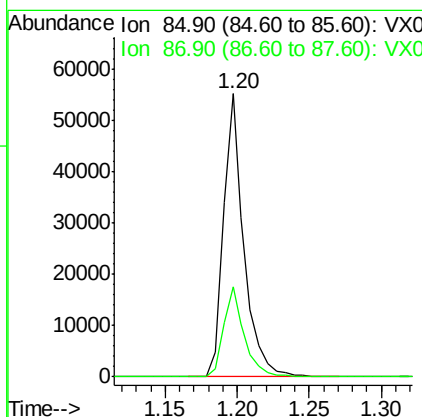
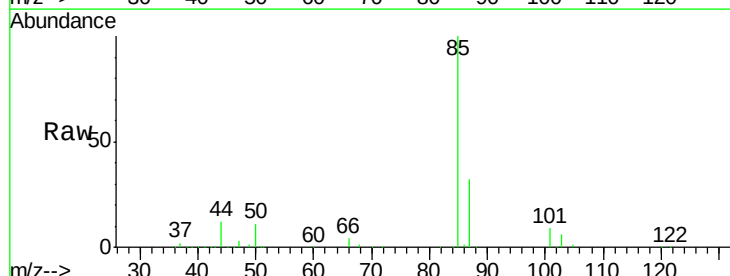
Manual Integrations  
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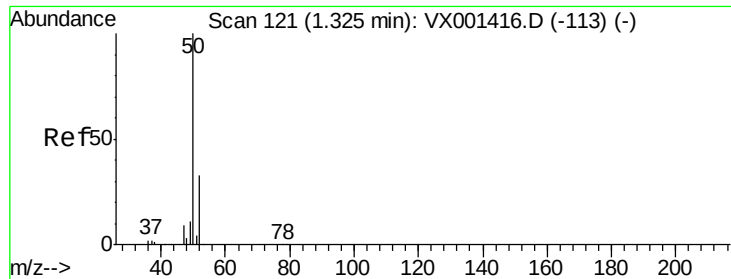
apatel  
5/15/2018 6:32:00 PM



#2  
Dichlorodifluoromethane  
Concen: 18.70 ug/l  
RT: 1.20 min Scan# 100  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.0  | 16.2  | 48.6  |





#3

Chloromethane

Concen: 18.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0512WBSD02

Tot Ion: 50 Resp: 53011

Ion Ratio Lower Upper

50 100

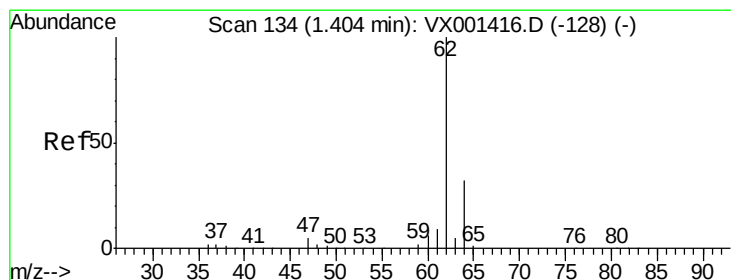
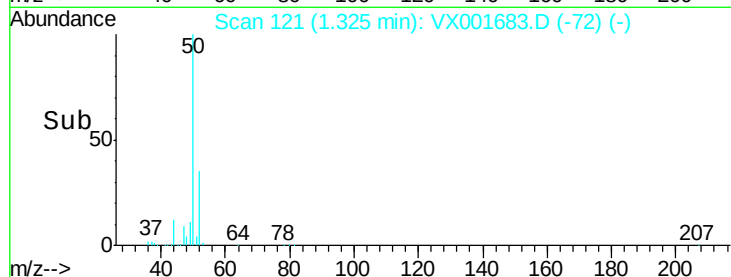
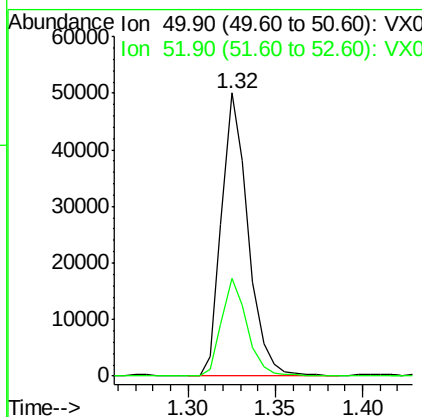
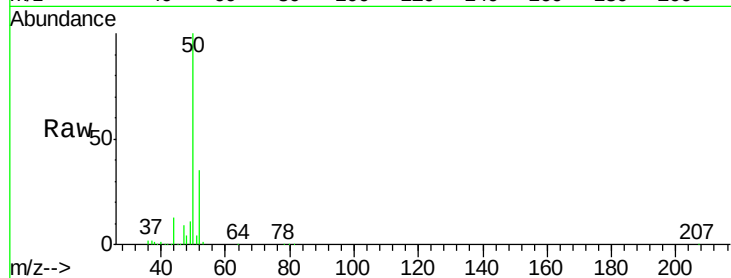
52 34.6 26.2 39.4

Manual Integrations

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5/15/2018 6:32:00 PM



#4

Vinyl Chloride

Concen: 19.69 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001683.D

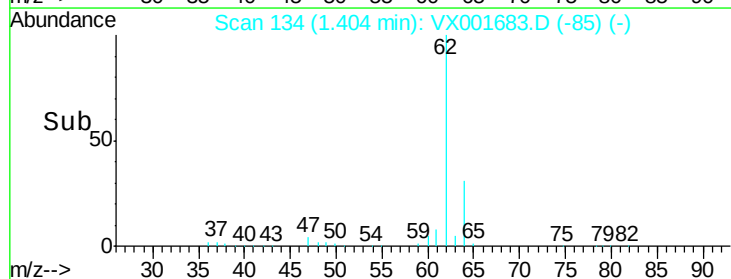
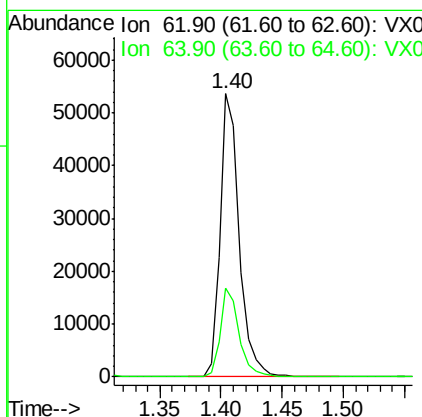
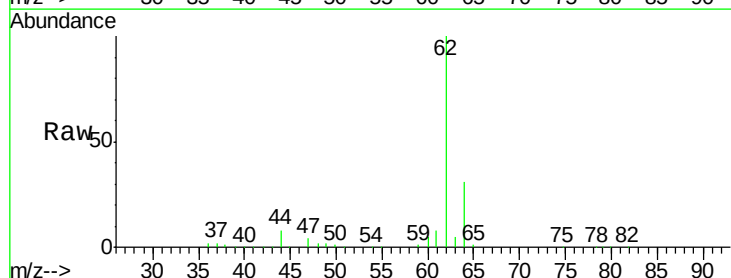
Acq: 12 May 2018 22:55

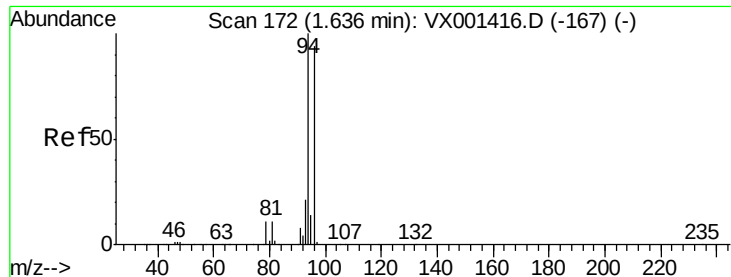
Tgt Ion: 62 Resp: 58716

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.6





#5

Bromomethane

Concen: 21.44 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0512WBSD02

Tot Ion: 94 Resp: 31944

Ion Ratio Lower Upper

94 100

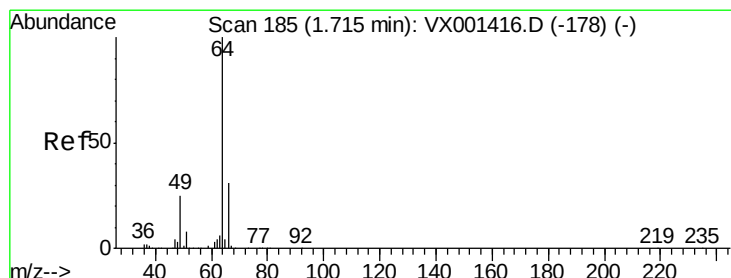
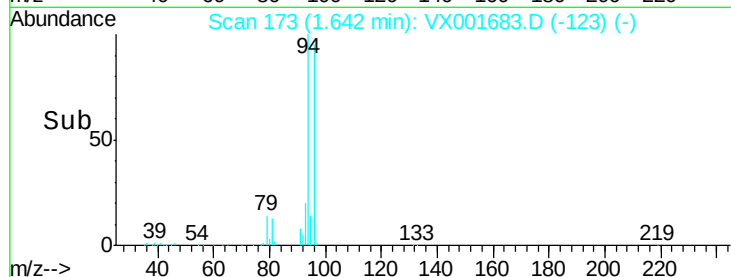
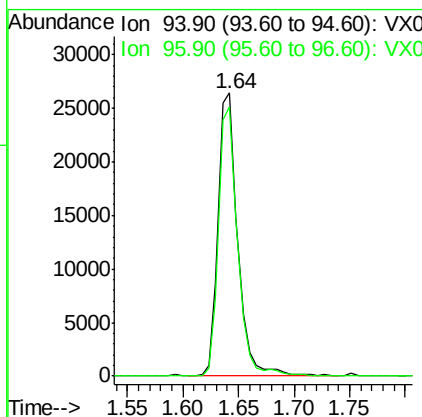
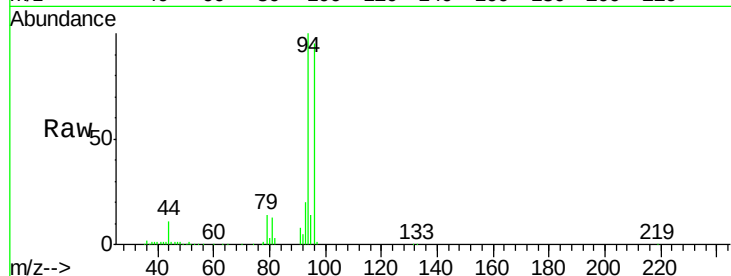
96 95.4 75.0 112.6

Manual Integrations

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5/15/2018 6:32:00 PM



#6

Chloroethane

Concen: 19.47 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001683.D

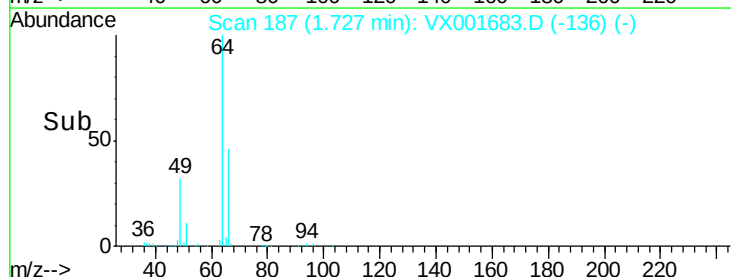
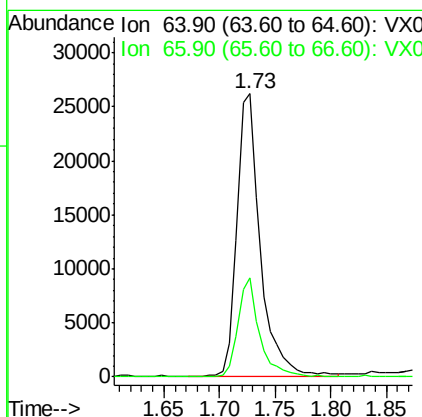
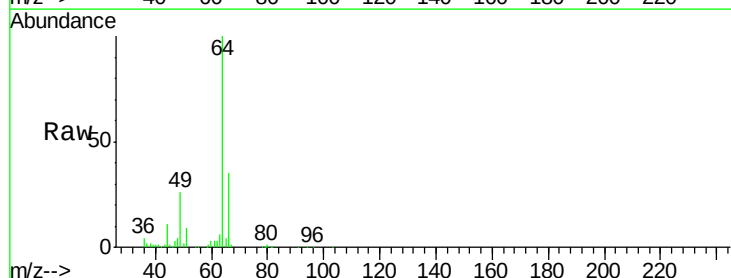
Acq: 12 May 2018 22:55

Tgt Ion: 64 Resp: 38370

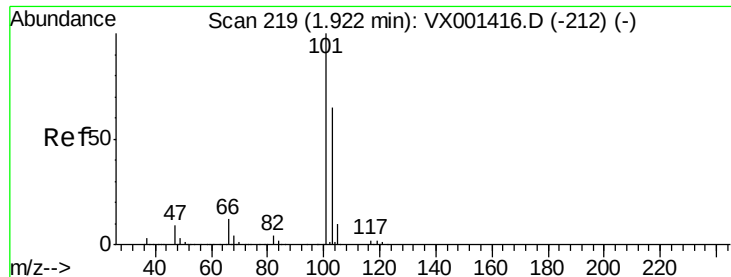
Ion Ratio Lower Upper

64 100

66 34.8 25.1 37.7







#7

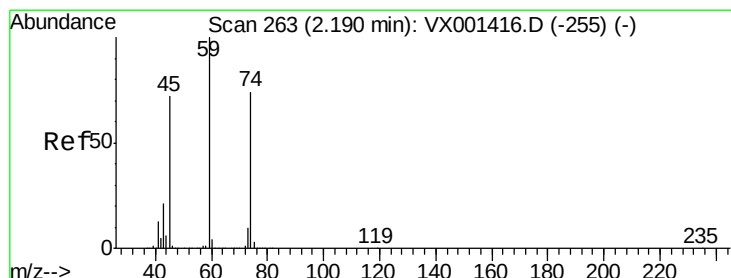
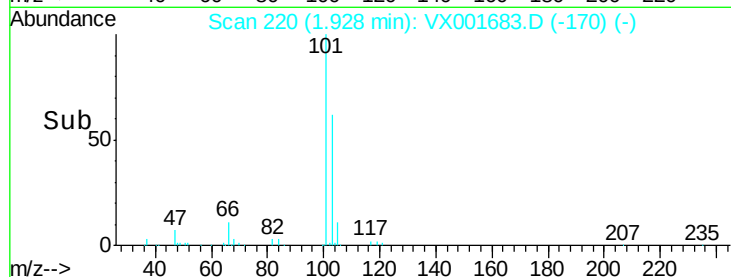
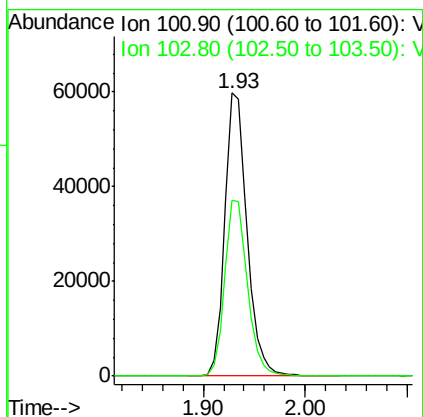
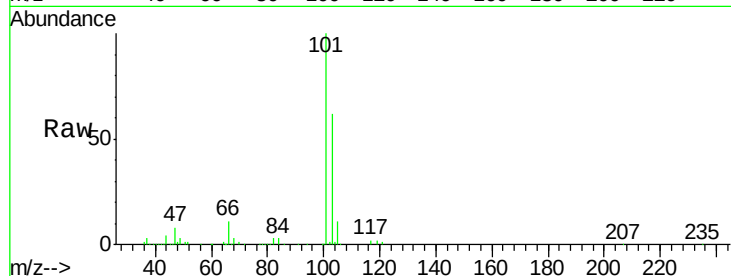
Trichlorofluoromethane  
 Concen: 20.12 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. 0.01 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.4  | 52.0  | 78.0  |

Manual Integrations  
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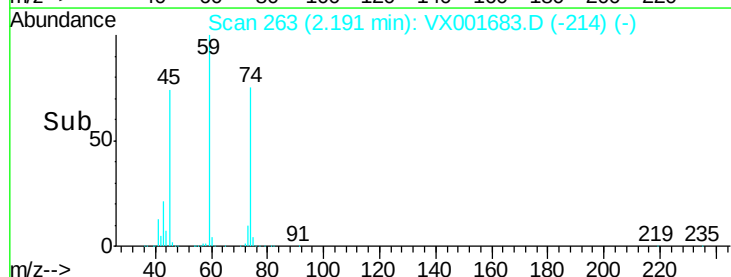
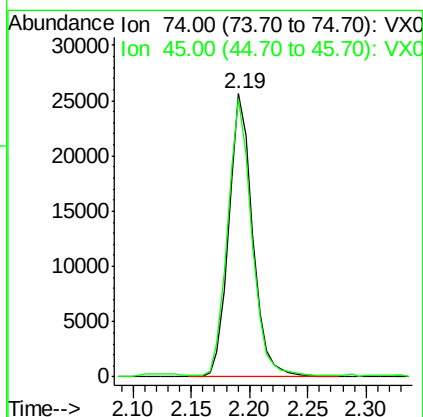
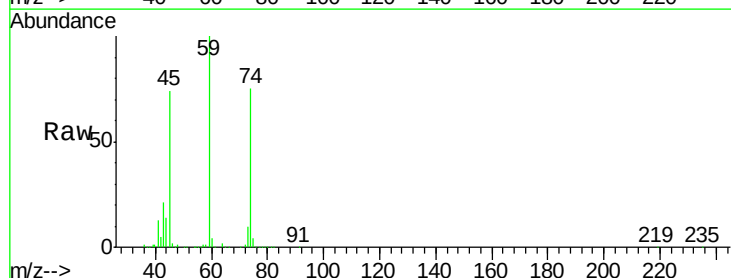
apatel  
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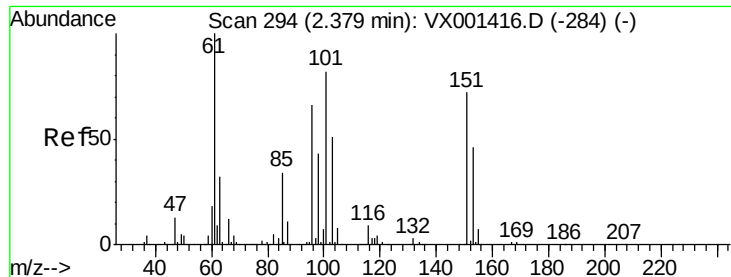
#8

Diethyl Ether  
 Concen: 20.81 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 97.5  | 47.9  | 143.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.12 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

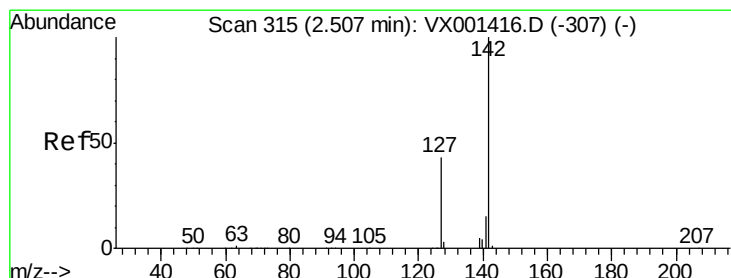
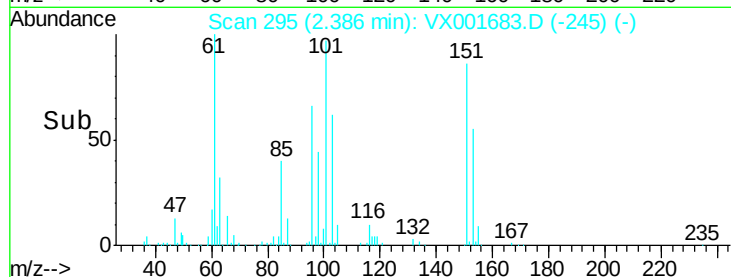
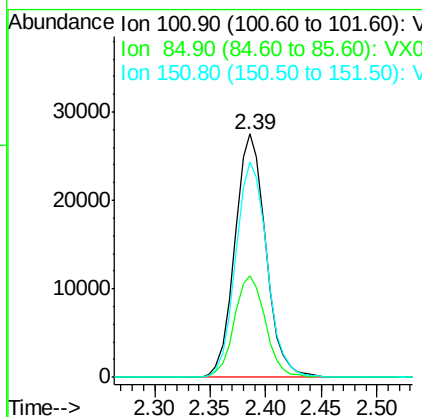
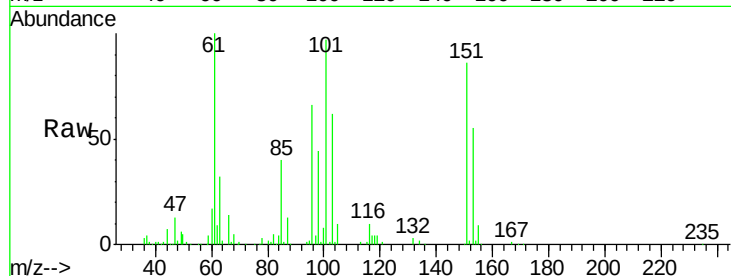
ClientSampleId :

VX0512WBSD02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 52938 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.1  | 33.7  | 50.5  |
| 151       | 90.0  | 72.3  | 108.5 |

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#10

Methyl Iodide

Concen: 15.69 ug/l

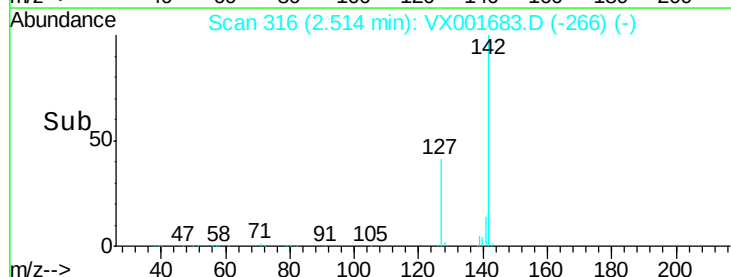
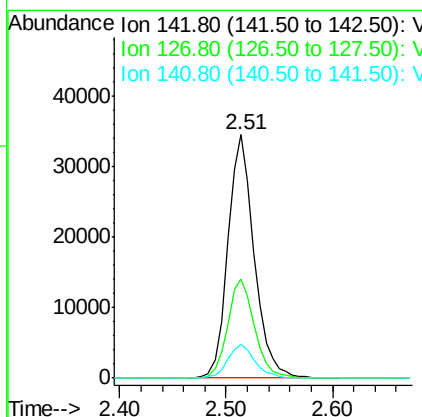
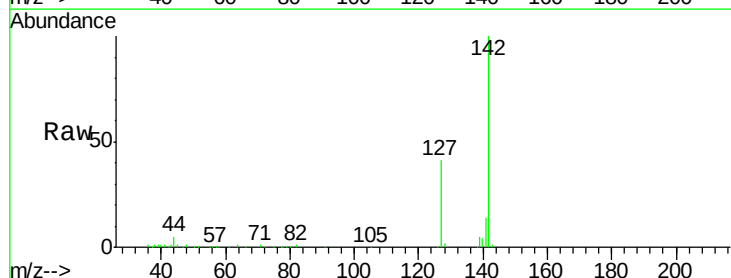
RT: 2.51 min Scan# 316

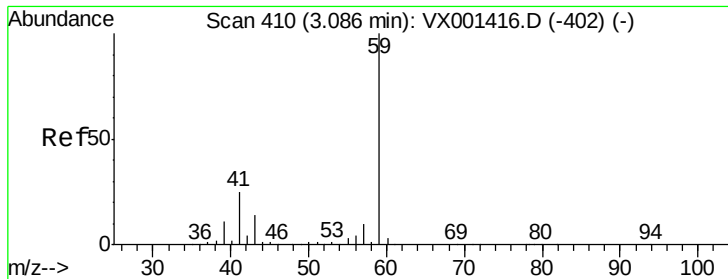
Delta R.T. 0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 59560 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.6  | 33.6  | 50.4  |
| 141       | 14.4  | 11.4  | 17.2  |





#11

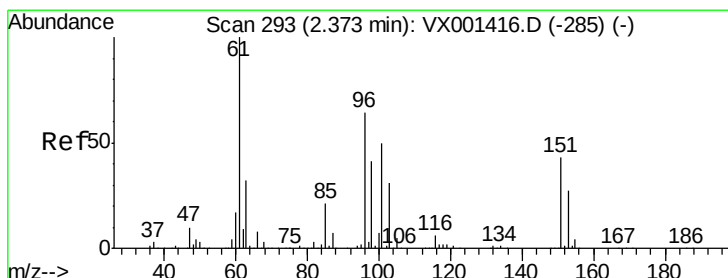
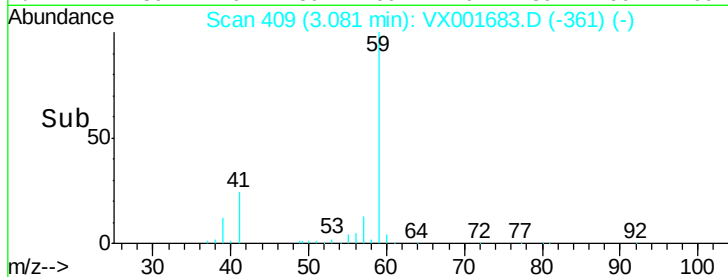
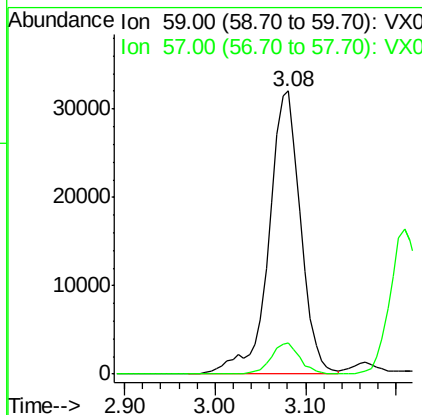
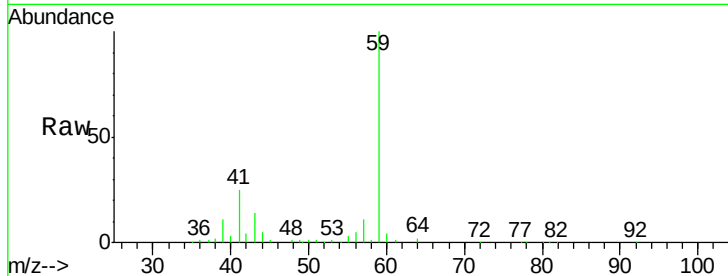
Tert butyl alcohol  
 Concen: 117.60 ug/l  
 RT: 3.08 min Scan# 409  
 Delta R.T. -0.01 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0512WBSD02

| Tot Ion   | 59   | Resp  | 77666 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 10.2 | 8.2   | 12.4  |

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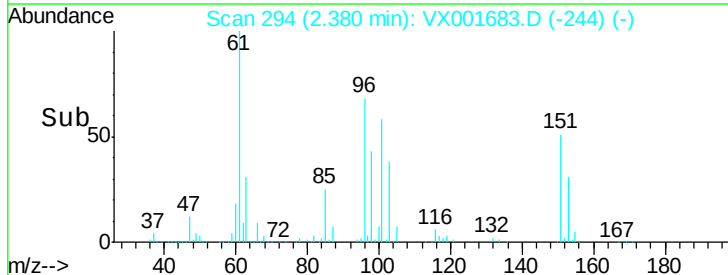
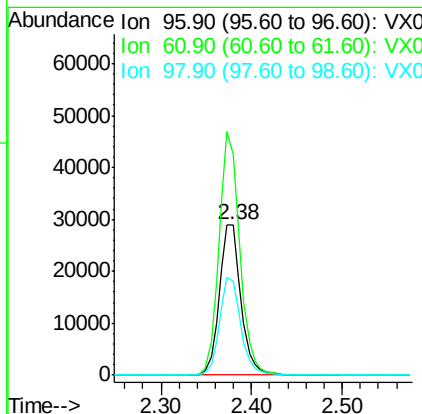
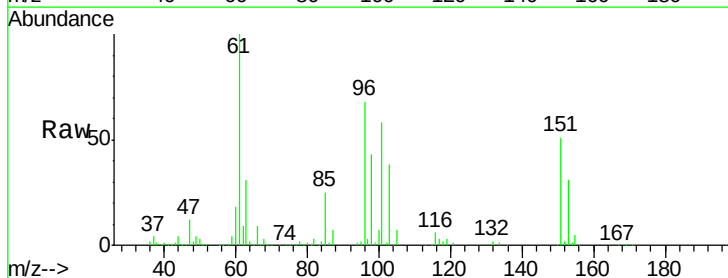
apatel  
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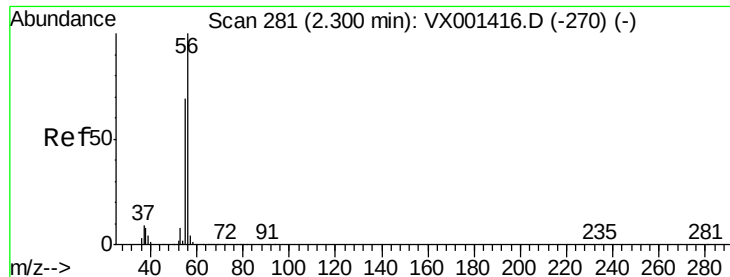


#12

1,1-Dichloroethene  
 Concen: 19.92 ug/l  
 RT: 2.38 min Scan# 294  
 Delta R.T. 0.01 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

| Tgt Ion   | 96    | Resp  | 48036 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 146.9 | 125.7 | 188.5 |
| 98        | 62.6  | 52.0  | 78.0  |





#13

Acrolein

Concen: 64.50 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0512WBSD02

Tot Ion: 56 Resp: 9525

Ion Ratio Lower Upper

56 100

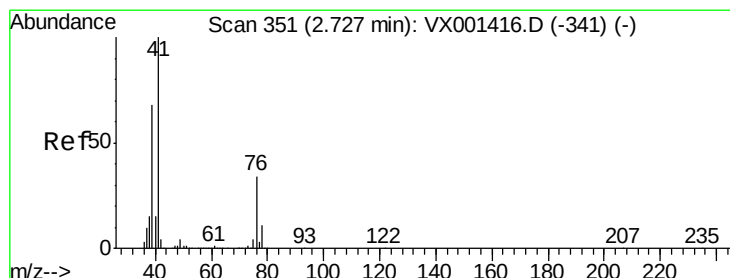
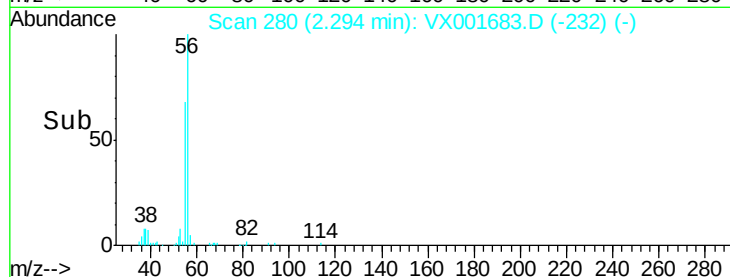
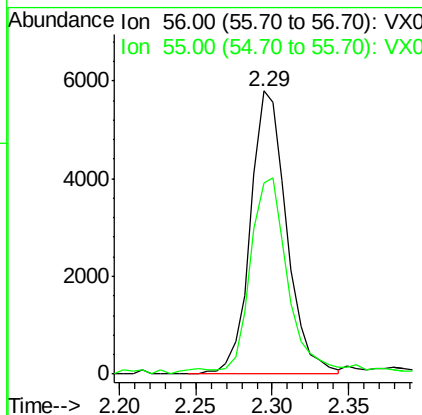
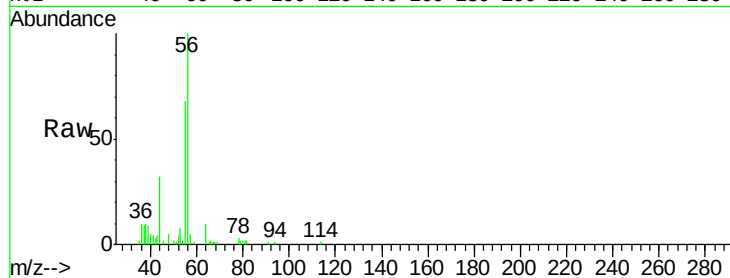
55 73.2 54.5 81.7

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#14

Allyl chloride

Concen: 20.06 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

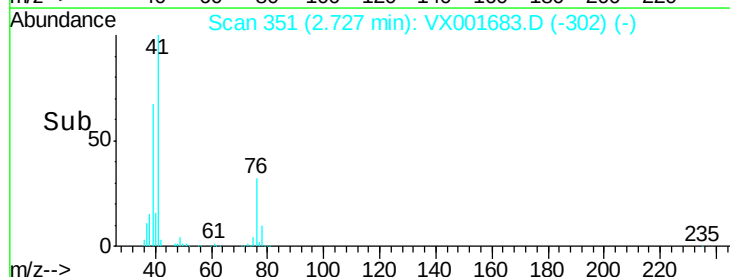
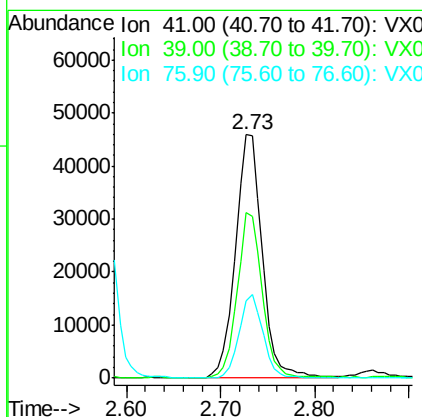
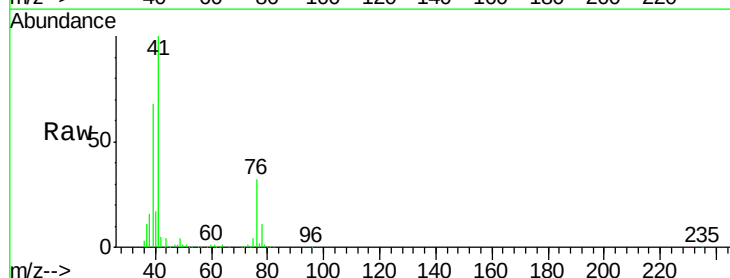
Tgt Ion: 41 Resp: 90177

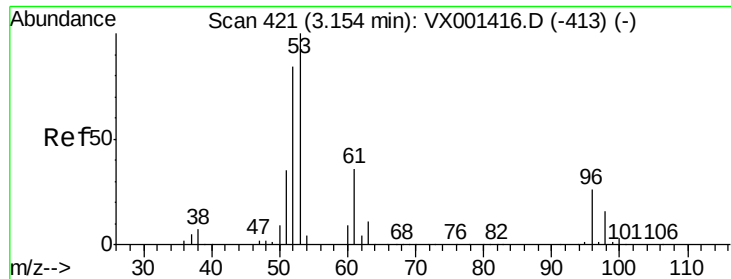
Ion Ratio Lower Upper

41 100

39 63.4 52.4 78.6

76 30.8 25.8 38.6





#15

Acrylonitrile

Concen: 107.94 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

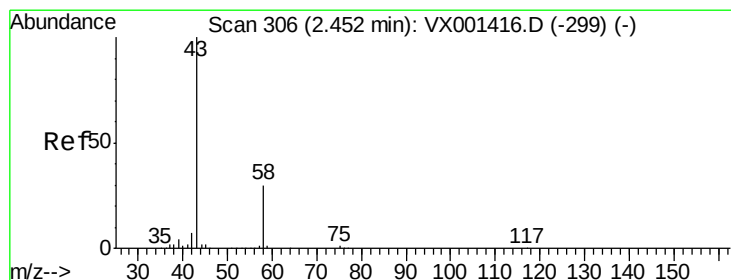
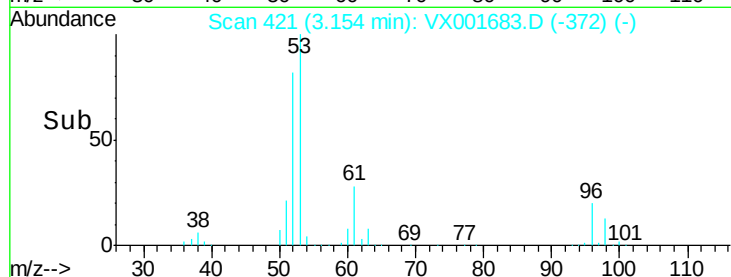
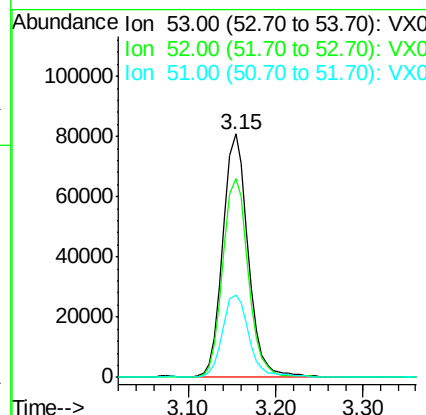
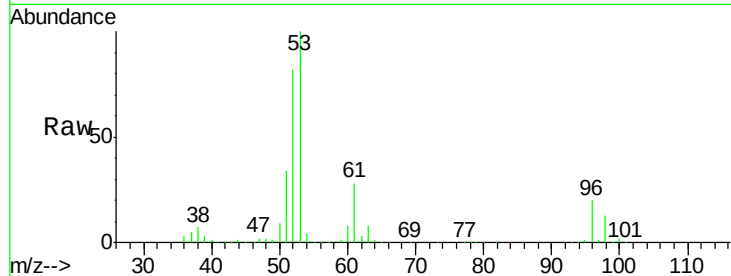
ClientSampleID :

VX0512WBSD02

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 161085 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.8 | 66.2  | 99.2   |
| 51        | 35.6 | 28.6  | 43.0   |

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apatel  
5/15/2018 6:32:00 PM



#16

Acetone

Concen: 101.35 ug/l

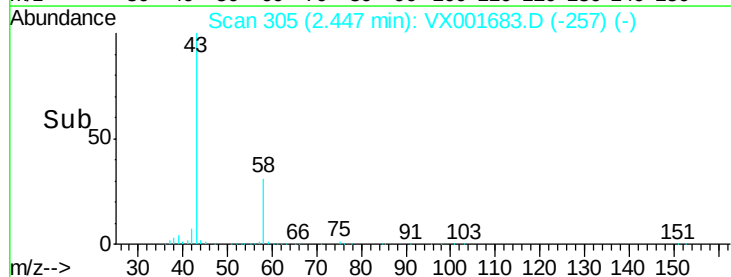
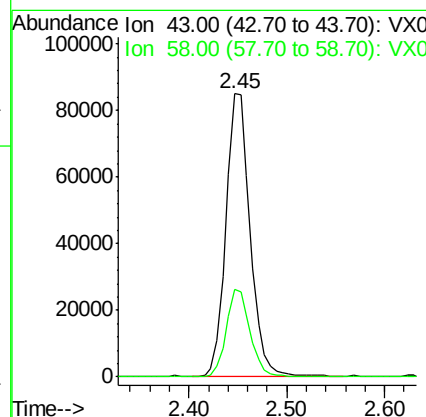
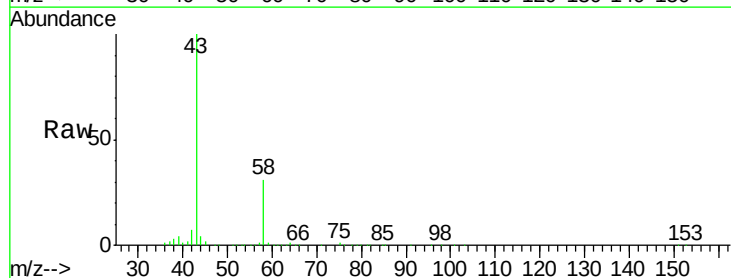
RT: 2.45 min Scan# 305

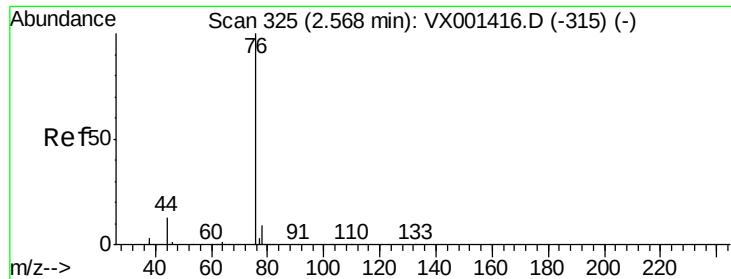
Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 144156 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 30.8 | 23.8  | 35.8   |





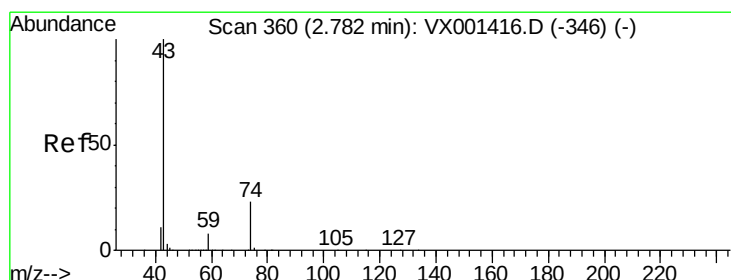
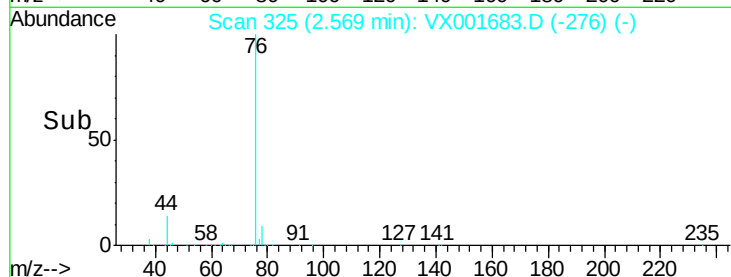
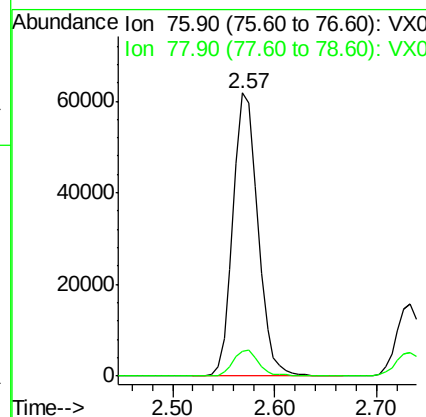
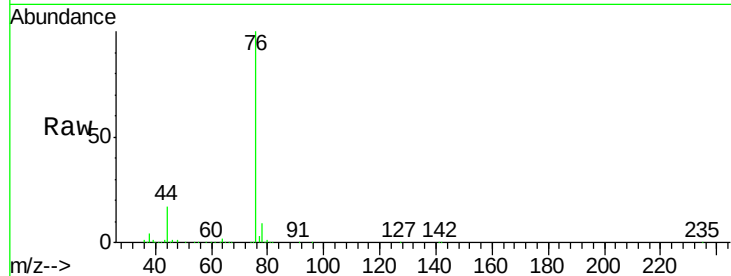
#17  
Carbon Disulfide  
Concen: 17.00 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.8   | 7.4   | 11.2  |

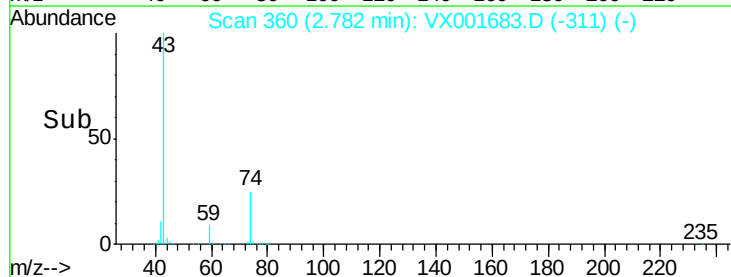
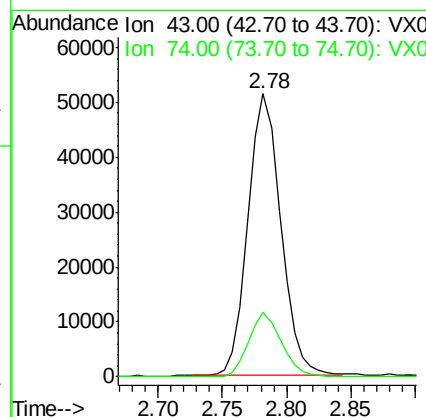
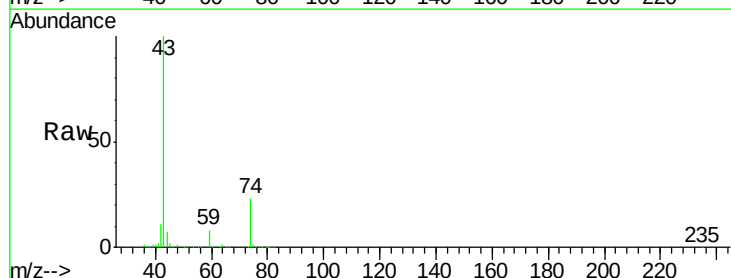
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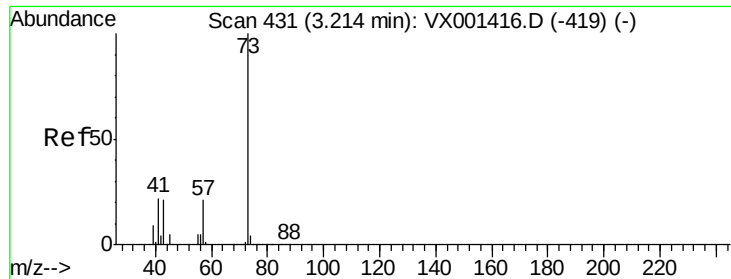
apatel  
5/15/2018 6:32:00 PM



#18  
Methyl Acetate  
Concen: 24.25 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.2  | 18.6  | 27.8  |





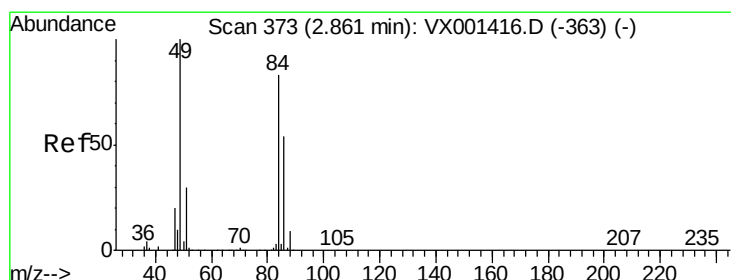
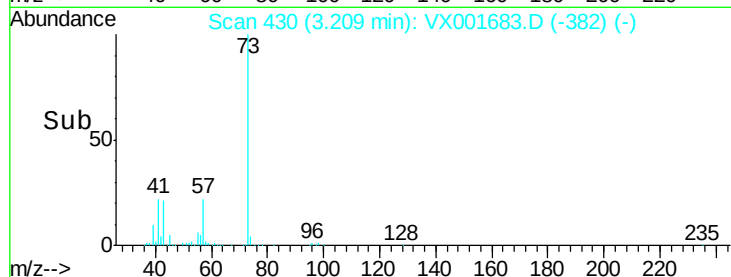
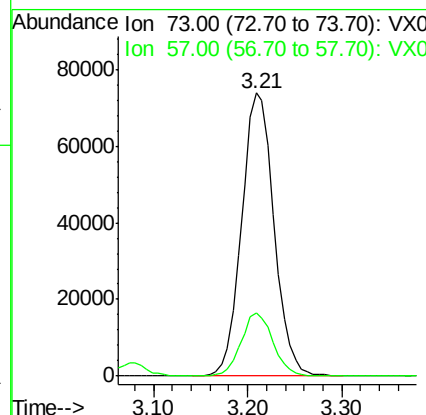
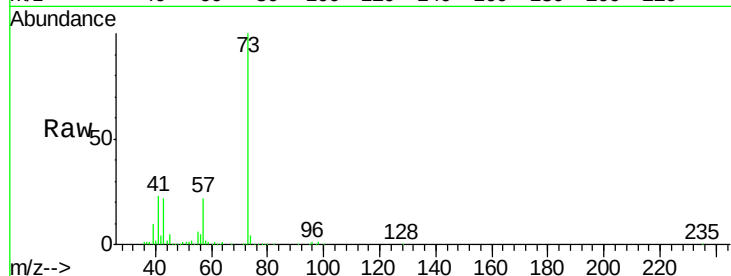
#19  
Methyl tert-butyl Ether  
Concen: 21.11 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. -0.01 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.3  | 17.0  | 25.6  |

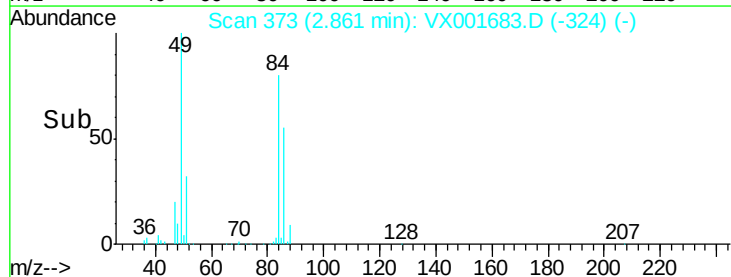
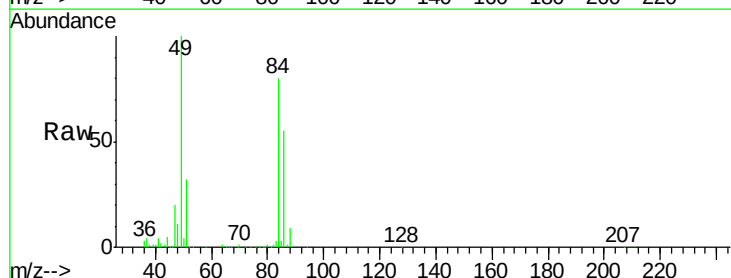
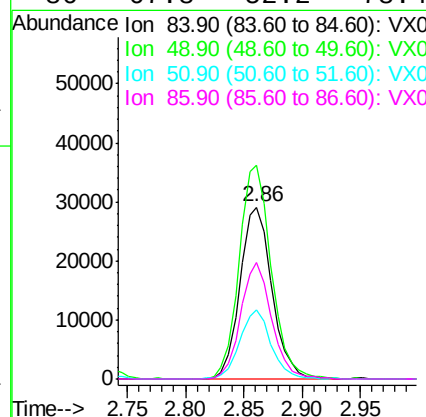
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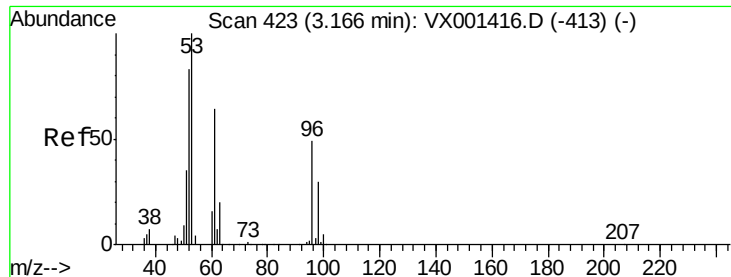
apatel  
5/15/2018 6:32:00 PM



#20  
Methylene Chloride  
Concen: 19.86 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 124.4 | 96.6  | 144.8 |
| 51      | 40.2  | 29.0  | 43.4  |
| 86      | 67.8  | 52.2  | 78.4  |





#21

trans-1,2-Dichloroethene

Concen: 18.84 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

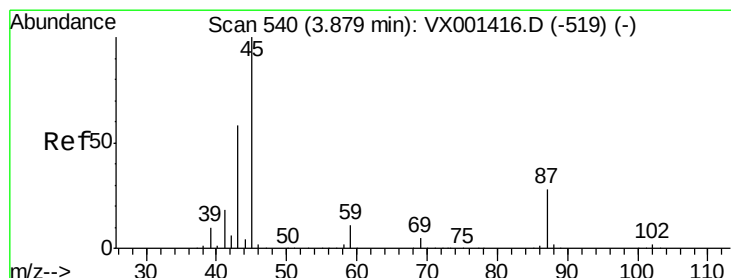
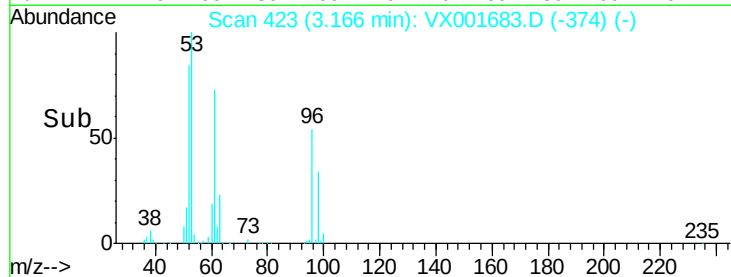
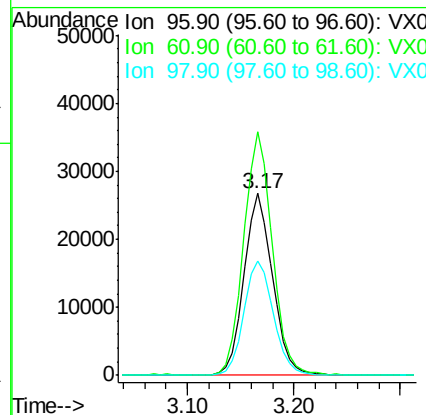
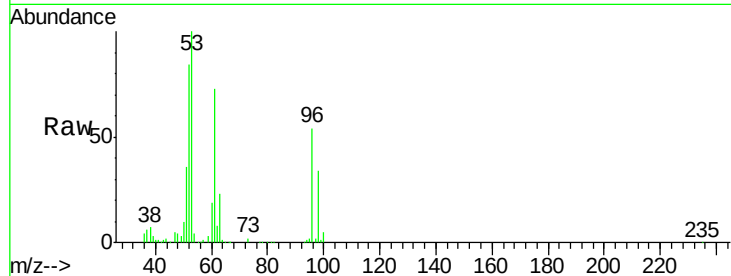
ClientSampleId :

VX0512WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 50692 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 133.6 | 105.0 | 157.4 |
| 98       | 62.6  | 49.9  | 74.9  |

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5/15/2018 6:32:00 PM



#22

Diisopropyl ether

Concen: 21.09 ug/l

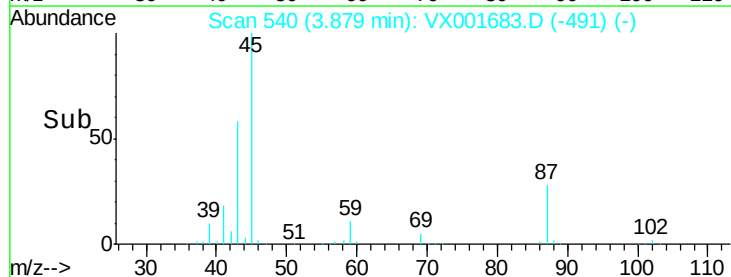
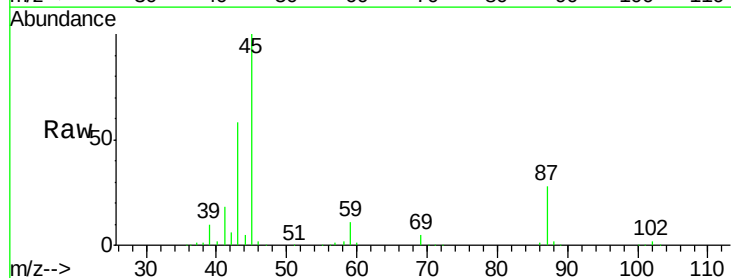
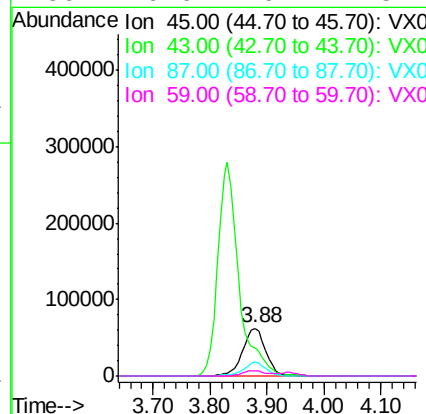
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

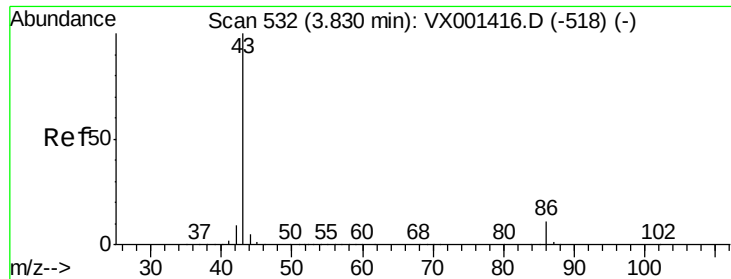
Lab File: VX001683.D

Acq: 12 May 2018 22:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 177159 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 57.7  | 46.5  | 69.7   |
| 87       | 28.3  | 22.6  | 34.0   |
| 59       | 10.6  | 9.1   | 13.7   |







#23

Vinyl Acetate

Concen: 102.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0512WBSD02

Tot Ion: 43 Resp: 719197

Ion Ratio Lower Upper

43 100

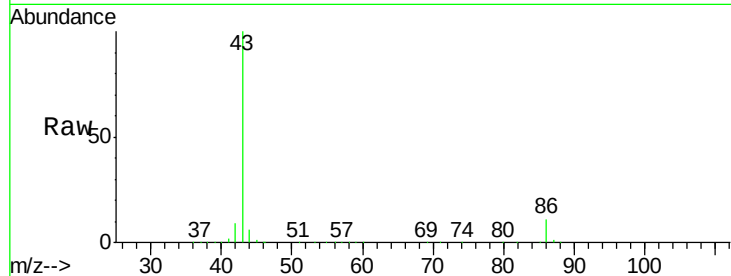
86 11.0 8.6 13.0

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apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

300000

250000

200000

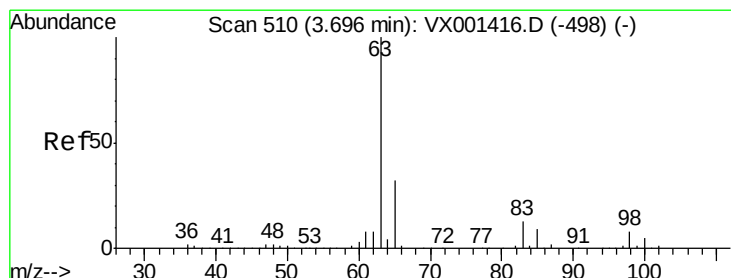
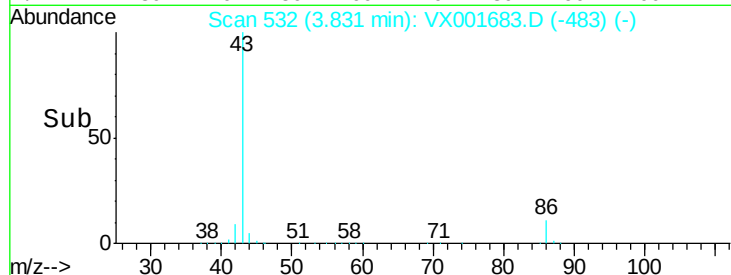
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.32 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

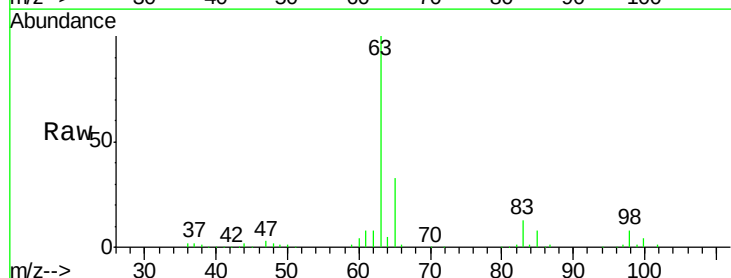
Tgt Ion: 63 Resp: 95344

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

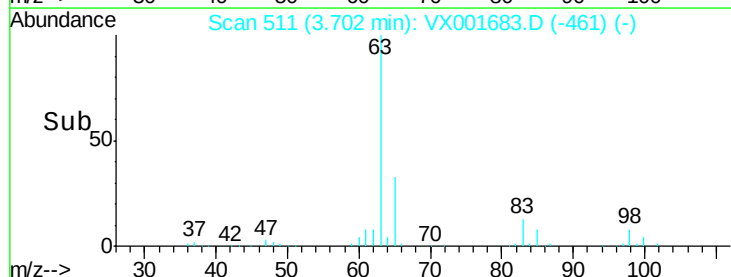
30000

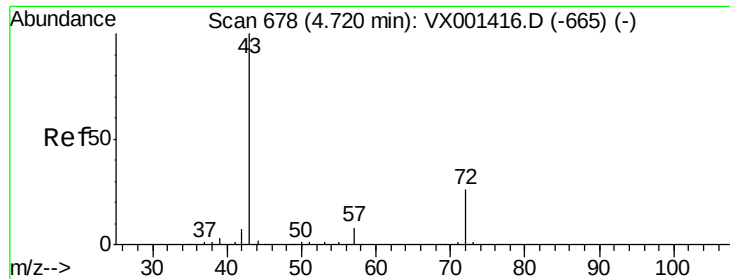
20000

10000

0

Time-->





#25

2-Butanone

Concen: 107.00 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0512WBSD02

Tot Ion: 43 Resp: 219984

Ion Ratio Lower Upper

43 100

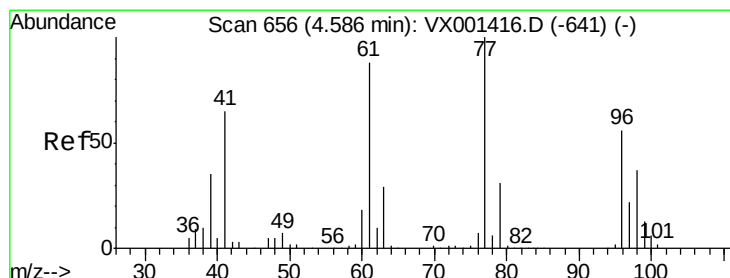
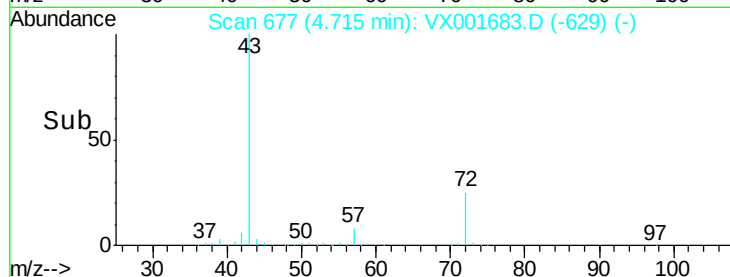
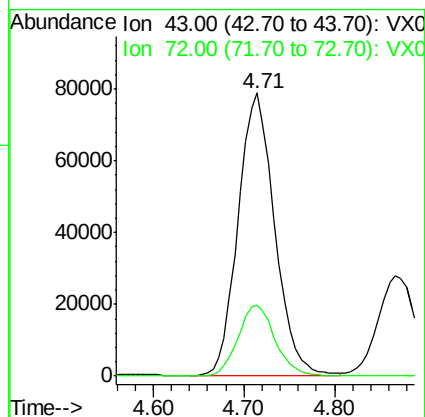
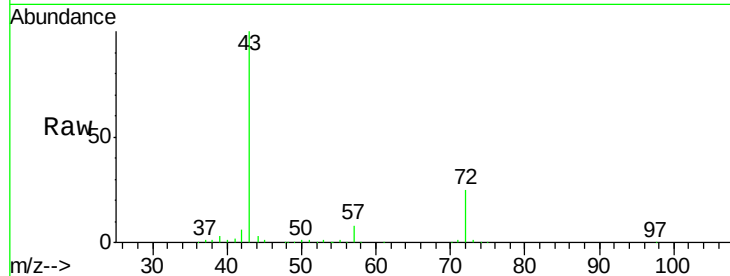
72 25.0 20.7 31.1

Manual Integrations

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apatel

5/15/2018 6:32:00 PM



#26

2,2-Dichloropropane

Concen: 17.33 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001683.D

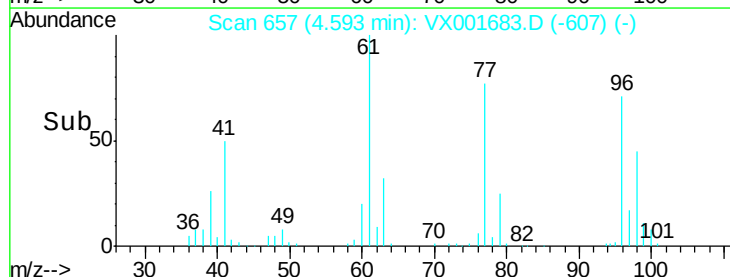
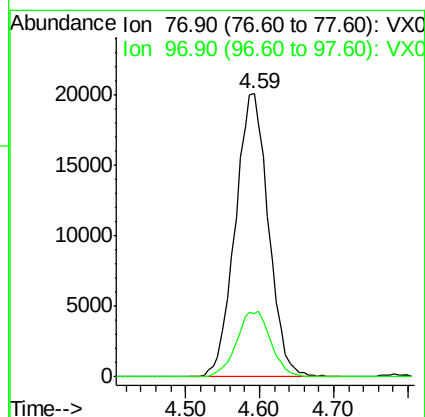
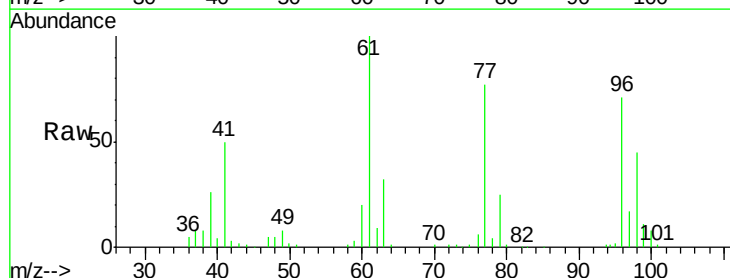
Acq: 12 May 2018 22:55

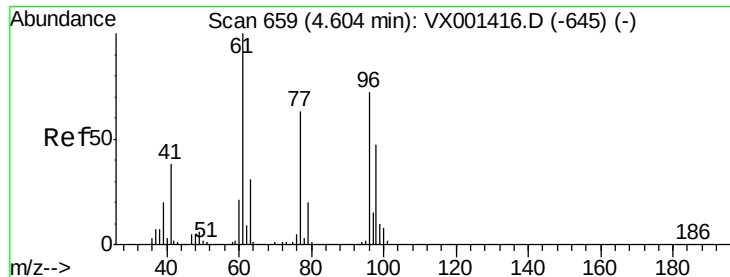
Tgt Ion: 77 Resp: 62793

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.6





#27

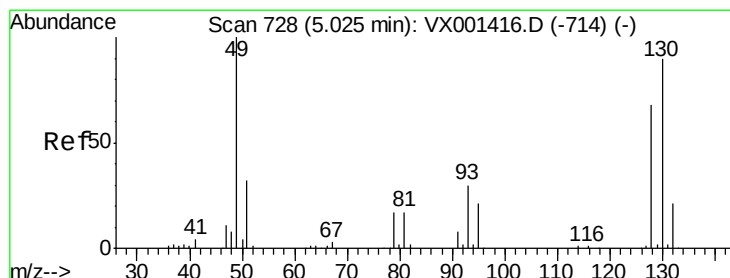
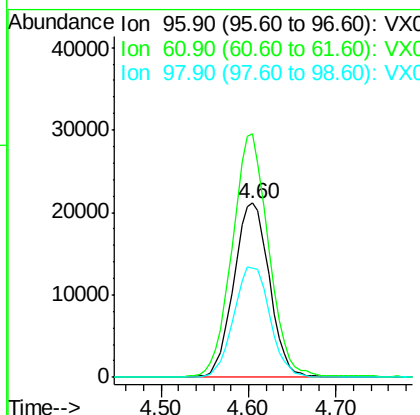
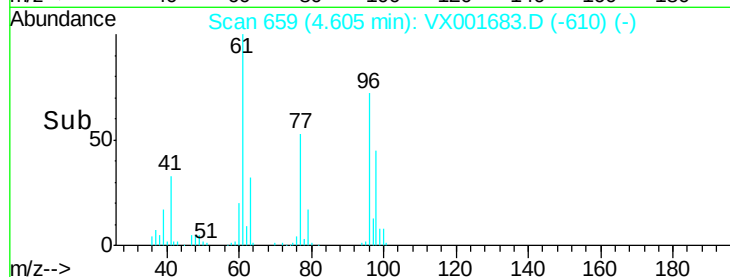
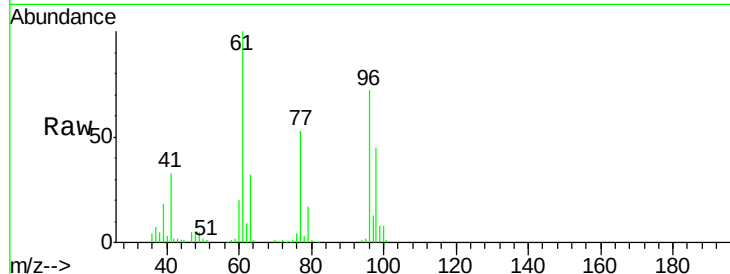
cis-1,2-Dichloroethene  
 Concen: 20.90 ug/l  
 RT: 4.60 min Scan# 659  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 59915 |       |       |
| 61      | 143.5 | 0.0   | 301.6 |       |
| 98      | 64.4  | 0.0   | 131.6 |       |

Manual Integrations  
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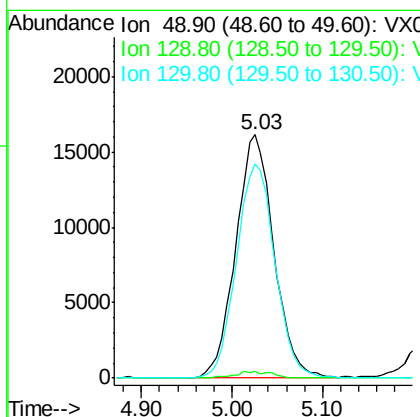
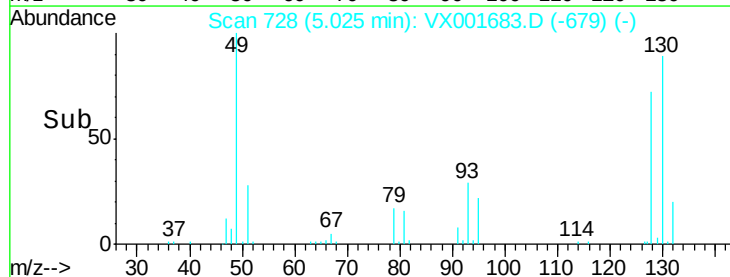
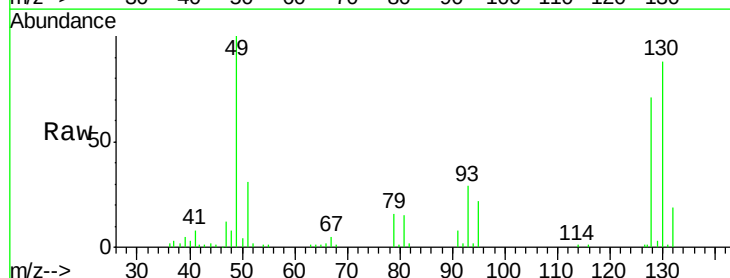
apatel  
 5/15/2018 6:32:00 PM

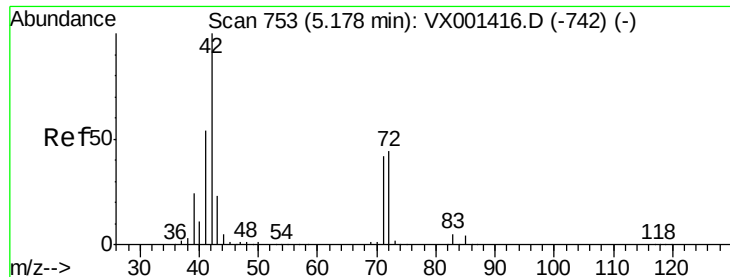


#28

Bromochloromethane  
 Concen: 23.11 ug/l  
 RT: 5.03 min Scan# 728  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 47021 |       |       |
| 129     | 2.5   | 0.0   | 4.8   |       |
| 130     | 89.1  | 71.9  | 107.9 |       |





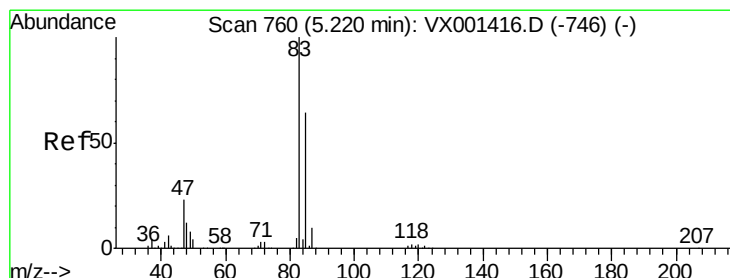
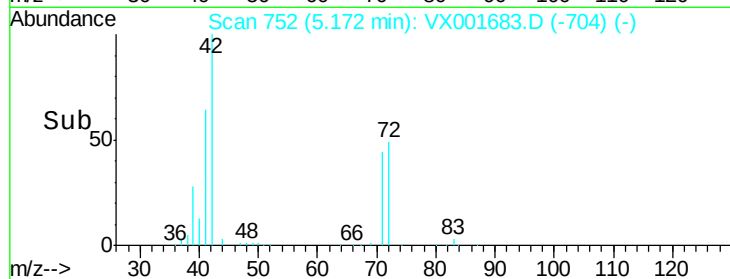
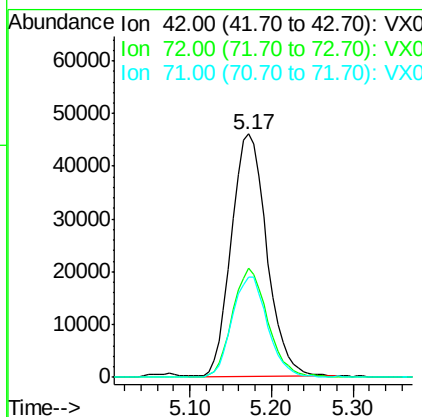
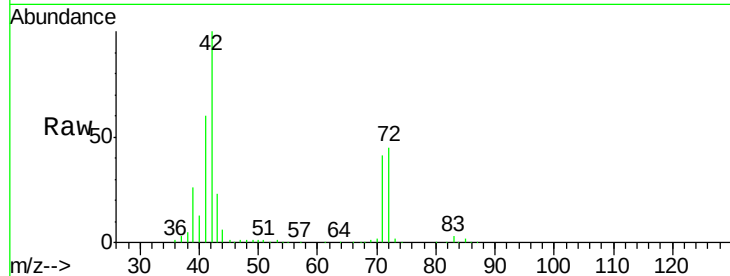
#29  
Tetrahydrofuran  
Concen: 105.35 ug/l  
RT: 5.17 min Scan# 752  
Delta R.T. -0.01 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.9  | 35.4  | 53.2  |
| 71      | 41.4  | 33.0  | 49.4  |

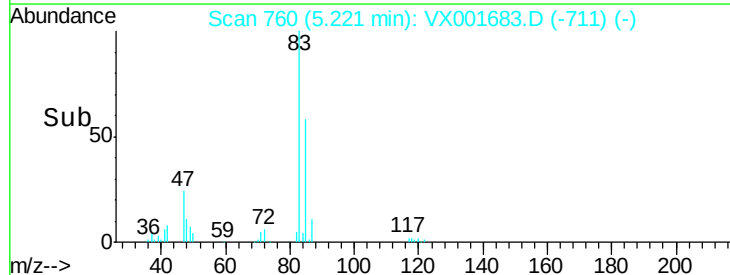
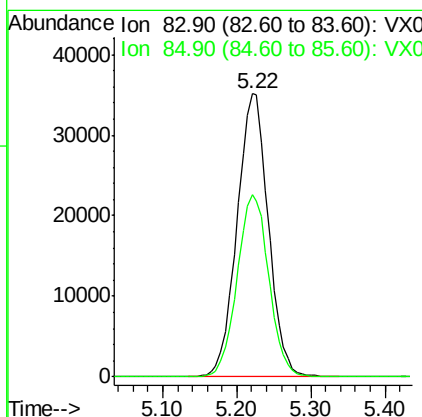
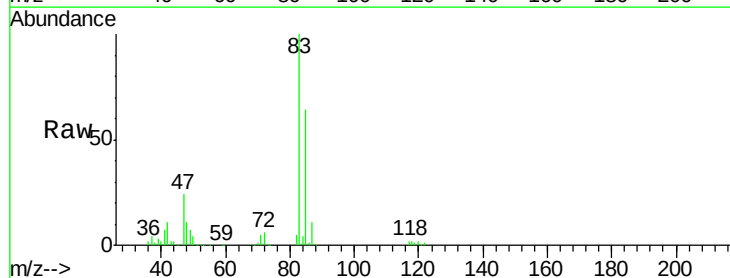
Manual Integrations  
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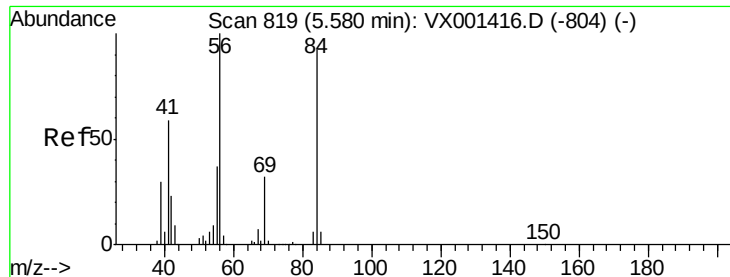
apatel  
5/15/2018 6:32:00 PM



#30  
Chloroform  
Concen: 21.44 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.3  | 51.0  | 76.4  |





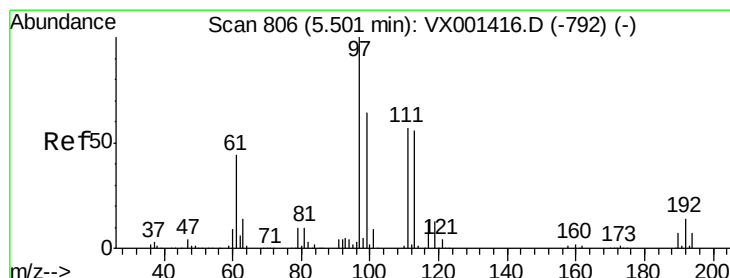
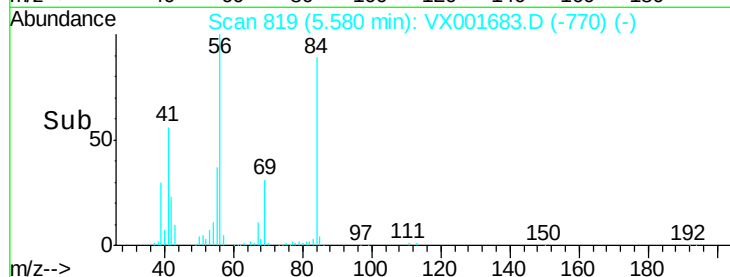
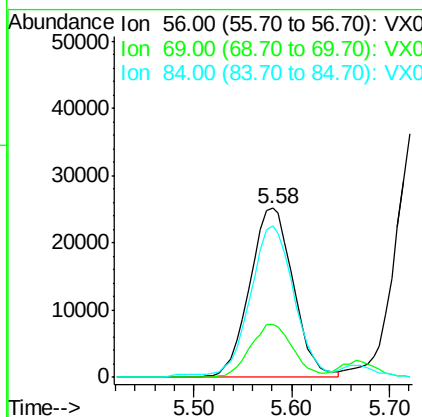
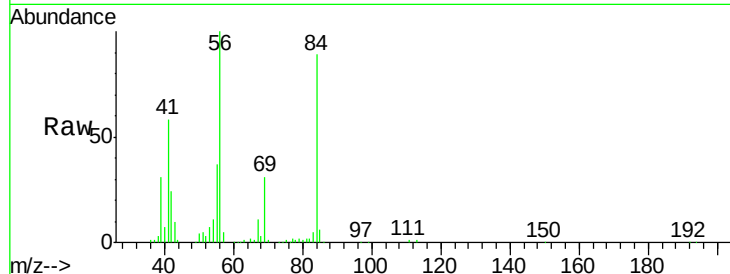
#31  
Cyclohexane  
Concen: 19.41 ug/l  
RT: 5.58 min Scan# 819  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.4  | 25.4  | 38.0  |
| 84      | 87.6  | 73.8  | 110.8 |

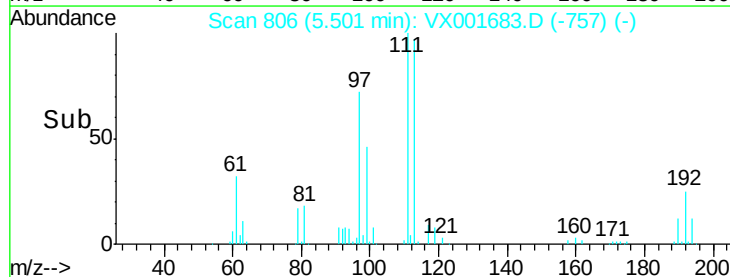
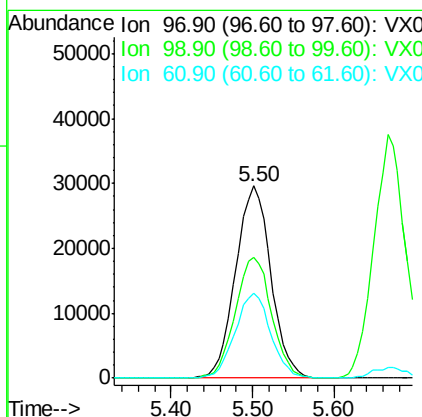
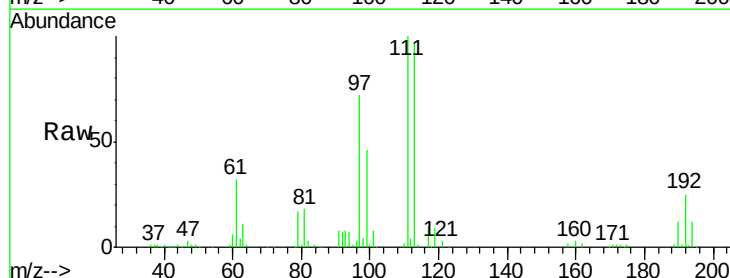
Manual Integrations  
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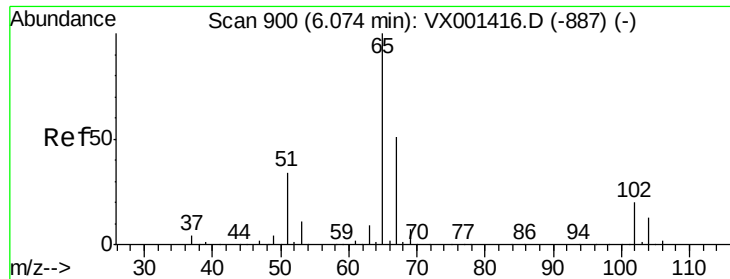
apatel  
5/15/2018 6:32:00 PM



#32  
1,1,1-Trichloroethane  
Concen: 21.05 ug/l  
RT: 5.50 min Scan# 806  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.4  | 51.3  | 76.9  |
| 61      | 44.8  | 34.8  | 52.2  |





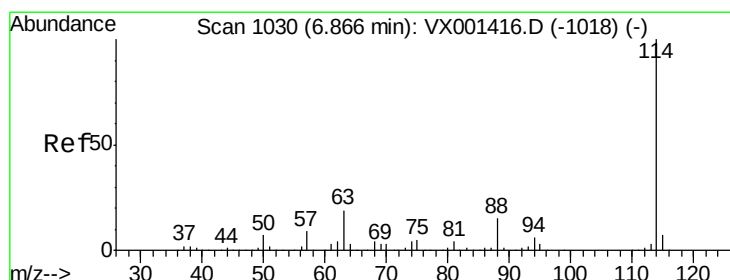
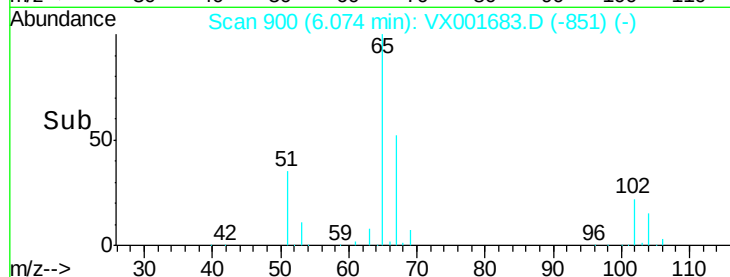
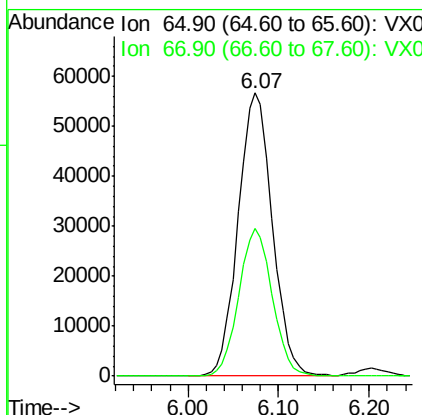
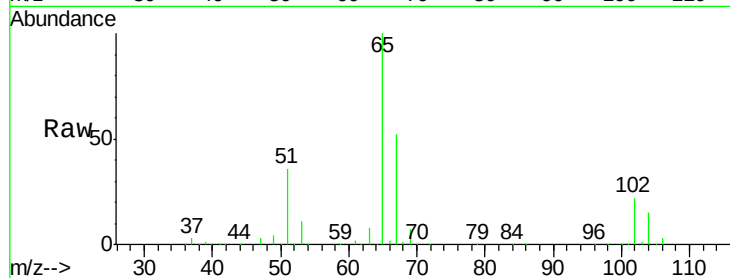
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.23 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 51.2  | 0.0   | 101.8 |

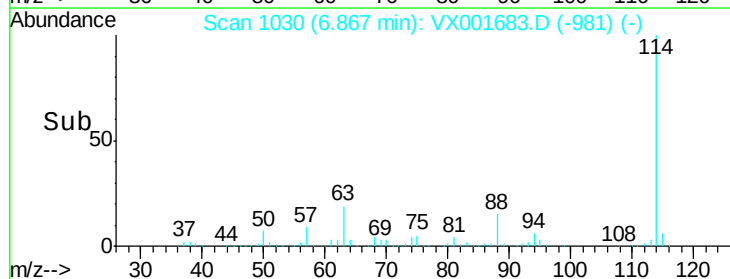
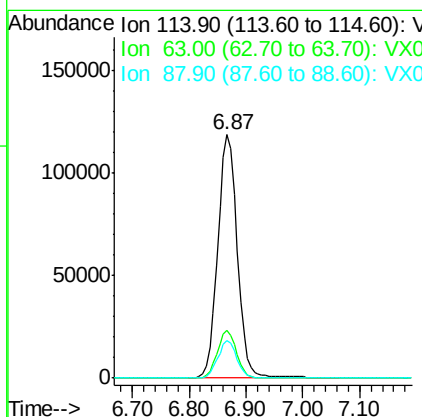
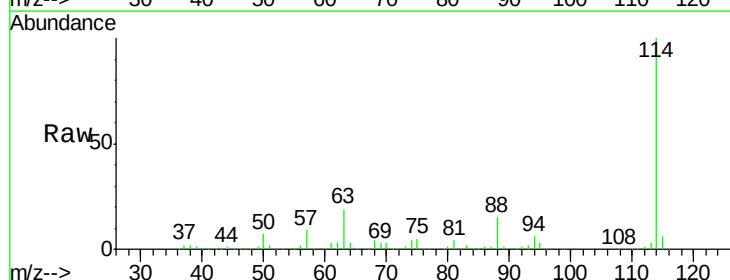
Manual Integrations  
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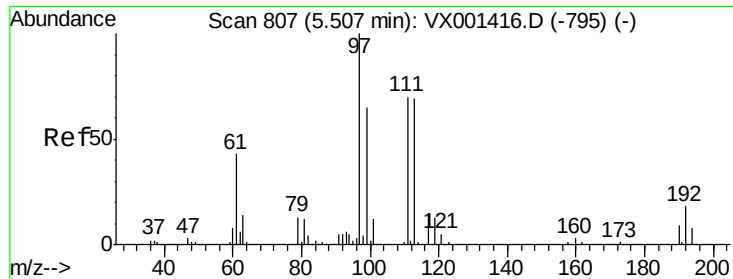
apatel  
 5/15/2018 6:32:00 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 19.4  | 0.0   | 38.6  |
| 88      | 15.4  | 0.0   | 30.8  |





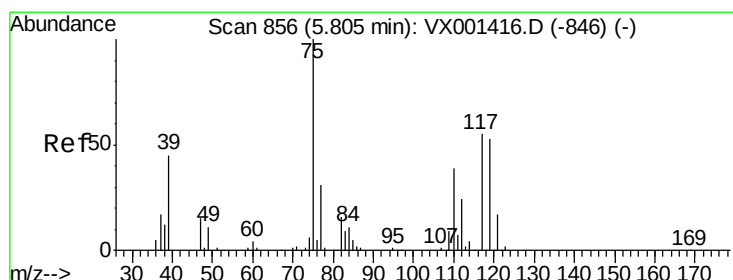
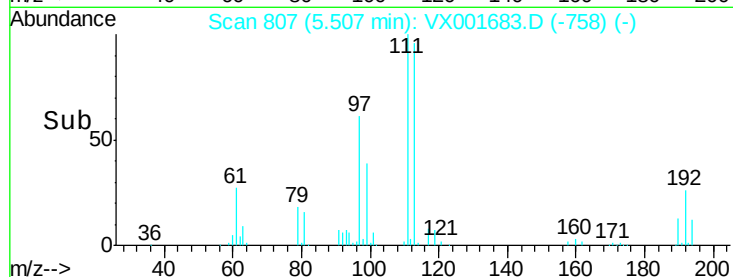
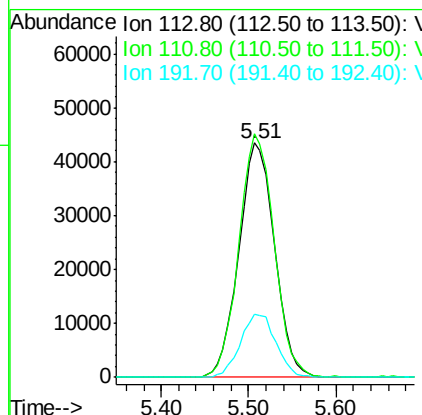
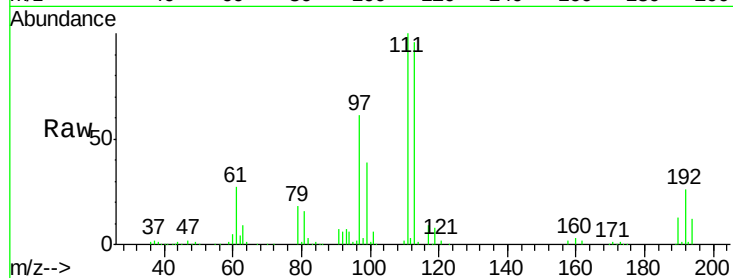
#35  
 Dibromofluoromethane  
 Concen: 49.02 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 123486 |       |       |
| 111     | 102.5 | 82.2   | 123.2 |       |
| 192     | 26.8  | 21.4   | 32.0  |       |

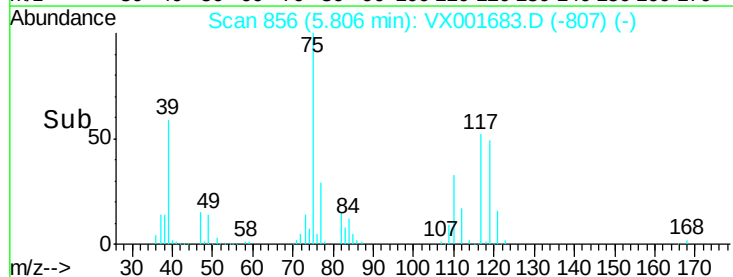
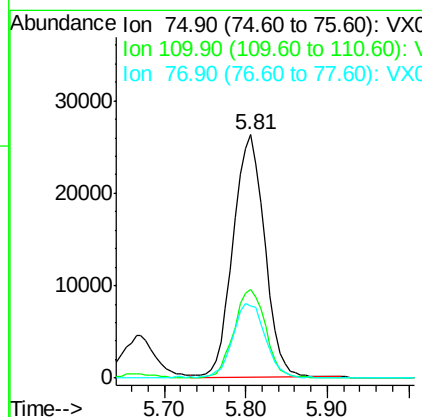
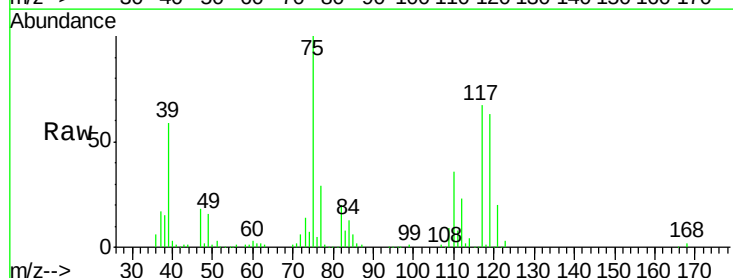
Manual Integrations  
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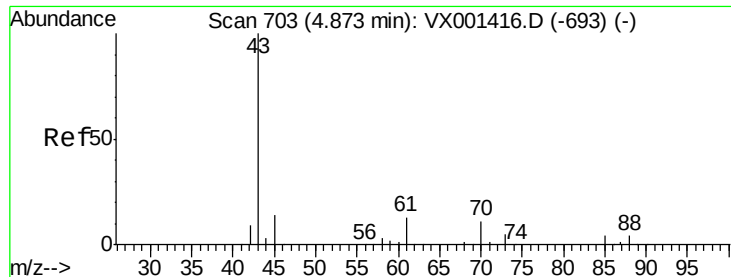
apatel  
 5/15/2018 6:32:00 PM



#36  
 1,1-Dichloropropene  
 Concen: 19.43 ug/l  
 RT: 5.81 min Scan# 856  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 69990 |       |       |
| 110     | 37.1  | 18.9  | 56.7  |       |
| 77      | 32.0  | 24.9  | 37.3  |       |





#37

Ethyl Acetate

Concen: 21.09 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

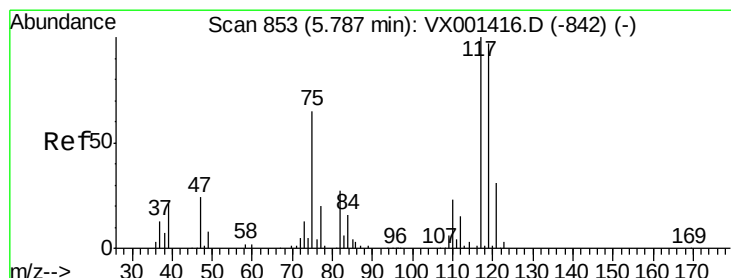
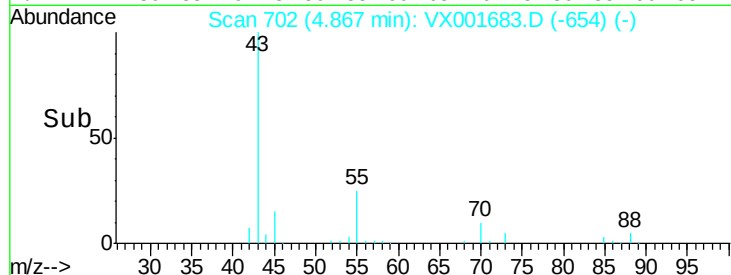
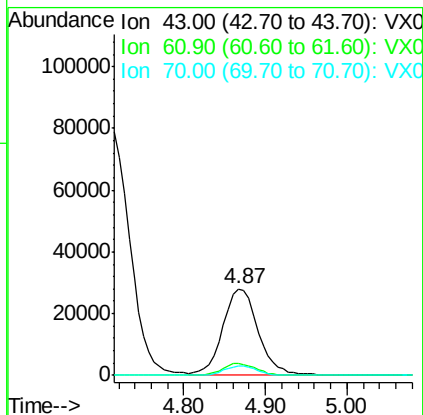
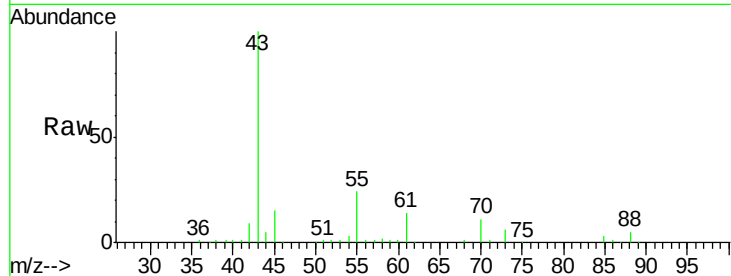
ClientSampleId :

VX0512WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 83282 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.5  | 10.7  | 16.1  |
| 70       | 10.4  | 8.4   | 12.6  |

Manual Integrations  
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apatel  
5/15/2018 6:32:00 PM



#38

Carbon Tetrachloride

Concen: 20.28 ug/l

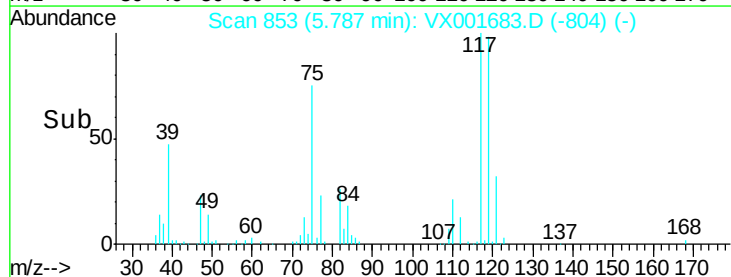
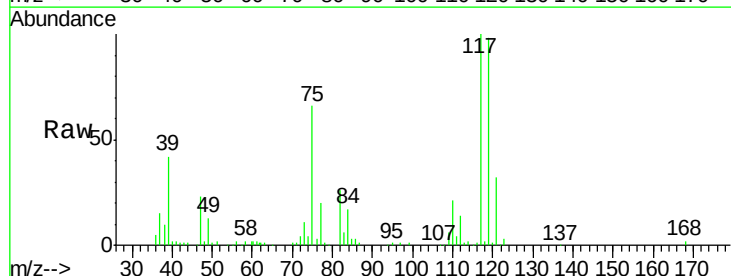
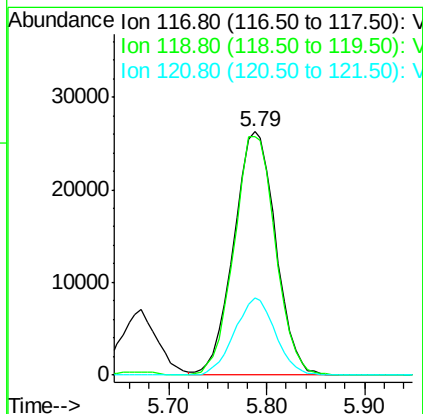
RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

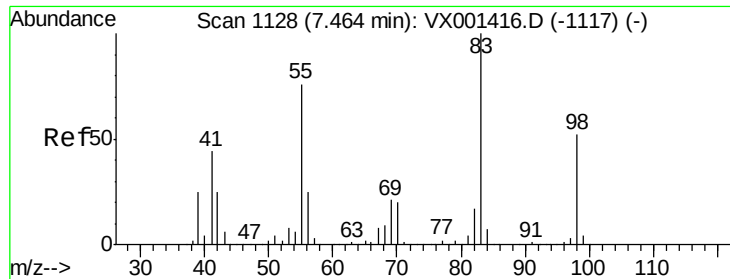
Lab File: VX001683.D

Acq: 12 May 2018 22:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 77910 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.2  | 77.0  | 115.6 |
| 121      | 32.0  | 25.1  | 37.7  |







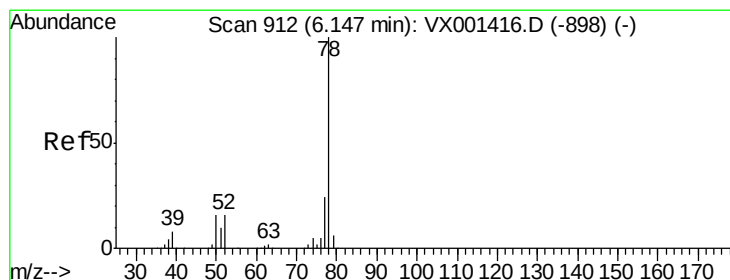
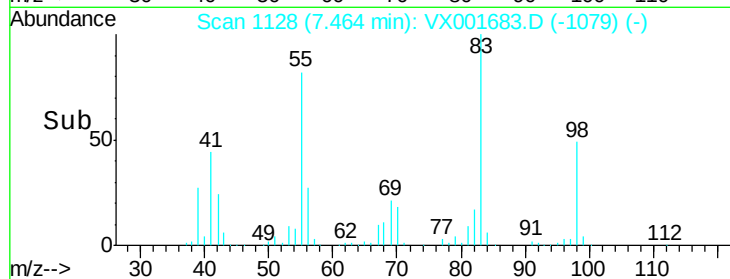
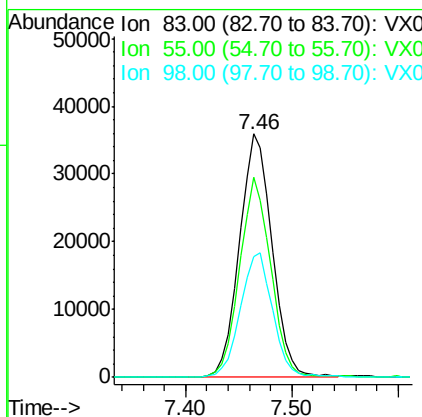
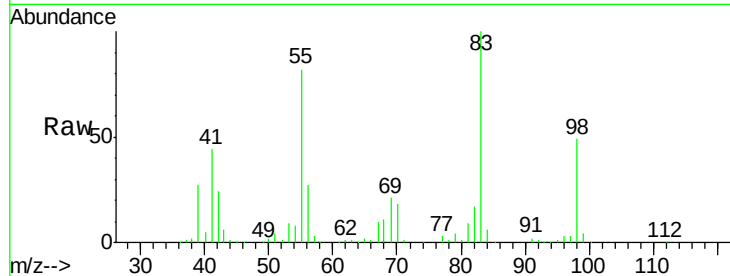
#39  
Methylvlcyclohexane  
Concen: 18.21 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 82.1  | 60.9 | 91.3  |       |
| 98      | 49.4  | 41.9 | 62.9  |       |

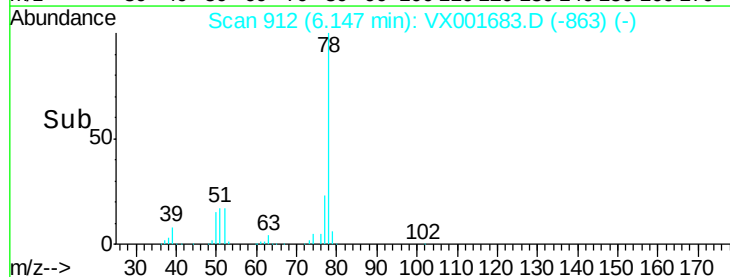
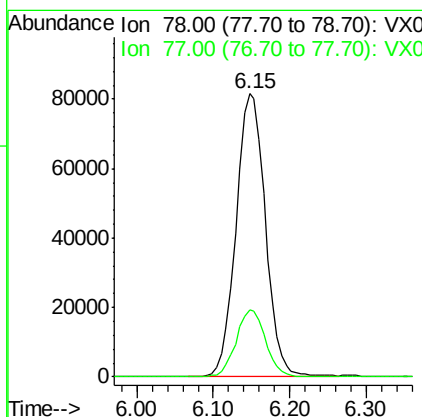
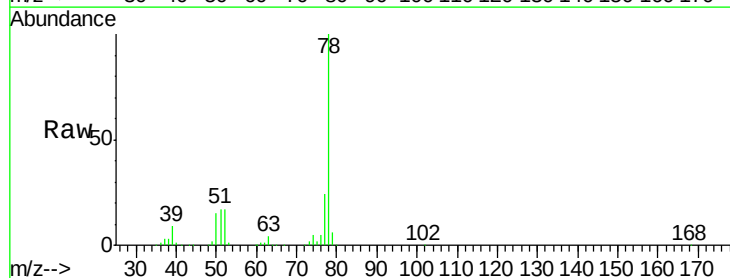
Manual Integrations  
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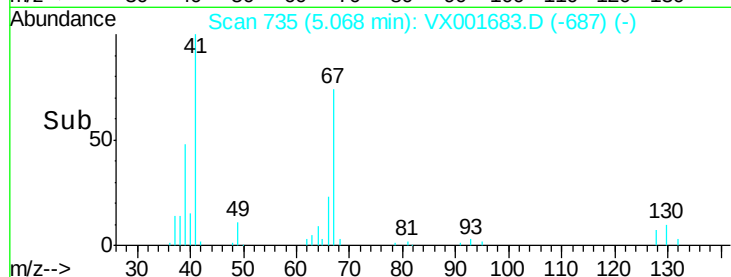
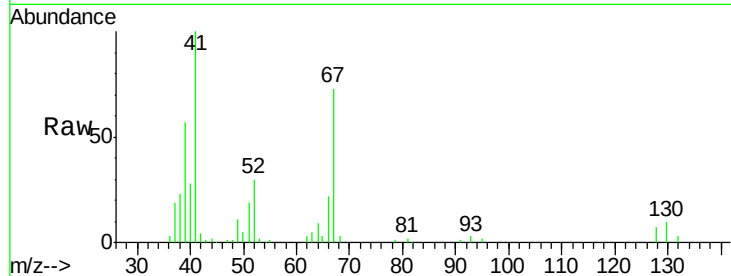
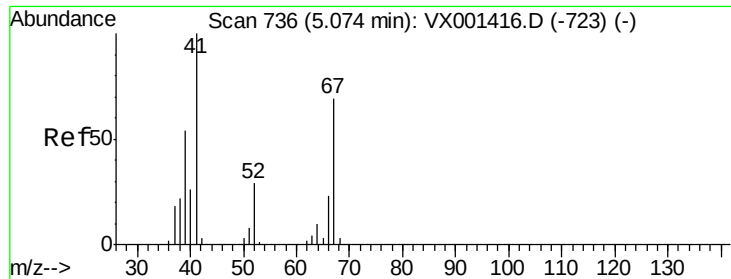
apatel  
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#40  
Benzene  
Concen: 20.68 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 23.6  | 19.4 | 29.2  |       |





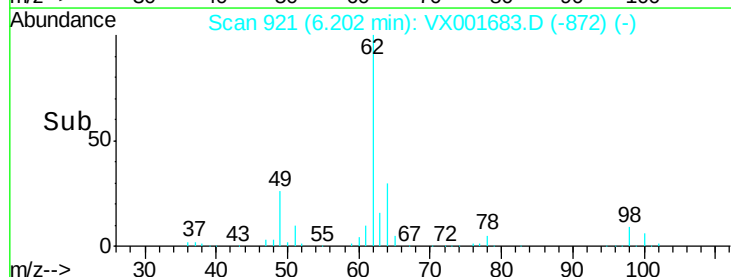
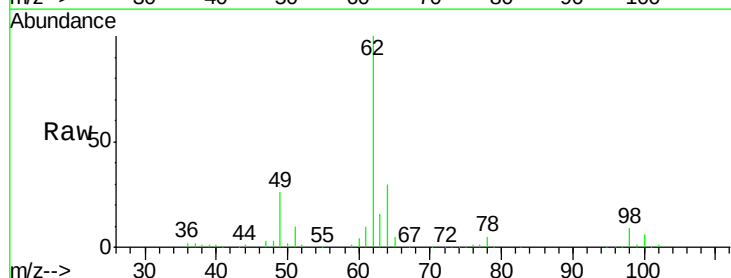
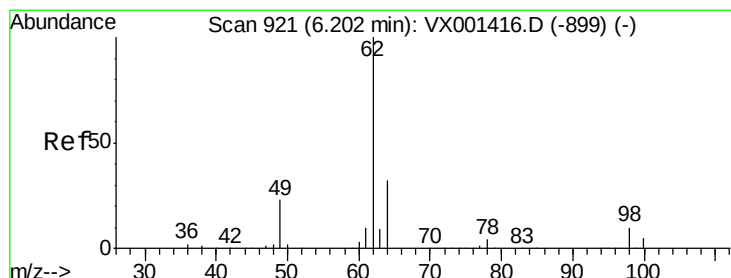
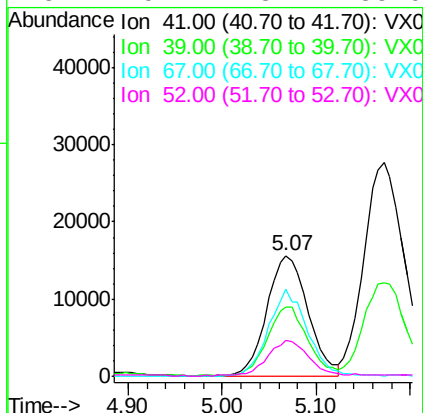
#41  
Methacrylonitrile  
Concen: 21.22 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 47944 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.8  | 45.0  | 67.6  |
| 67       | 67.9  | 55.0  | 82.6  |
| 52       | 29.1  | 23.4  | 35.0  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

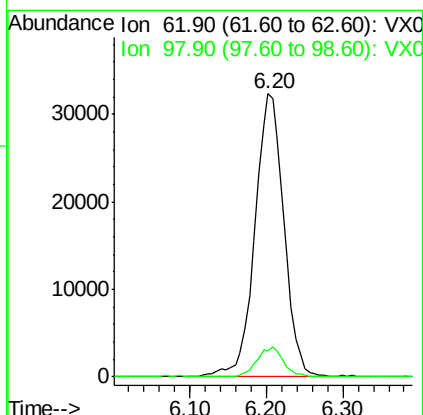
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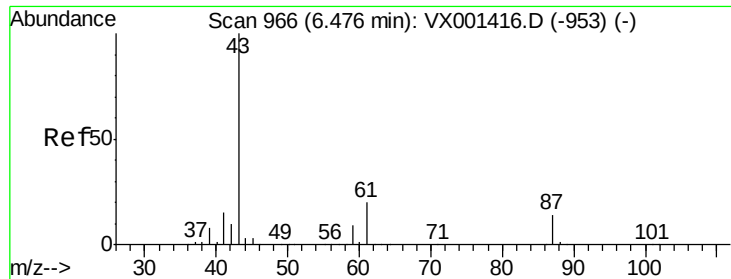
apatel  
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#42  
1,2-Dichloroethane  
Concen: 21.18 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 85660 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.7   | 0.0   | 19.0  |





#43

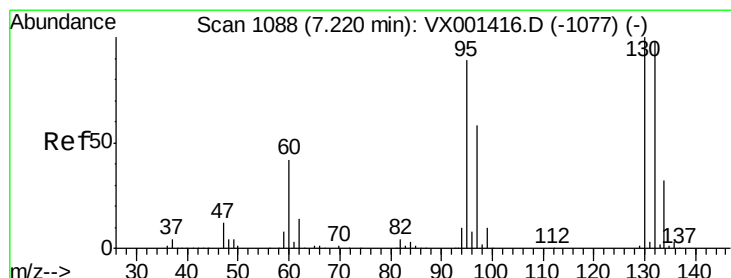
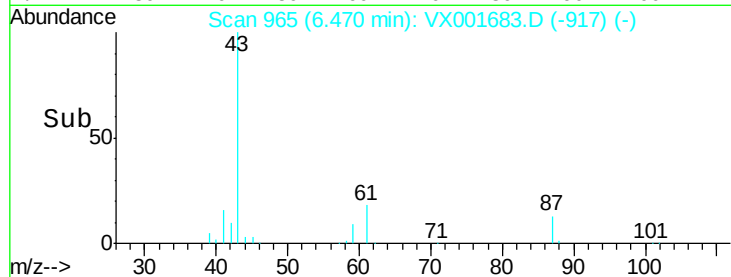
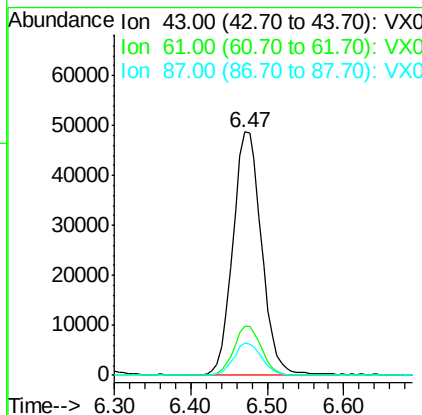
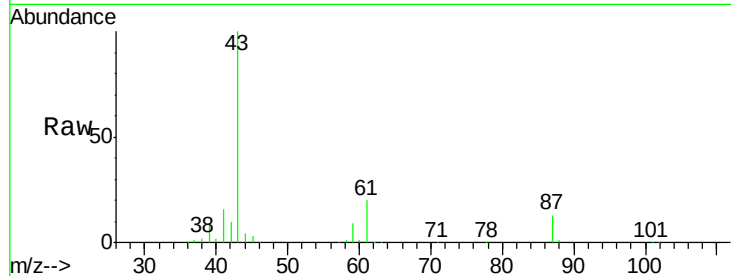
Isopropyl Acetate  
 Concen: 20.84 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. -0.01 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.6  | 15.4  | 23.0  |
| 87      | 13.1  | 10.8  | 16.2  |

Manual Integrations  
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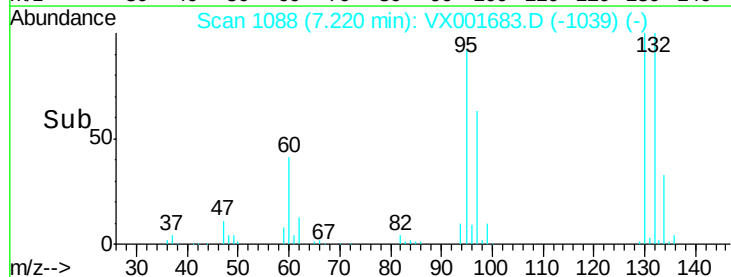
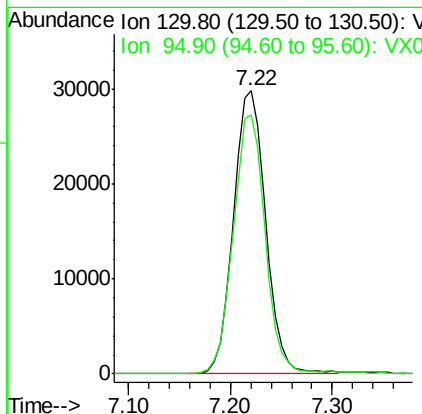
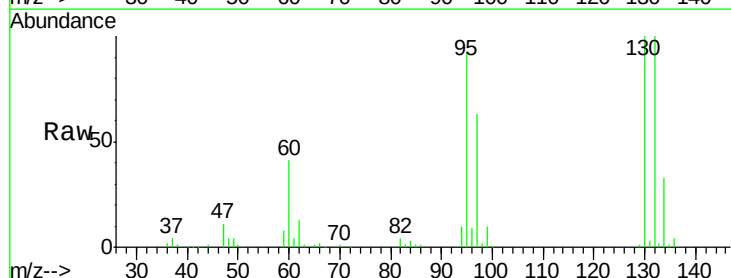
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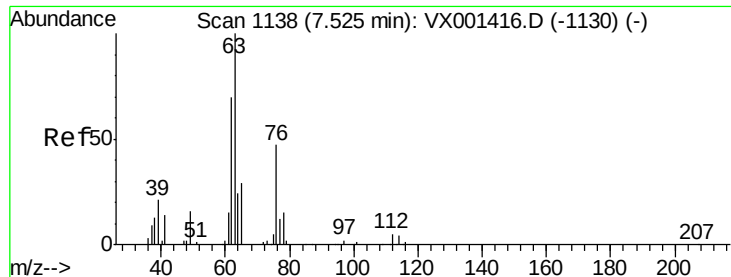


#44

Trichloroethene  
 Concen: 20.24 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 91.6  | 0.0   | 178.4 |





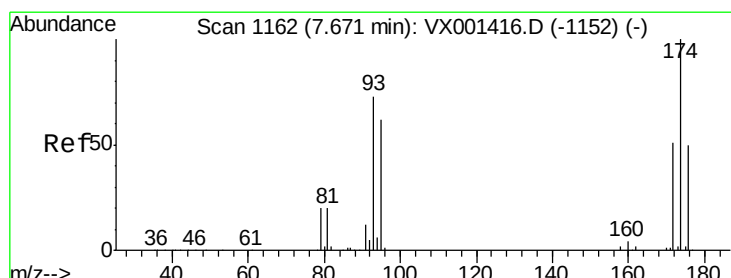
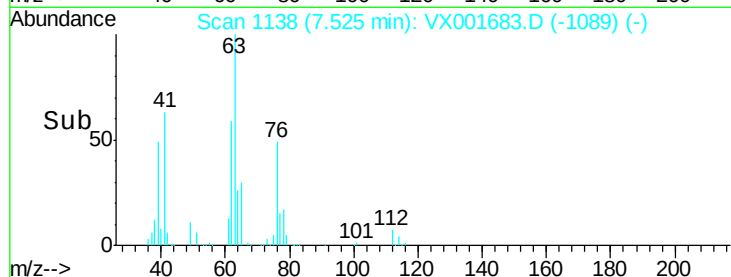
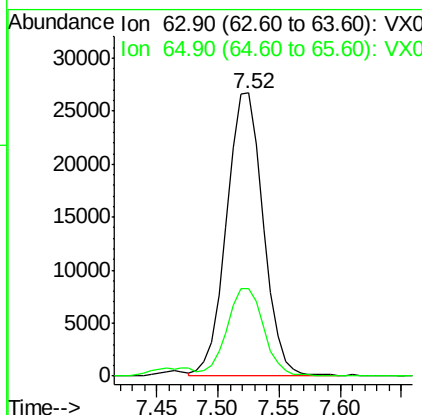
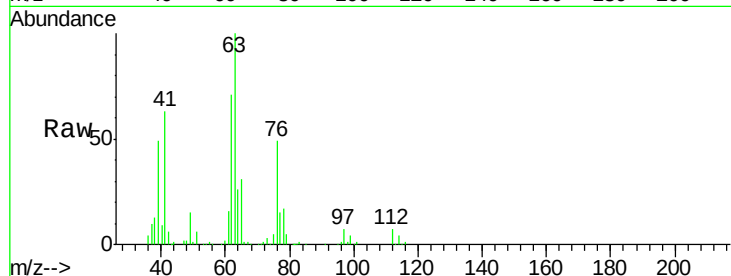
#45  
 1,2-Dichloropropane  
 Concen: 21.13 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

Tot Ion: 63 Resp: 55415  
 Ion Ratio Lower Upper  
 63 100  
 65 31.2 24.5 36.7

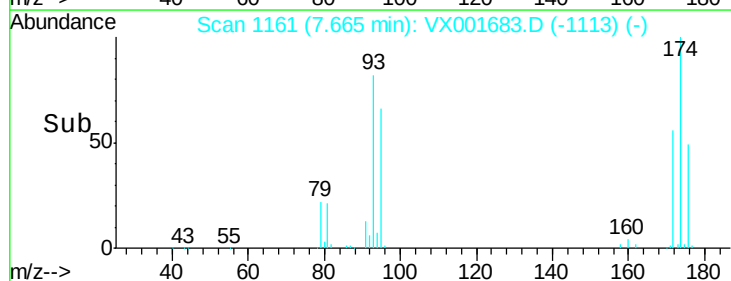
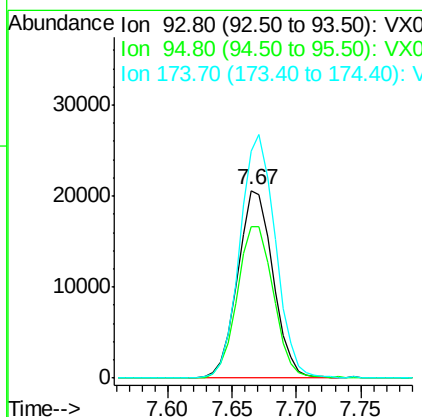
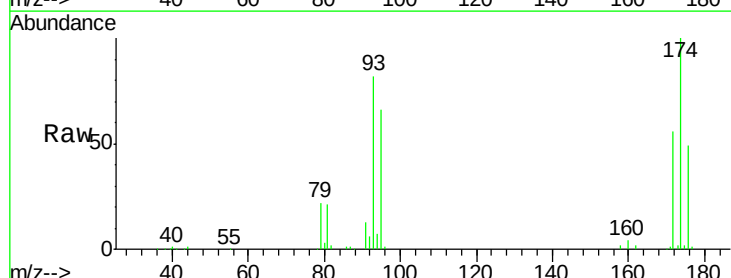
Manual Integrations  
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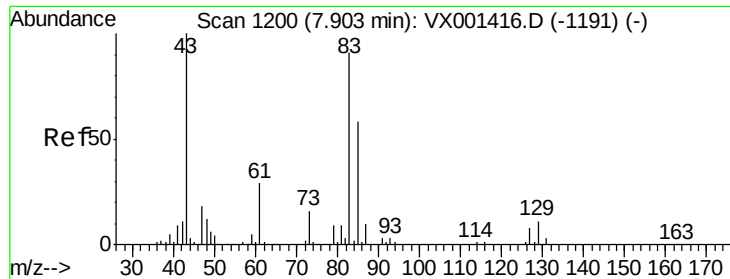
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#46  
 Dibromomethane  
 Concen: 21.18 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. -0.01 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Tgt Ion: 93 Resp: 39329  
 Ion Ratio Lower Upper  
 93 100  
 95 82.6 67.0 100.4  
 174 130.0 104.5 156.7





#47

Bromodichloromethane

Concen: 21.43 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

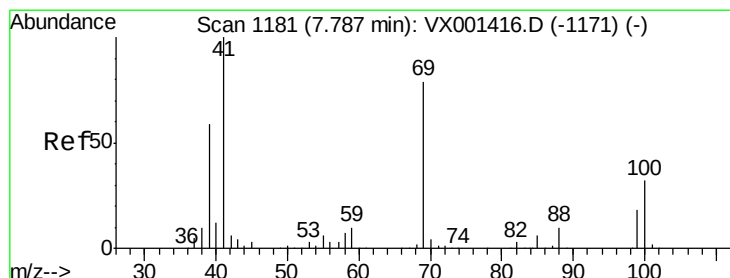
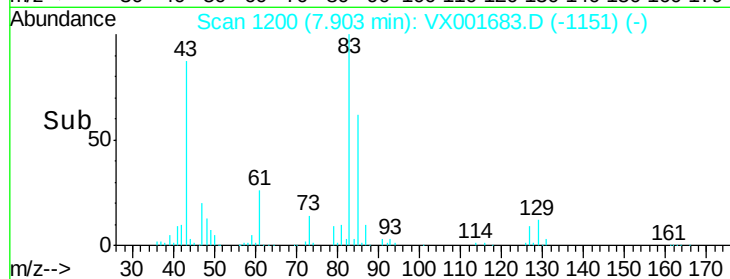
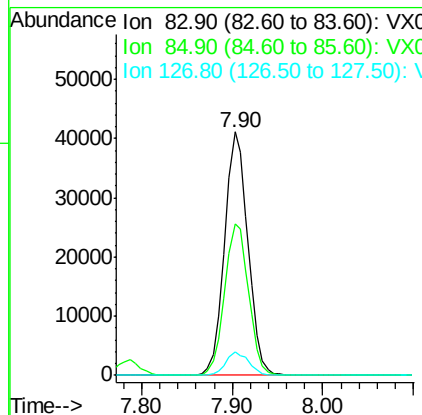
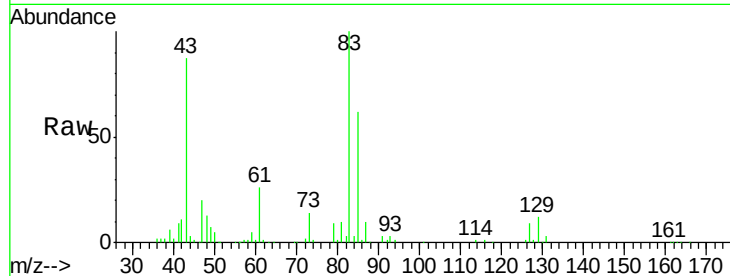
ClientSampleId :

VX0512WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 73659 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.4  | 51.0  | 76.6  |
| 127      | 9.4   | 7.4   | 11.2  |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 20.44 ug/l

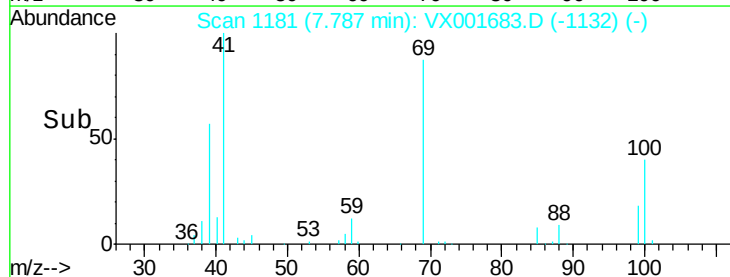
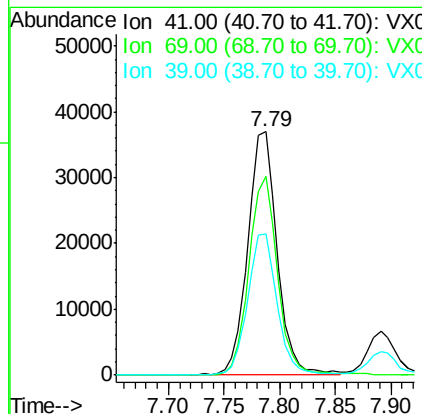
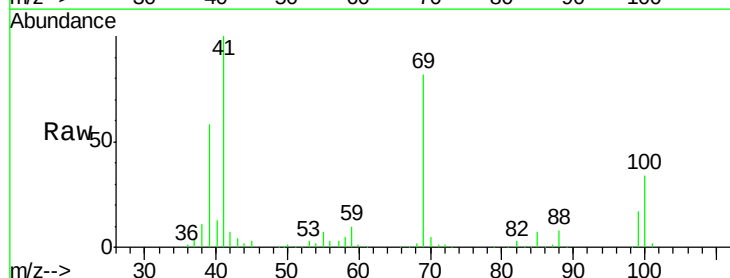
RT: 7.79 min Scan# 1181

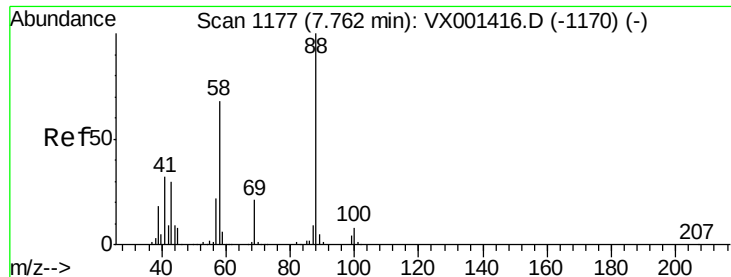
Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 67463 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 80.7  | 63.4  | 95.2  |
| 39       | 58.1  | 47.0  | 70.4  |





#49

1,4-Dioxane

Concen: 426.94 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

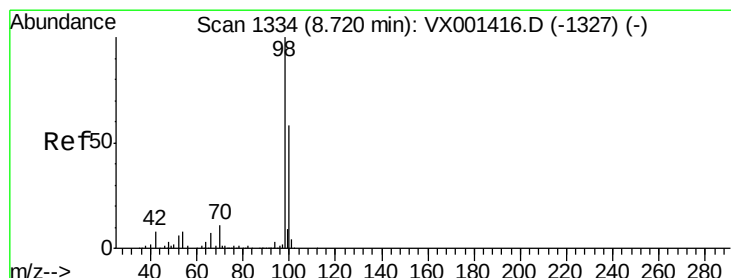
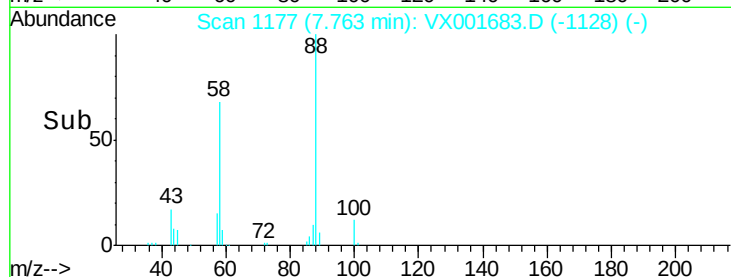
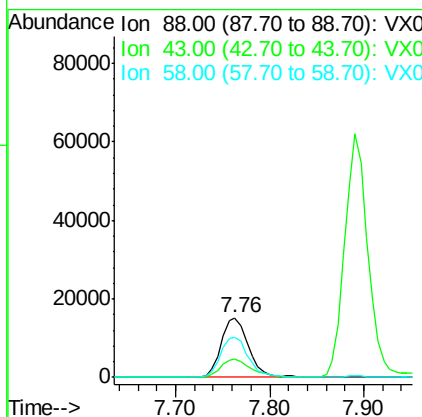
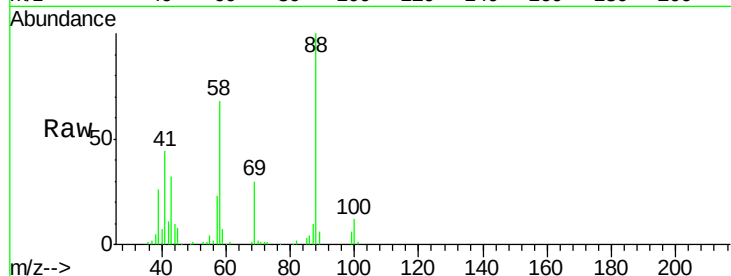
ClientSampleId :

VX0512WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 30446 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 33.5  | 26.4  | 39.6  |
| 58       | 69.6  | 54.1  | 81.1  |

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#50

Toluene-d8

Concen: 46.73 ug/l

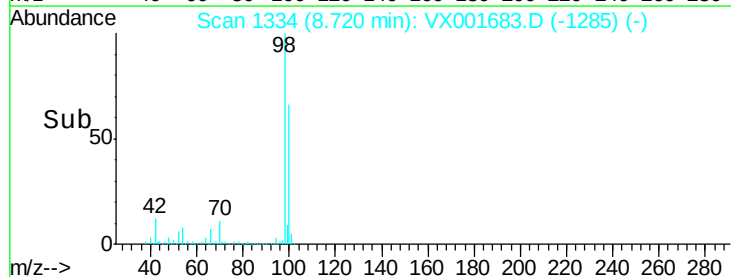
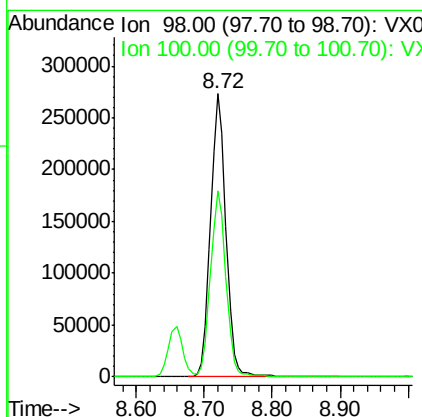
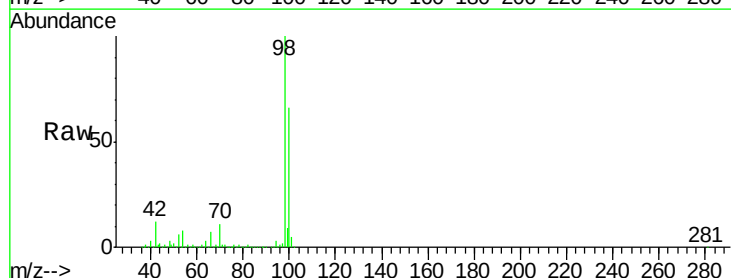
RT: 8.72 min Scan# 1334

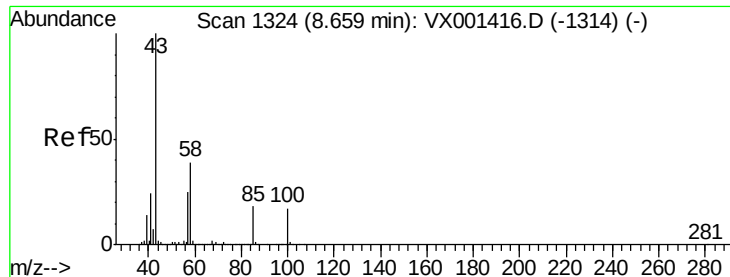
Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 429687 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.3  | 54.0  | 81.0   |





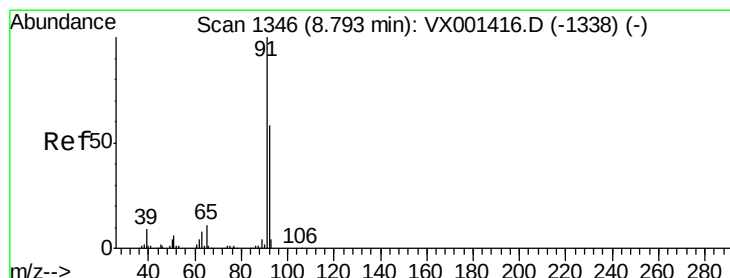
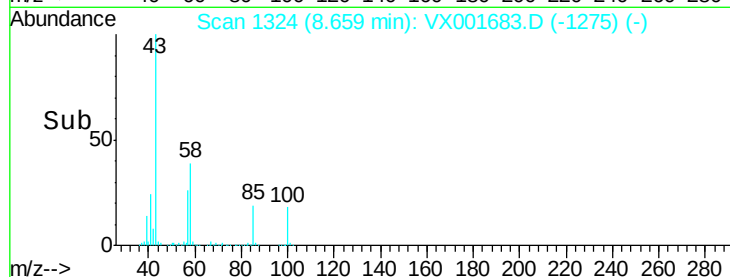
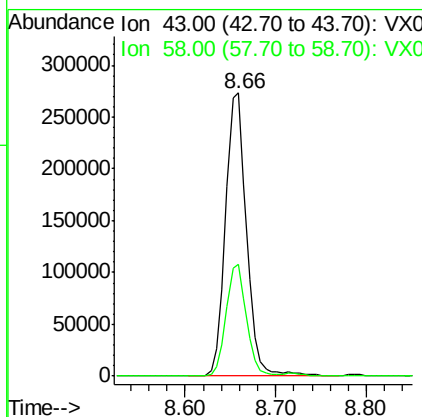
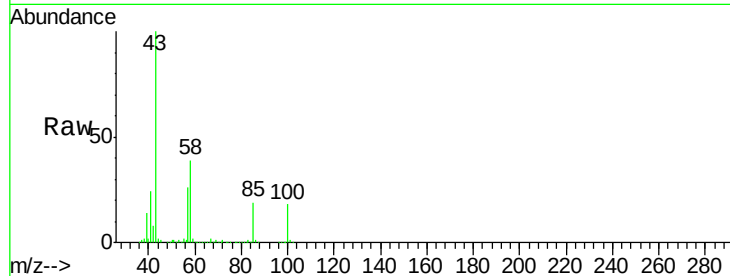
#51  
4-Methyl-2-Pentanone  
Concen: 109.41 ug/l  
RT: 8.66 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 38.1  | 30.8  | 46.2  |

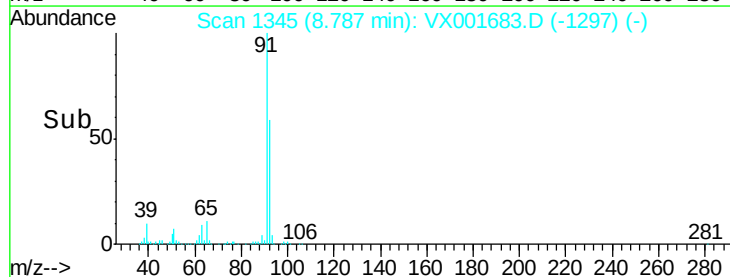
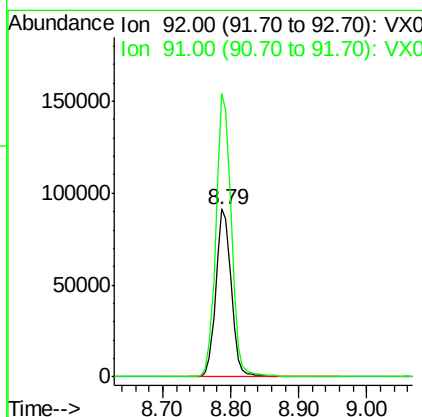
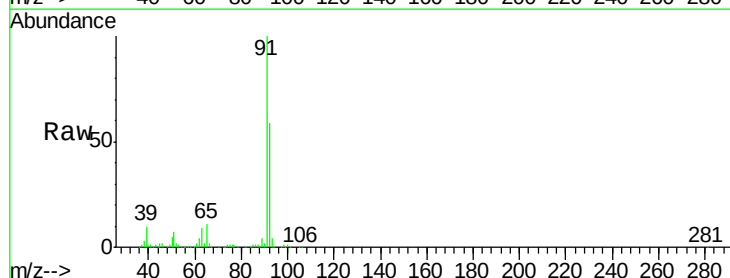
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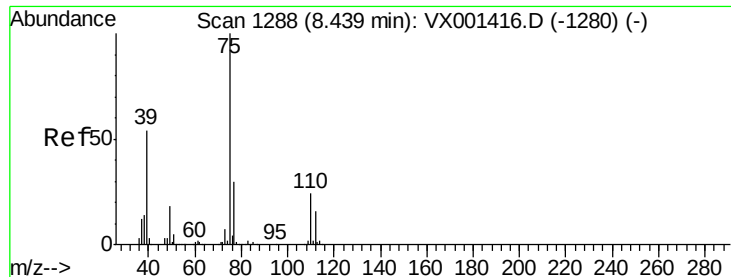
apatel  
5/15/2018 6:32:00 PM



#52  
Toluene  
Concen: 20.90 ug/l  
RT: 8.79 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 168.3 | 135.2 | 202.8 |





#53

t-1,3-Dichloropropene

Concen: 20.71 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0512WBSD02

Tot Ion: 75 Resp: 80420

Ion Ratio Lower Upper

75 100

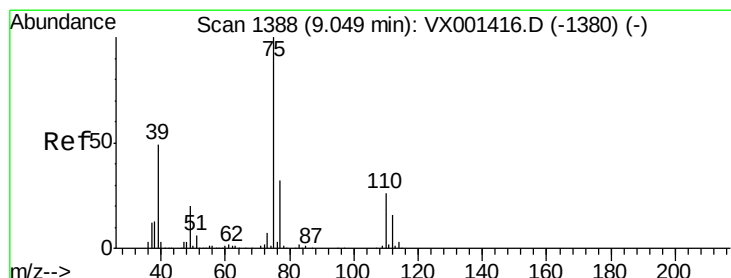
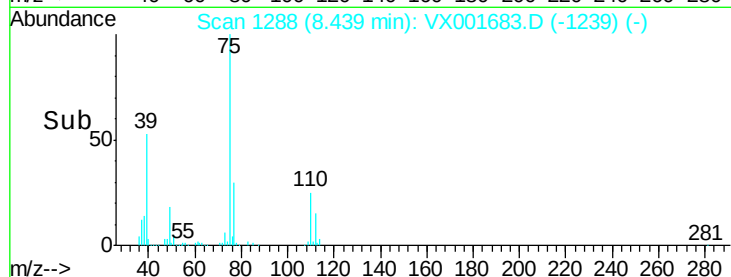
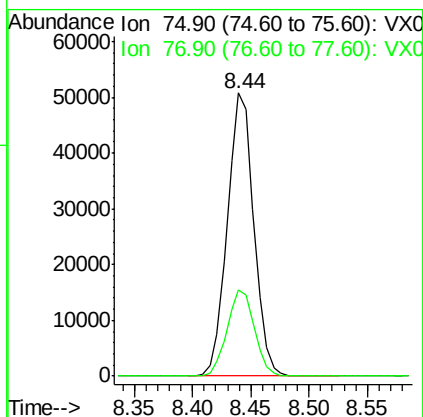
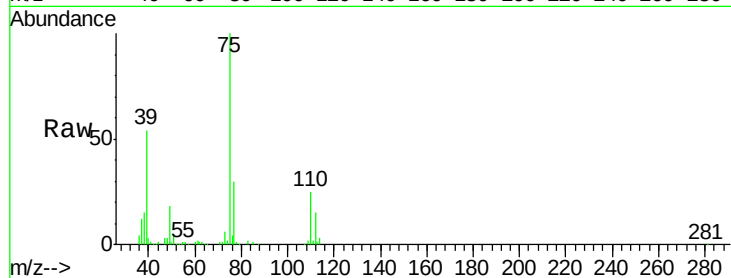
77 30.4 24.2 36.4

Manual Integrations

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apatel

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#54

cis-1,3-Dichloropropene

Concen: 19.20 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

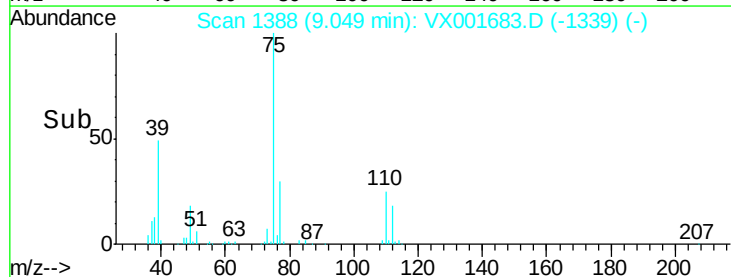
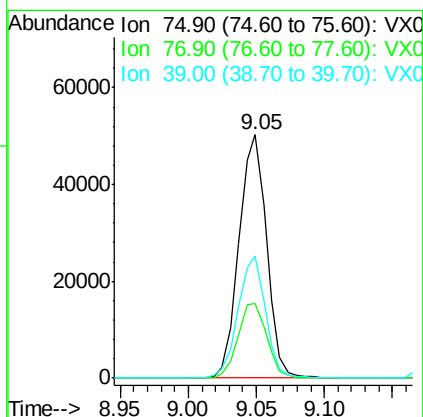
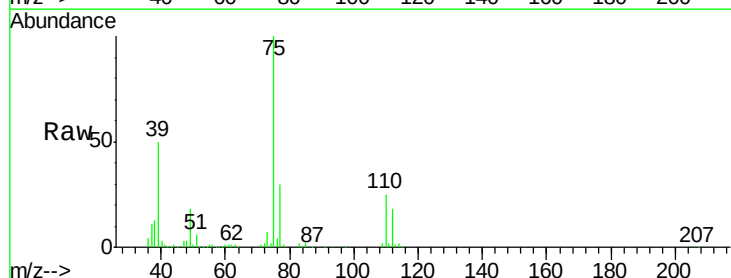
Tgt Ion: 75 Resp: 71226

Ion Ratio Lower Upper

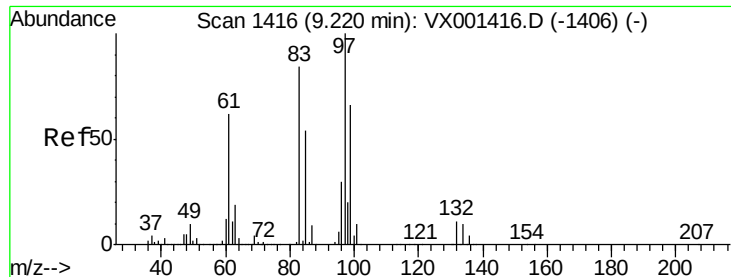
75 100

77 30.5 25.5 38.3

39 49.7 38.9 58.3







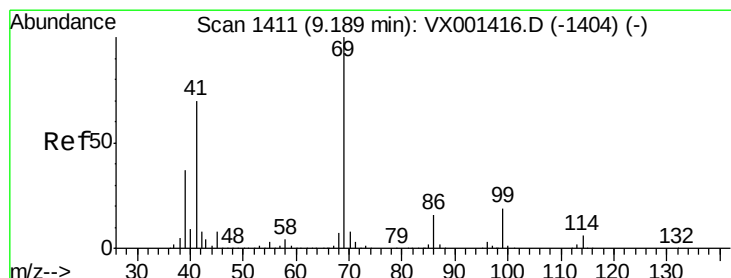
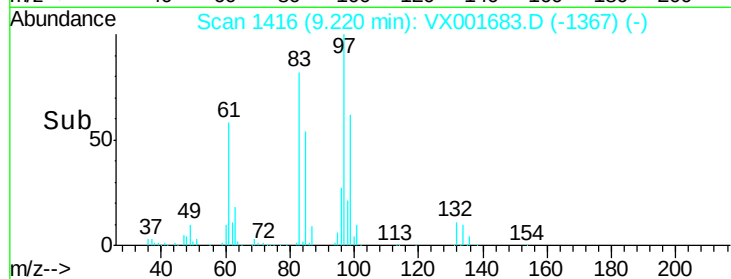
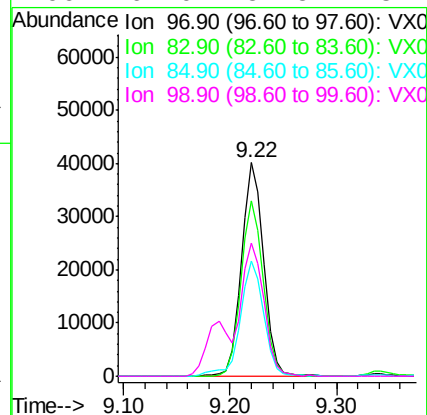
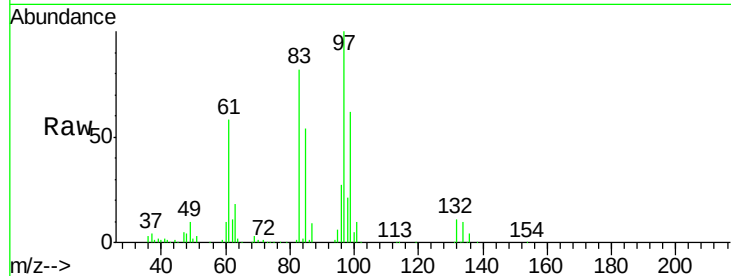
#55  
 1,1,2-Trichloroethane  
 Concen: 21.25 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 58899 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.3  | 67.4  | 101.0 |
| 85       | 53.7  | 43.3  | 64.9  |
| 99       | 62.0  | 52.5  | 78.7  |

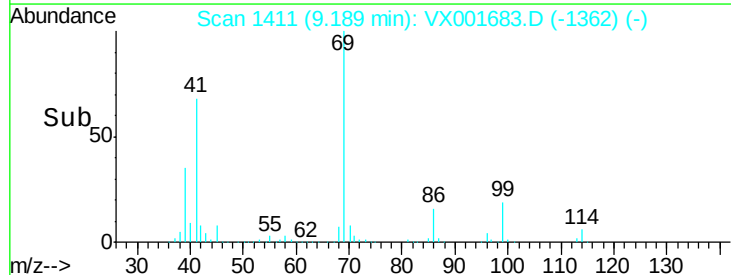
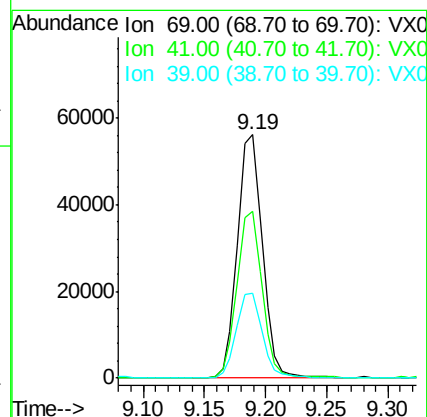
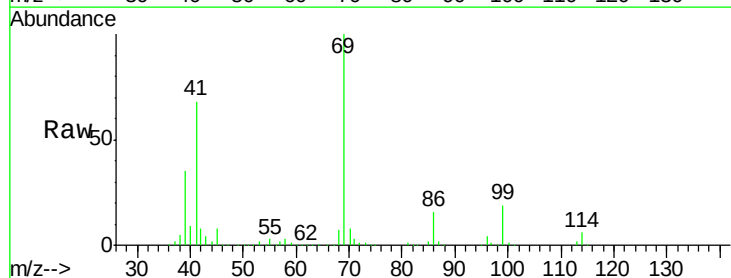
Manual Integrations  
 APPROVED

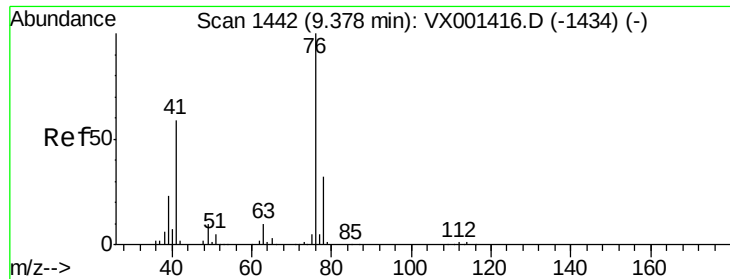
apatel  
 5/15/2018 6:32:00 PM



#56  
 Ethyl methacrylate  
 Concen: 19.89 ug/l  
 RT: 9.19 min Scan# 1411  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 79456 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 68.9  | 55.1  | 82.7  |
| 39       | 35.6  | 29.9  | 44.9  |





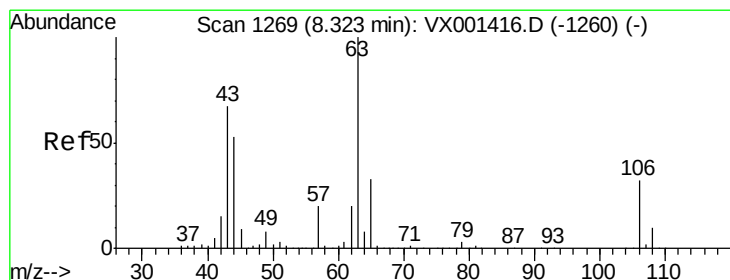
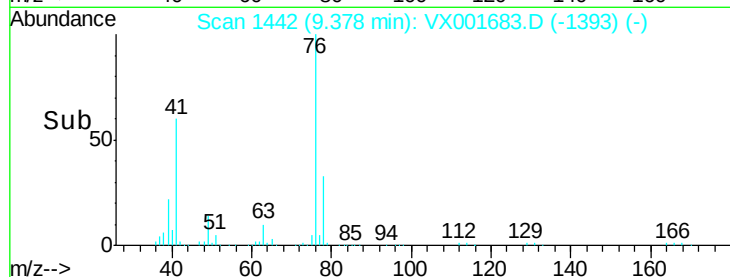
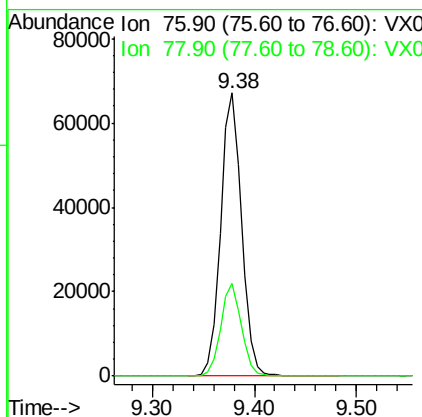
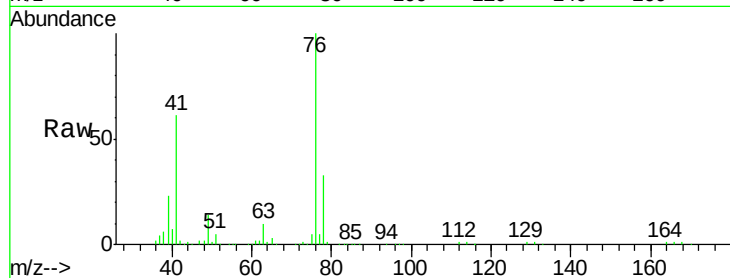
#57  
 1,3-Dichloropropane  
 Concen: 21.02 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.3  | 25.8  | 38.6  |

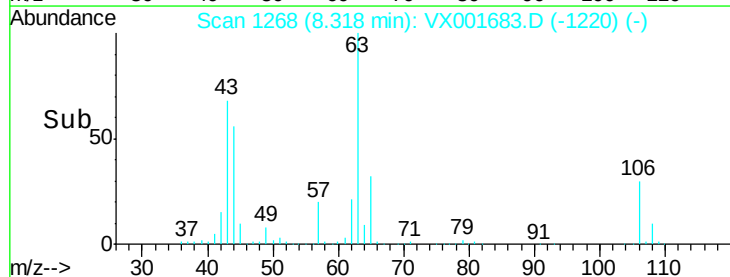
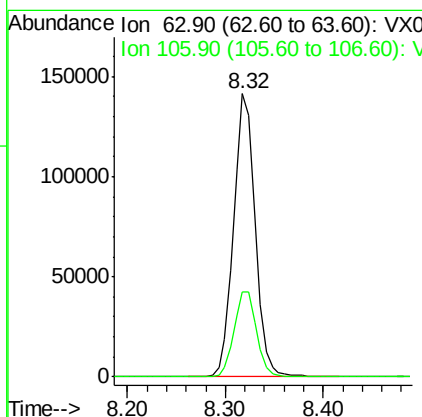
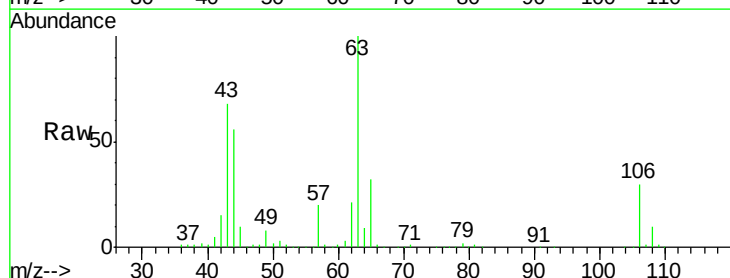
Manual Integrations  
 APPROVED

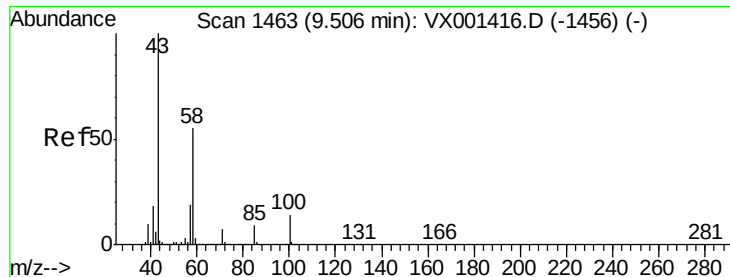
apatel  
 5/15/2018 6:32:00 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 111.00 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. -0.01 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 31.5  | 25.4  | 38.0  |





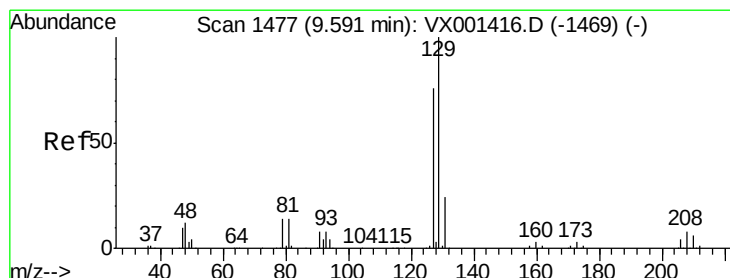
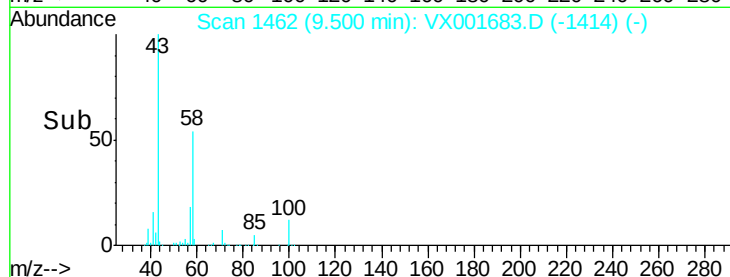
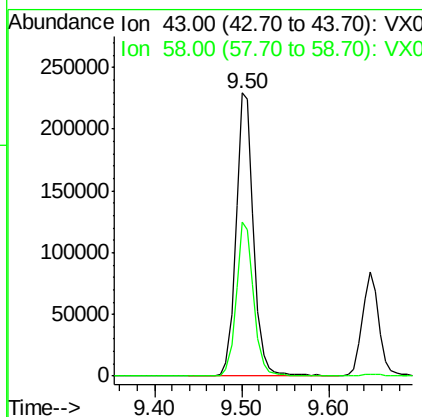
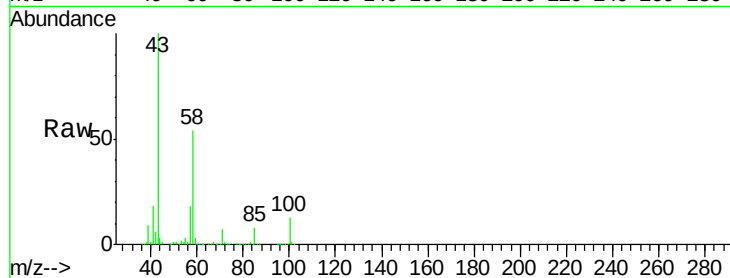
#59  
2-Hexanone  
Concen: 104.59 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.01 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 53.9  | 27.1  | 81.2  |

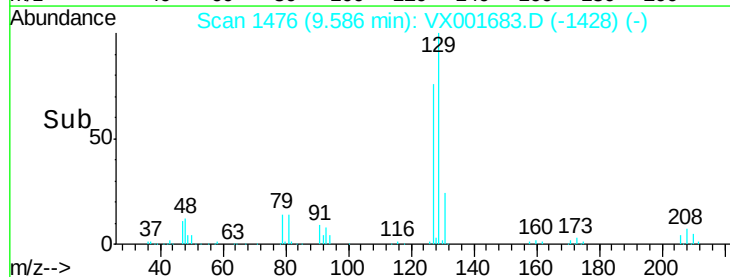
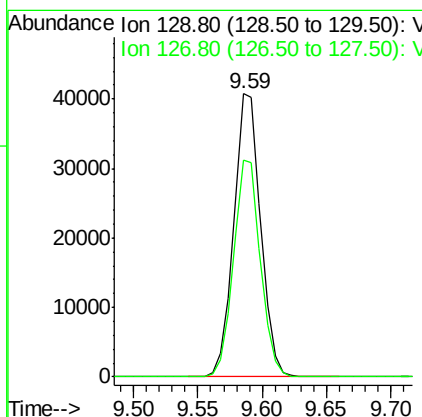
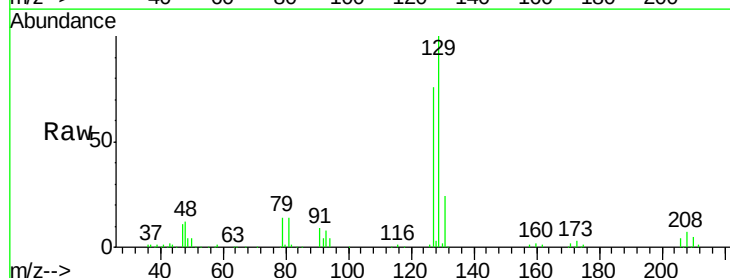
Manual Integrations  
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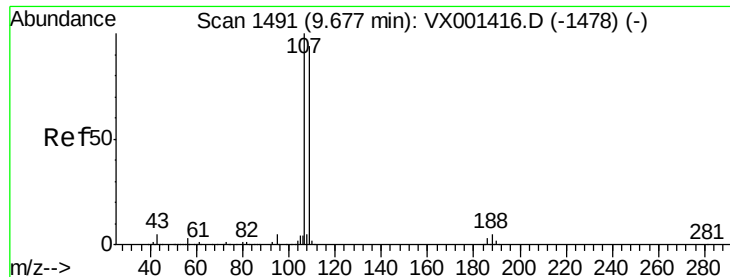
apatel  
5/15/2018 6:32:00 PM



#60  
Dibromochloromethane  
Concen: 20.85 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.01 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.6  | 38.1  | 114.5 |





#61

1,2-Dibromoethane

Concen: 20.75 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0512WBSD02

Tot Ion:107 Resp: 60385

Ion Ratio Lower Upper

107 100

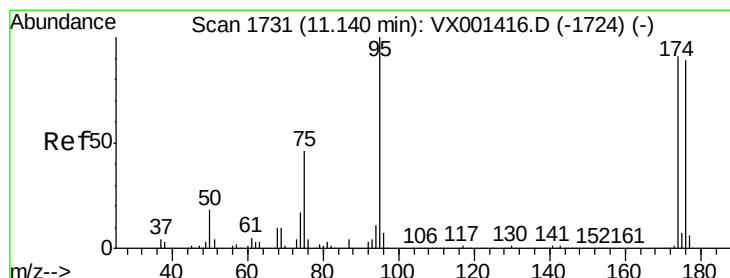
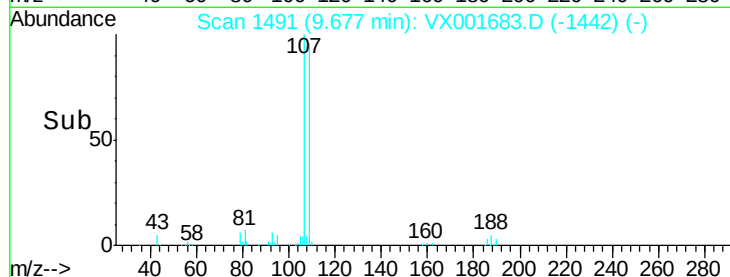
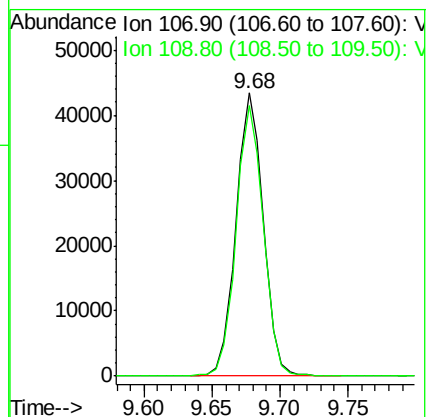
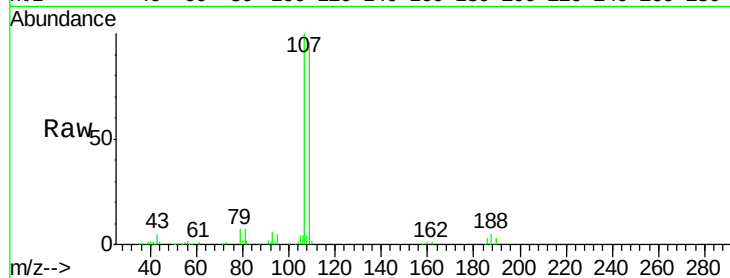
109 95.5 75.5 113.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 44.42 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

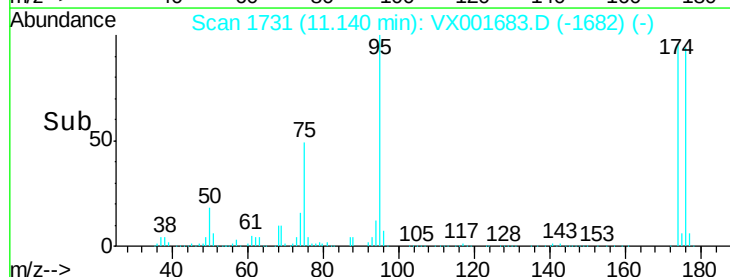
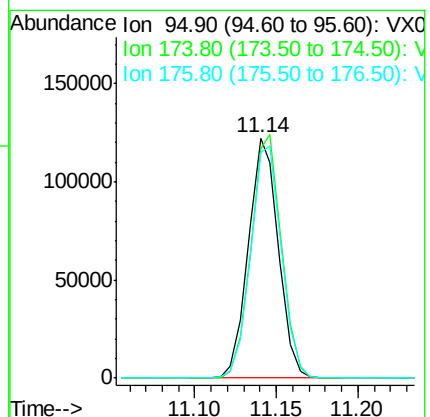
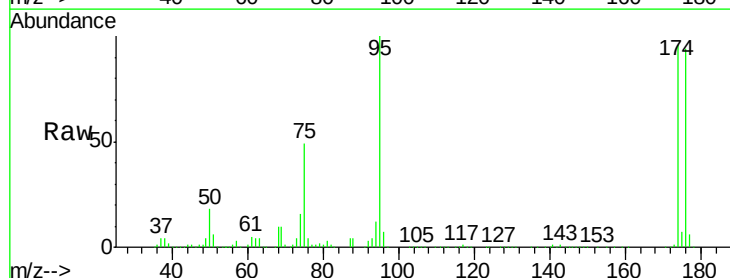
Tgt Ion: 95 Resp: 156777

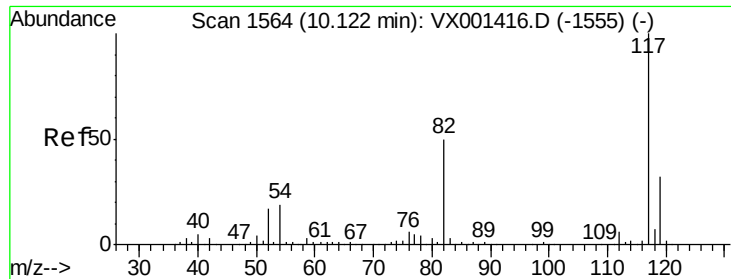
Ion Ratio Lower Upper

95 100

174 103.0 0.0 202.0

176 99.5 0.0 197.4





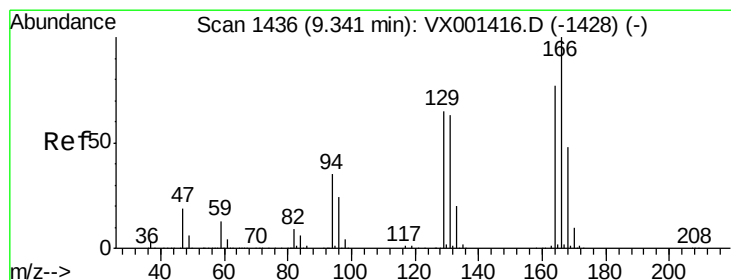
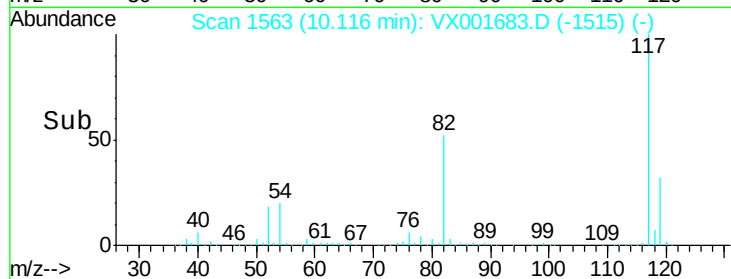
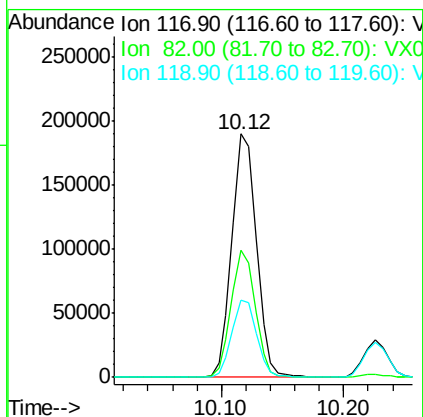
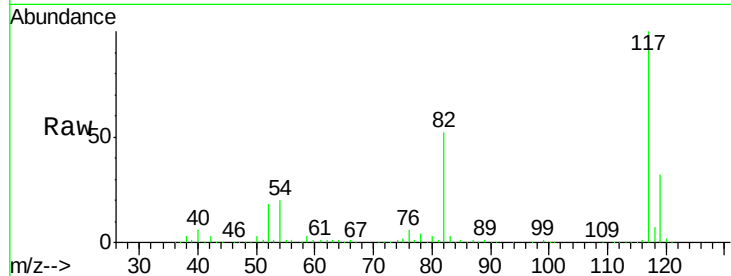
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.3  | 40.0  | 60.0  |
| 119     | 31.6  | 25.8  | 38.8  |

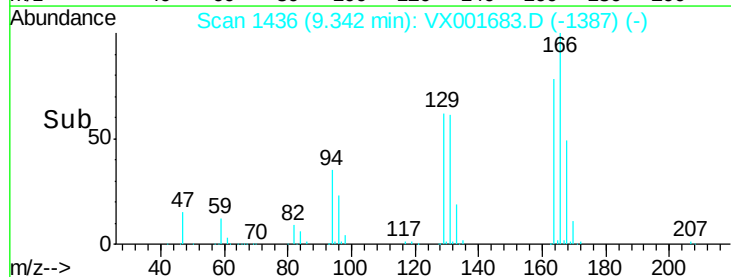
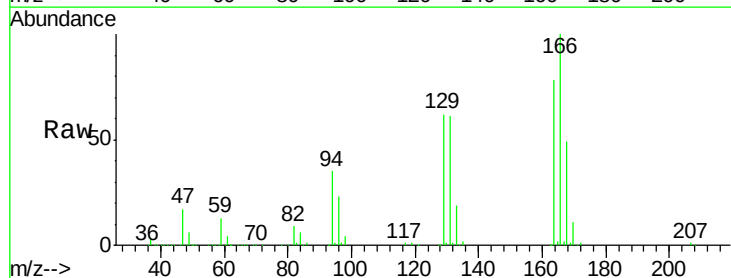
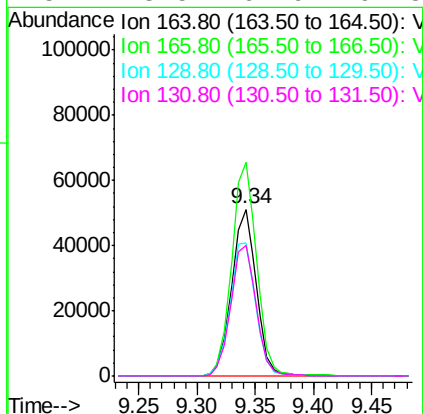
Manual Integrations  
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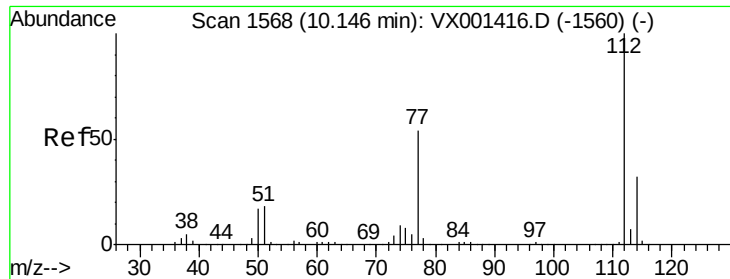
apatel  
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#64  
Tetrachloroethene  
Concen: 20.48 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.0 | 103.5 | 155.3 |
| 129     | 80.0  | 66.7  | 100.1 |
| 131     | 78.5  | 64.9  | 97.3  |





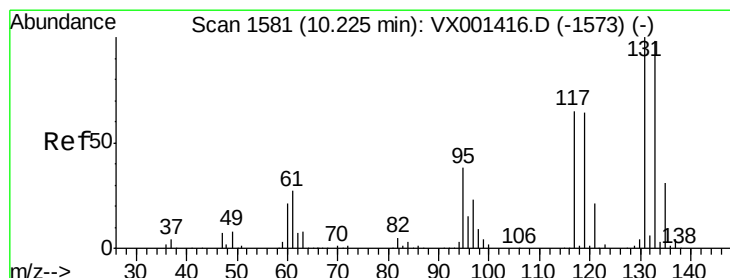
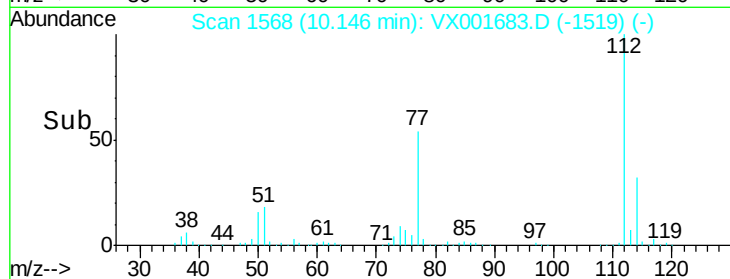
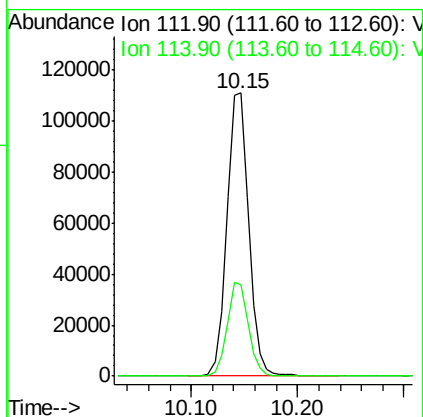
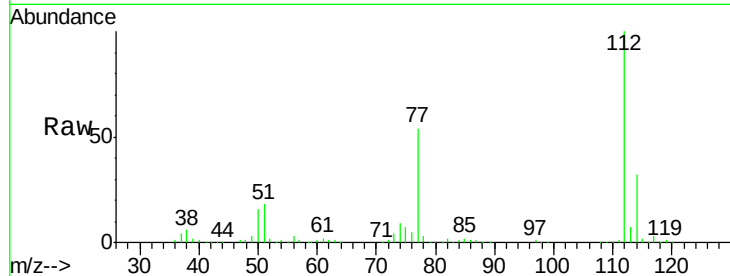
#65  
Chlorobenzene  
Concen: 20.60 ug/l  
RT: 10.15 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

Tot Ion:112 Resp: 159794  
Ion Ratio Lower Upper  
112 100  
114 32.2 26.0 39.0

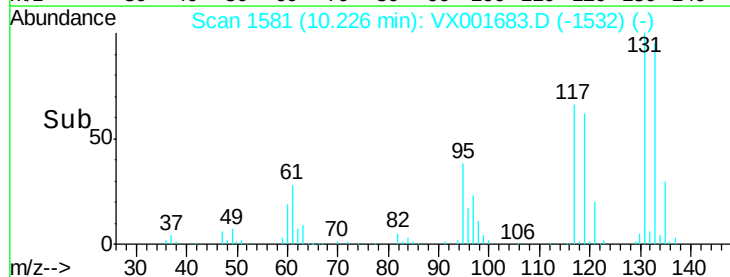
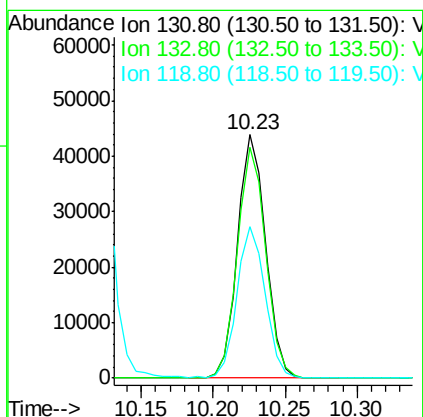
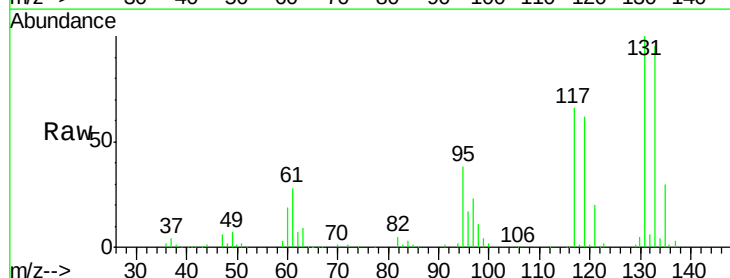
Manual Integrations  
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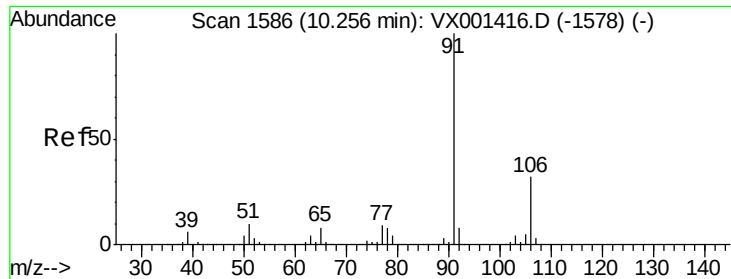
apatel  
5/15/2018 6:32:00 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.42 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Tgt Ion:131 Resp: 59413  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.9 143.8  
119 63.0 31.1 93.3





#67

Ethyl Benzene

Concen: 20.18 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampled :

VX0512WBSD02

Tot Ion: 91 Resp: 256547

Ion Ratio Lower Upper

91 100

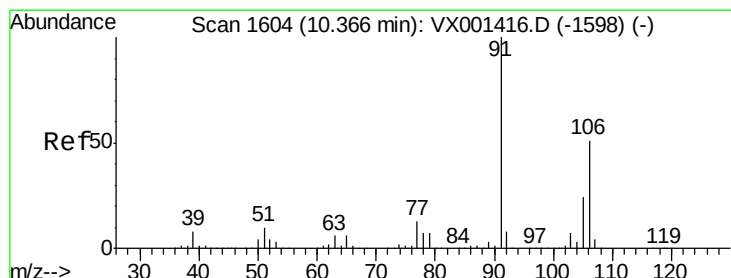
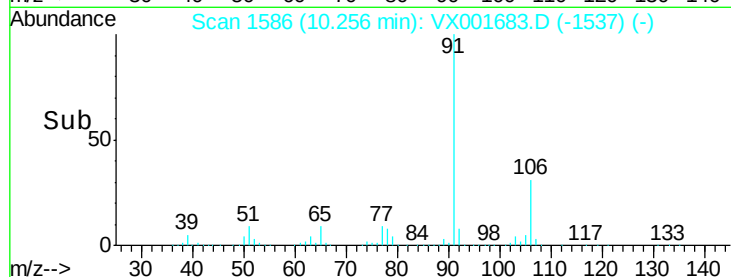
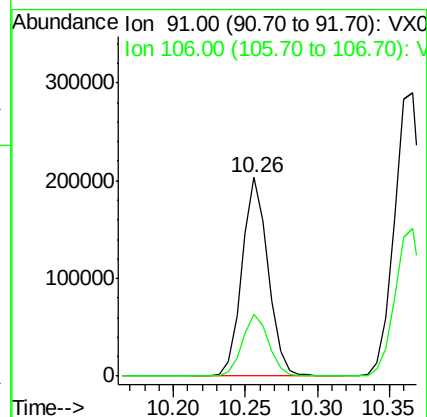
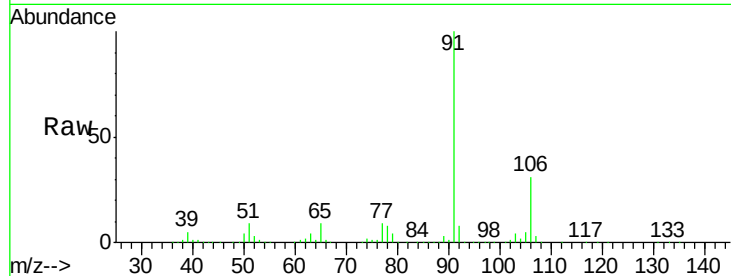
106 31.2 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.66 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001683.D

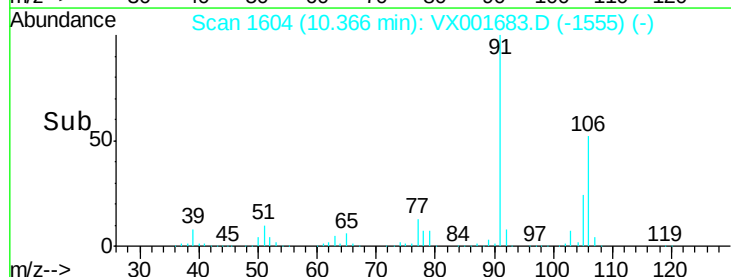
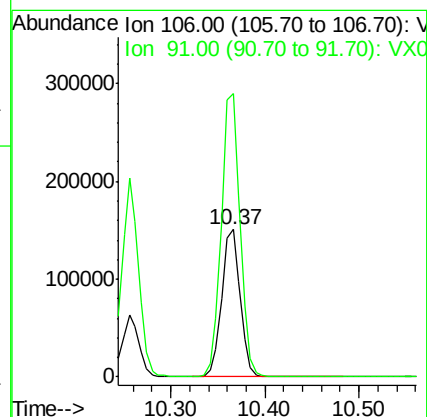
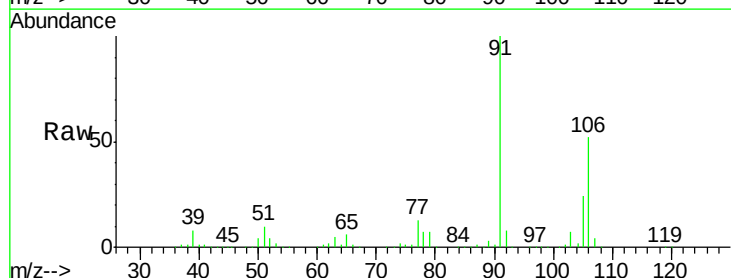
Acq: 12 May 2018 22:55

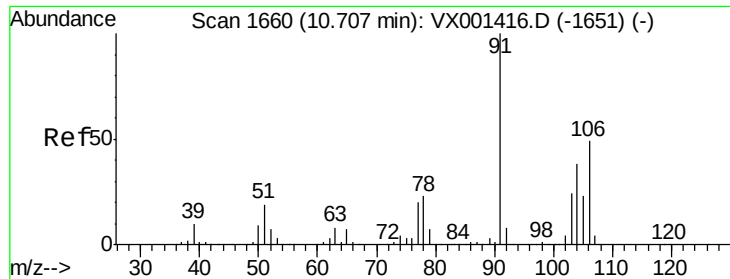
Tgt Ion: 106 Resp: 204210

Ion Ratio Lower Upper

106 100

91 196.9 157.5 236.3





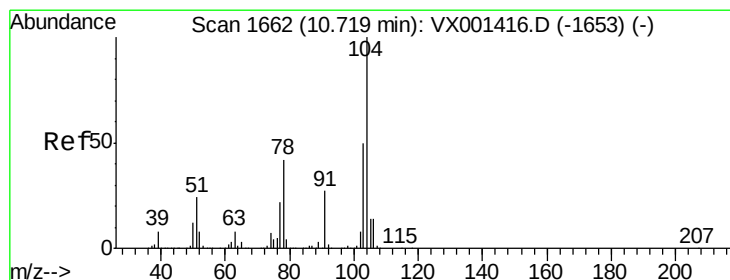
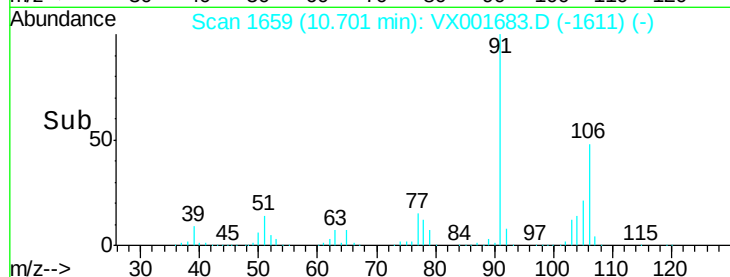
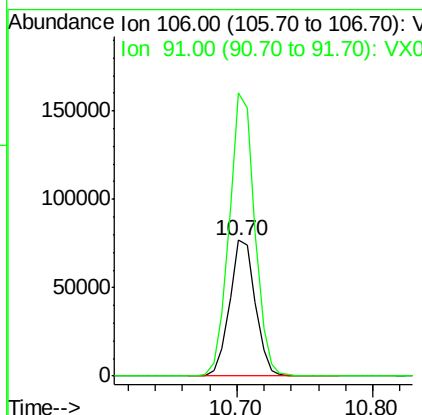
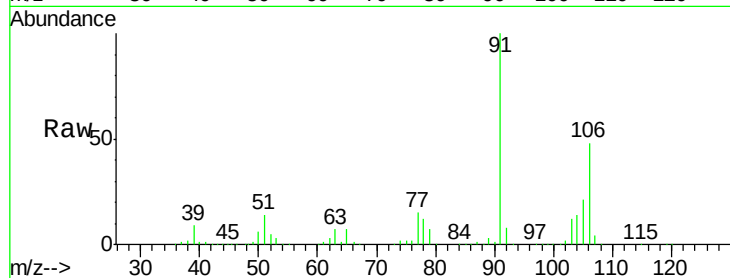
#69  
o-Xylene  
Concen: 20.68 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.01 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

Tot Ion:106 Resp: 100945  
Ion Ratio Lower Upper  
106 100  
91 207.0 103.1 309.1

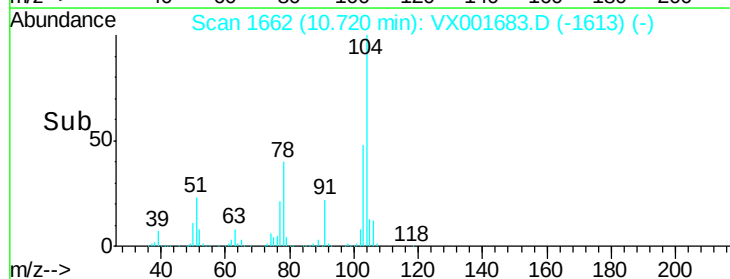
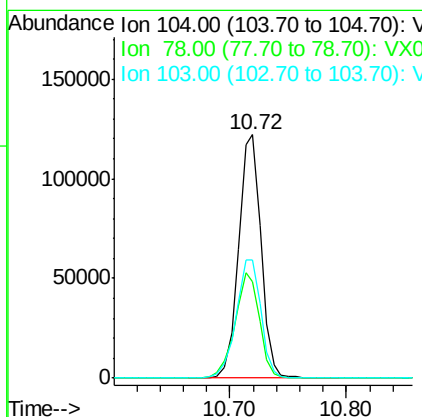
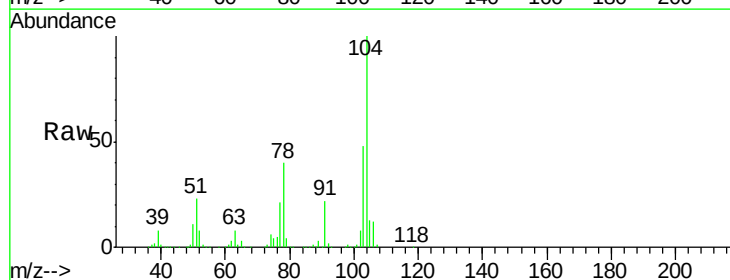
Manual Integrations  
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5/15/2018 6:32:00 PM

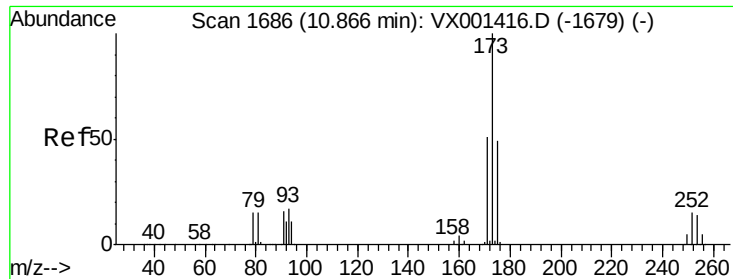


#70  
Styrene  
Concen: 20.63 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Tgt Ion:104 Resp: 163569  
Ion Ratio Lower Upper  
104 100  
78 47.3 38.6 58.0  
103 54.1 44.0 66.0







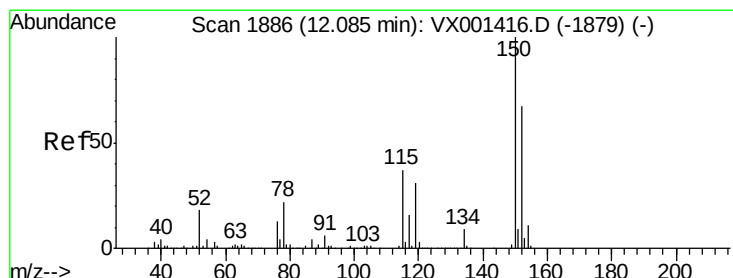
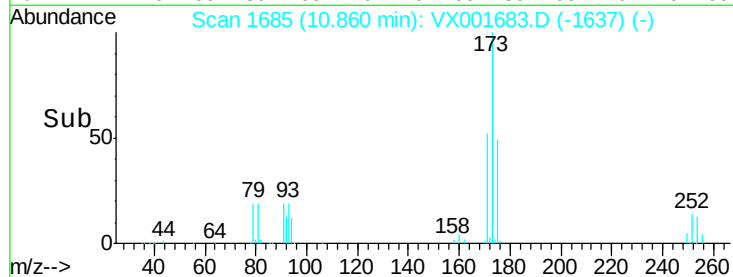
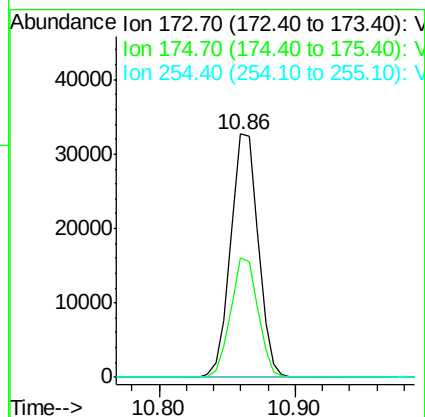
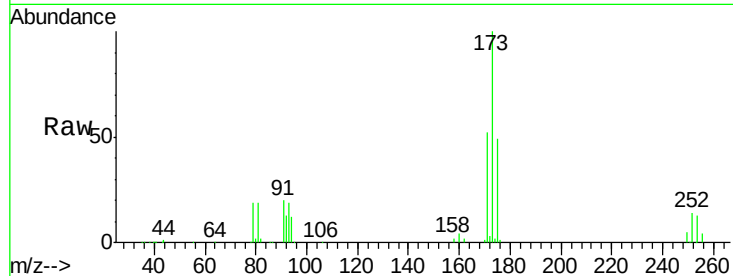
#71  
Bromoform  
Concen: 19.63 ug/l  
RT: 10.86 min Scan# 1685  
Delta R.T. -0.01 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.8  | 24.5  | 73.5  |
| 254     | 0.0   | 0.2   | 0.2   |

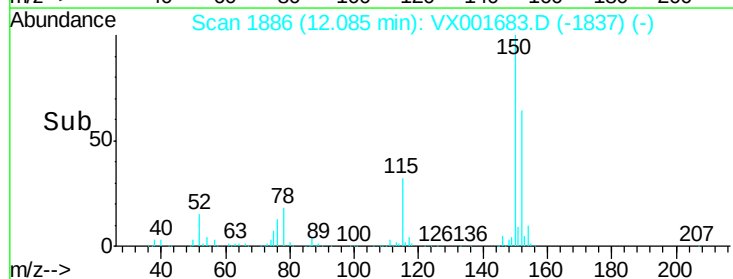
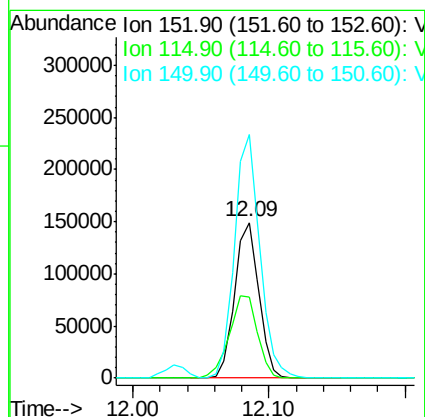
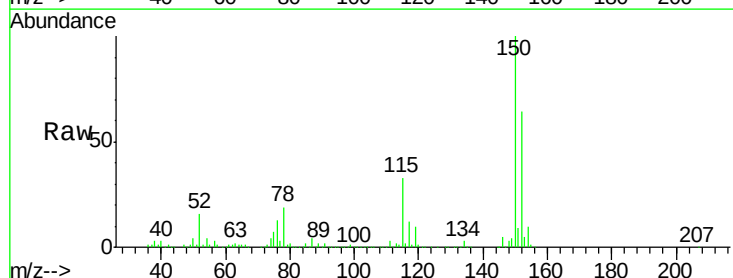
Manual Integrations  
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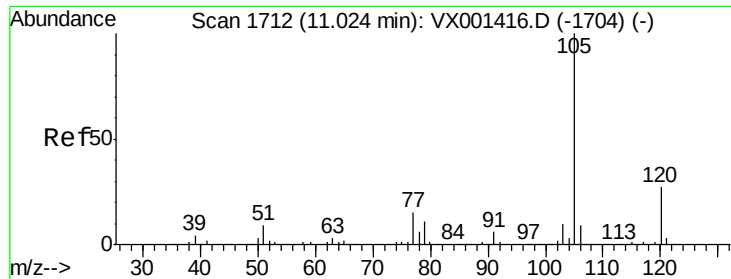
apatel  
5/15/2018 6:32:00 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.1  | 37.7  | 113.1 |
| 150     | 164.3 | 0.0   | 349.4 |





#73

Isopropylbenzene

Concen: 21.15 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0512WBSD02

Tot Ion: 105 Resp: 269645

Ion Ratio Lower Upper

105 100

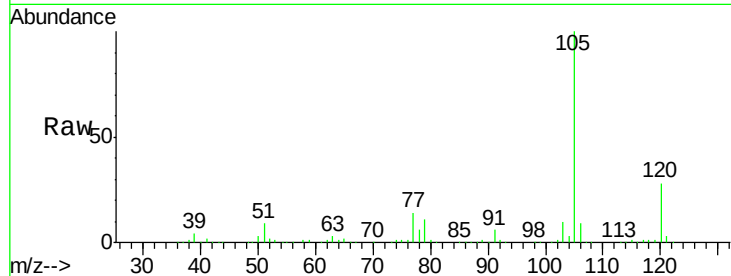
120 27.4 13.6 40.8

Manual Integrations

APPROVED

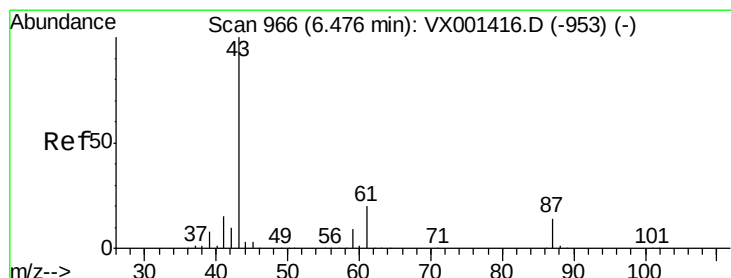
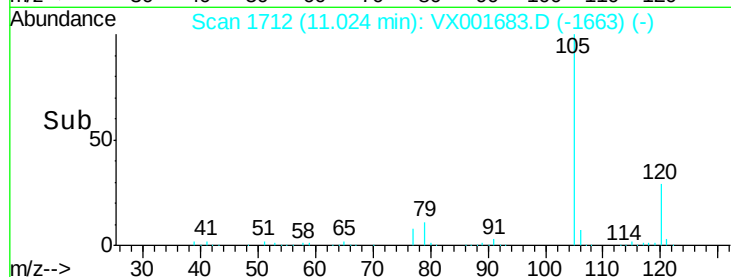
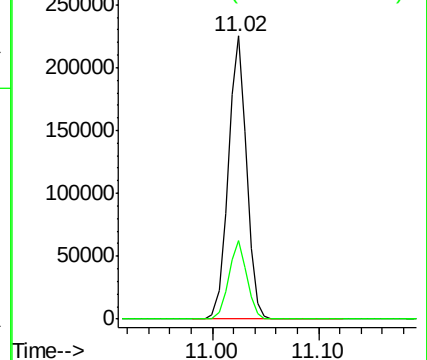
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.81 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Tgt Ion: 43 Resp: 126325

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

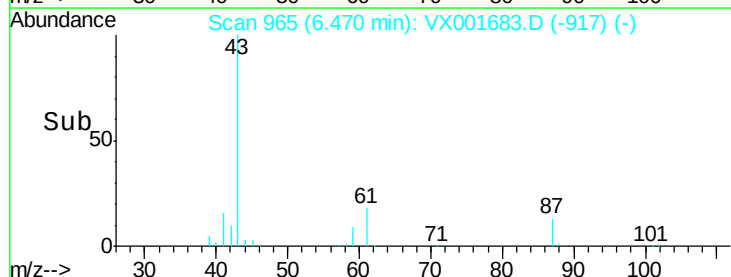
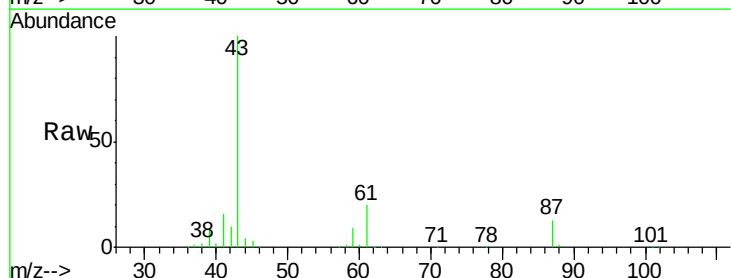
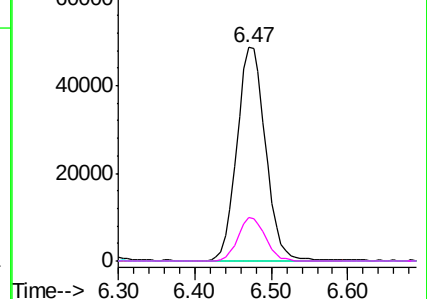
61 19.6 15.4 23.0

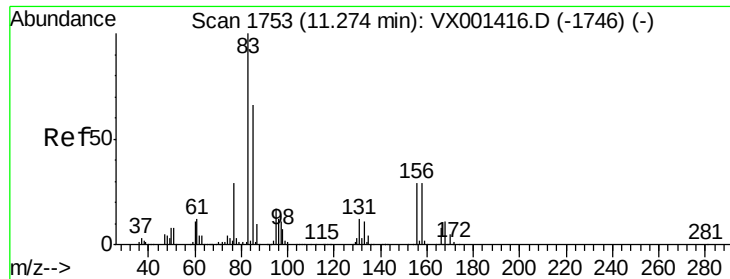
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.10 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

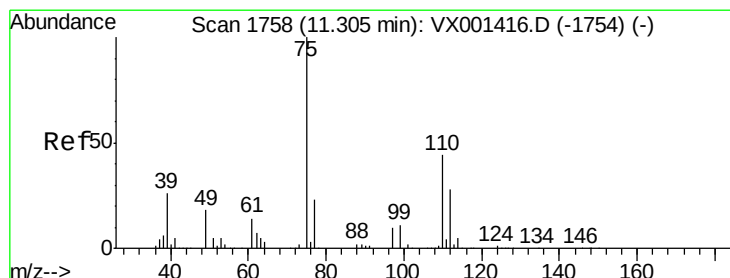
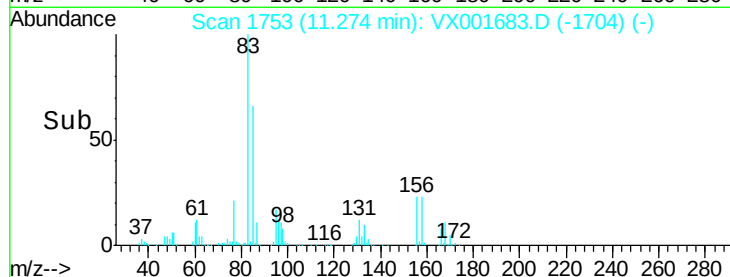
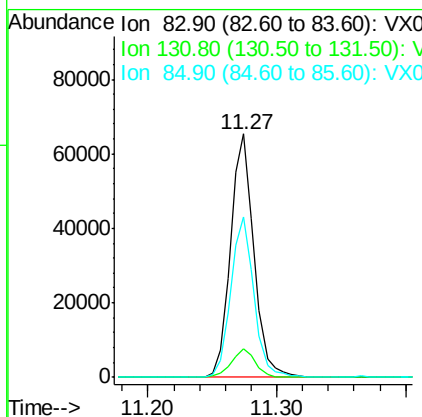
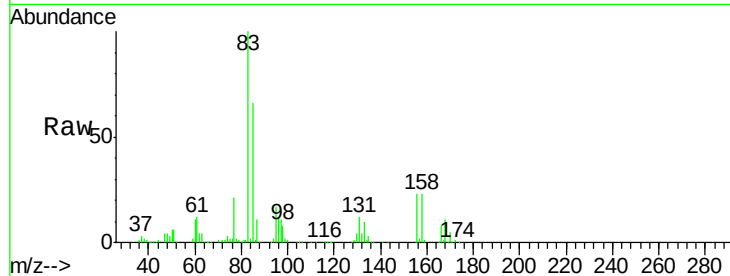
ClientSampleId :

VX0512WBSD02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 83227 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.6  | 5.8   | 17.4  |
| 85        | 65.4  | 32.7  | 98.1  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 22.11 ug/l m

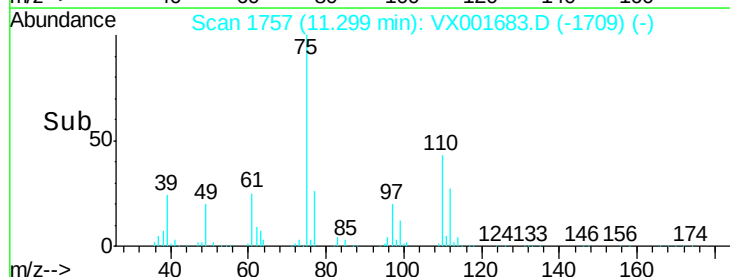
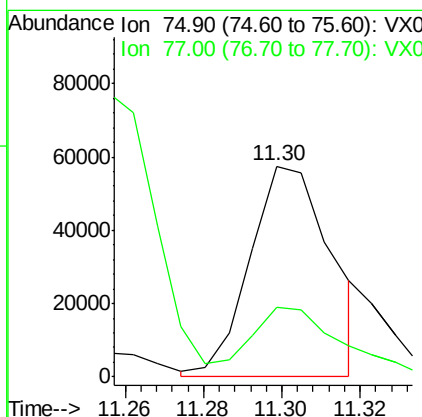
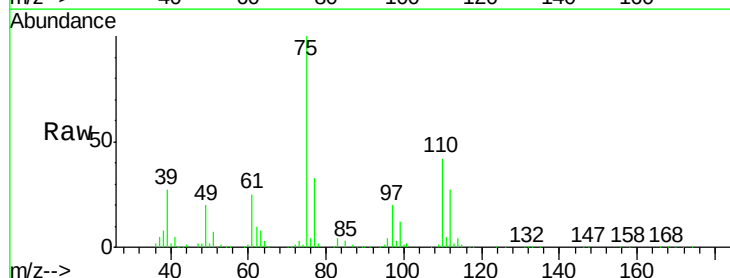
RT: 11.30 min Scan# 1757

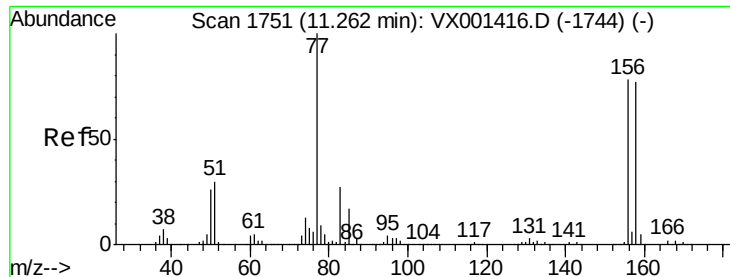
Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 82613 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 37.6  | 19.6  | 58.7  |





#77

Bromobenzene

Concen: 20.87 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0512WBSD02

Tot Ion:156 Resp: 77359

Ion Ratio Lower Upper

156 100

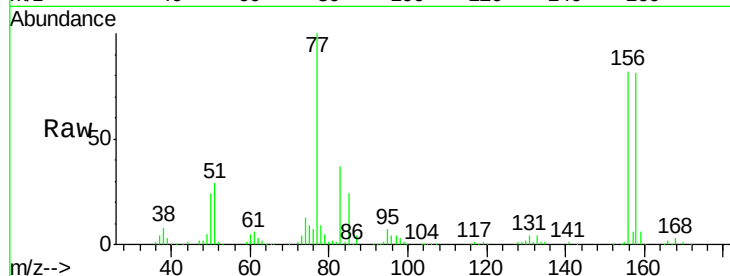
77 129.4 66.0 198.2

158 98.1 49.4 148.2

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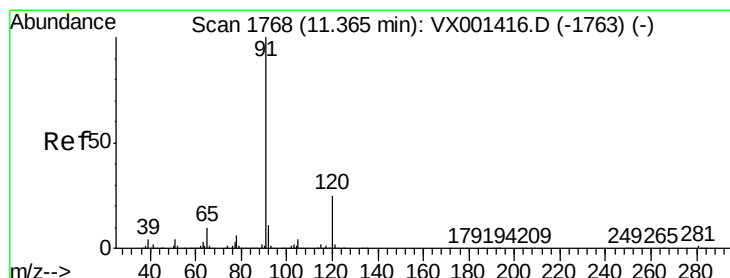
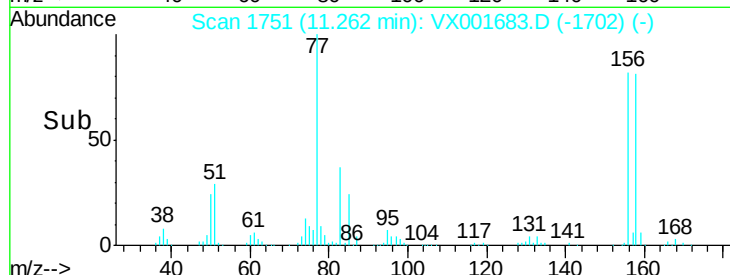
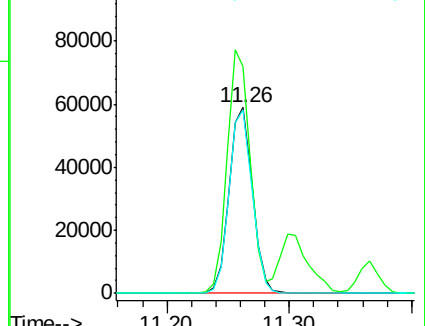
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.24 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001683.D

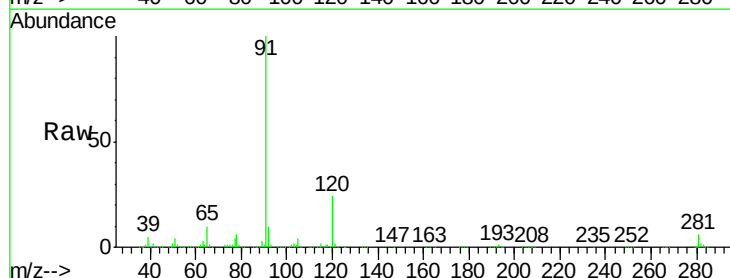
Acq: 12 May 2018 22:55

Tgt Ion: 91 Resp: 294888

Ion Ratio Lower Upper

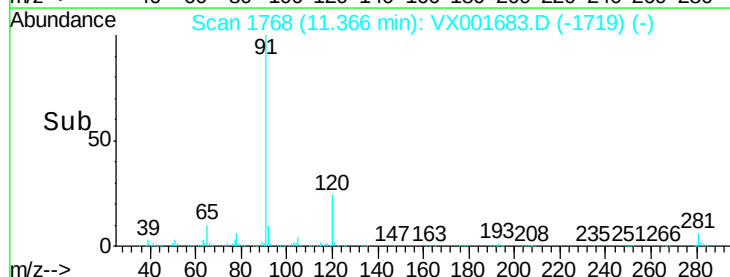
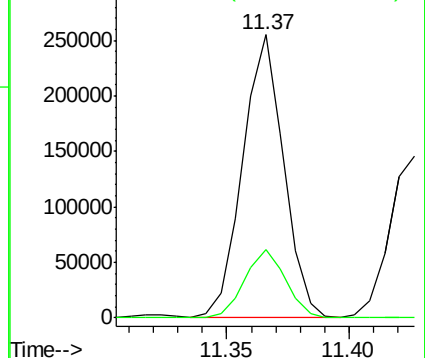
91 100

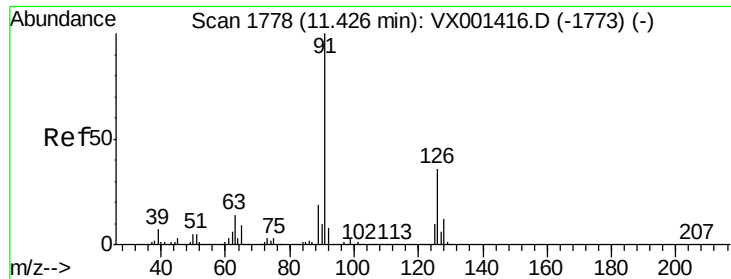
120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.14 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0512WBSD02

Tot Ion: 91 Resp: 180645

Ion Ratio Lower Upper

91 100

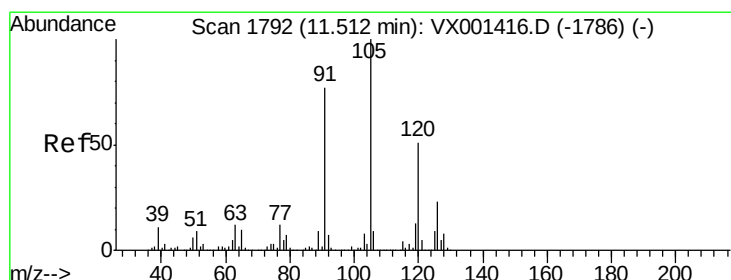
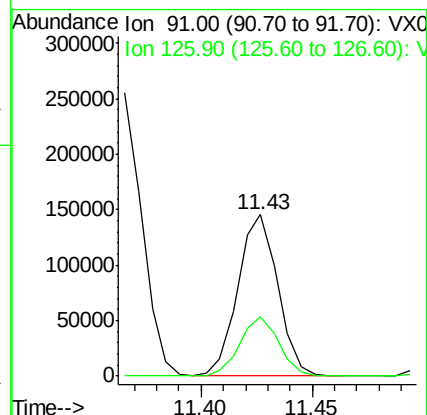
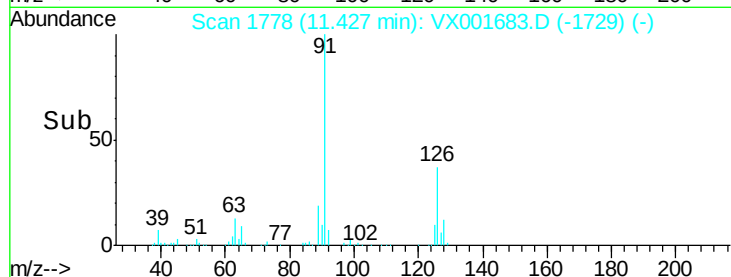
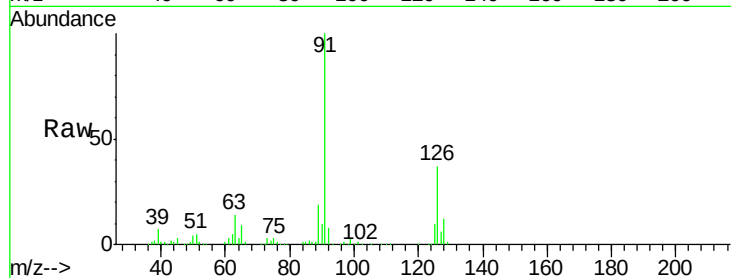
126 36.4 18.1 54.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.96 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001683.D

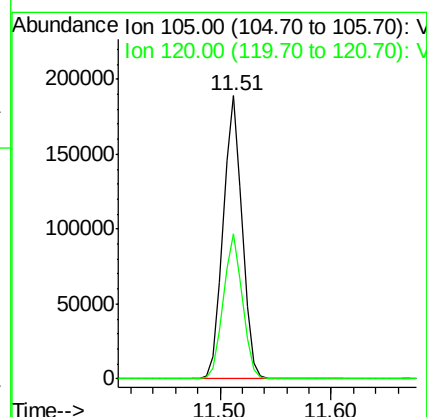
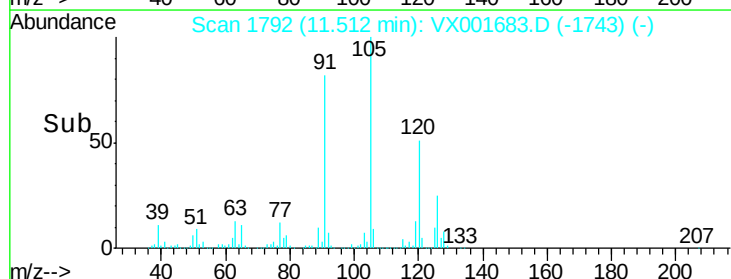
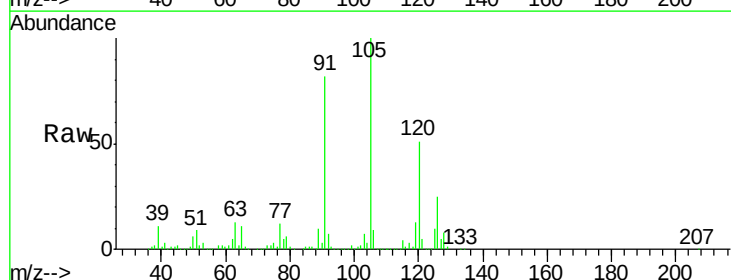
Acq: 12 May 2018 22:55

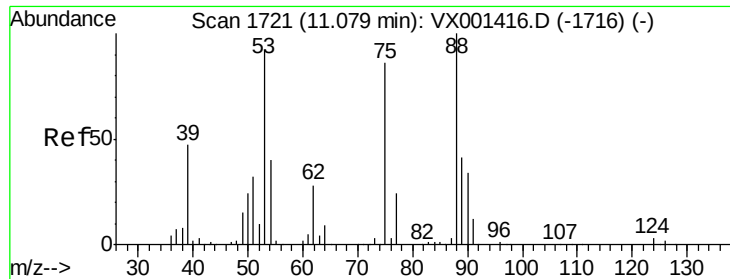
Tgt Ion: 105 Resp: 222470

Ion Ratio Lower Upper

105 100

120 51.5 25.7 77.1





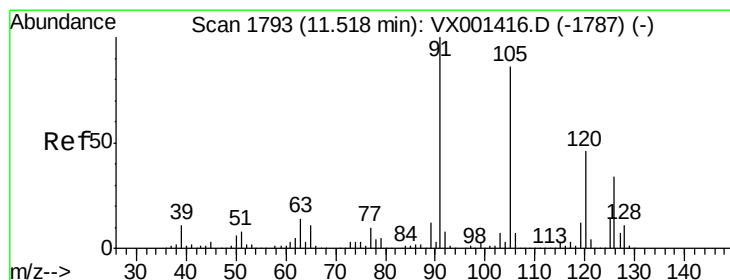
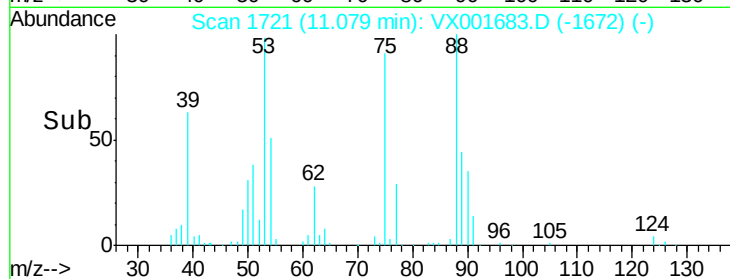
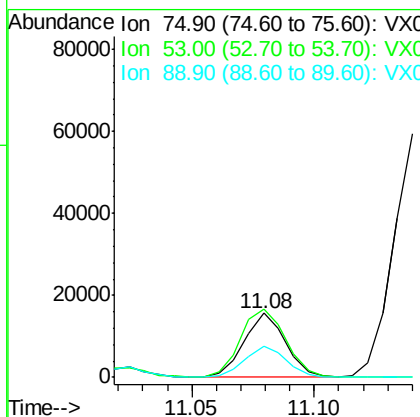
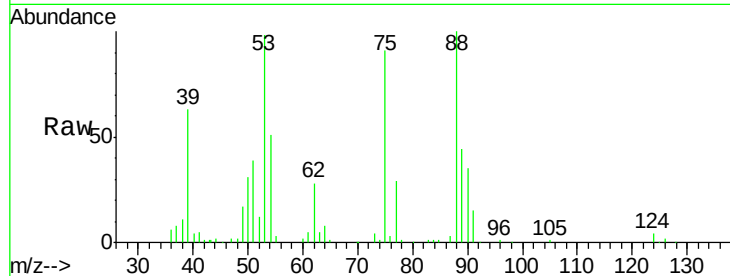
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.63 ug/l  
RT: 11.08 min Scan# 1721  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 116.3 | 84.5  | 126.7 |
| 89      | 49.0  | 39.5  | 59.3  |

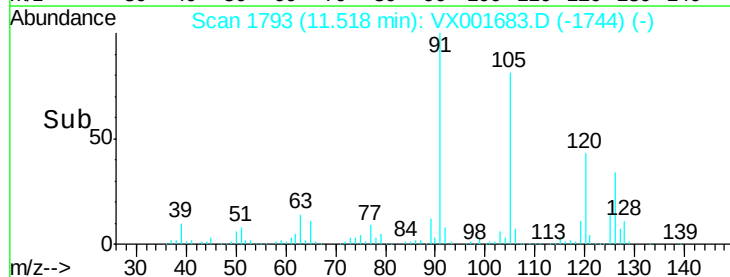
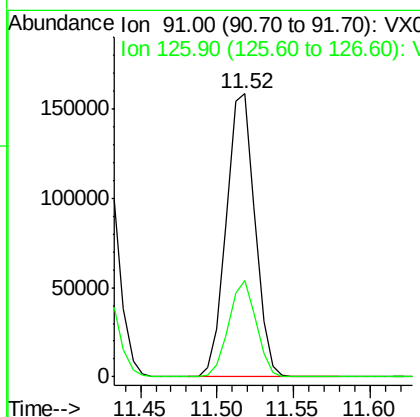
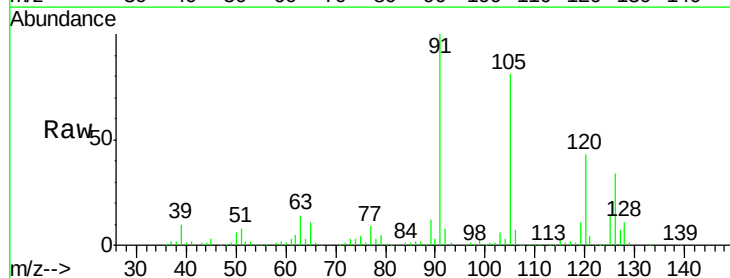
Manual Integrations  
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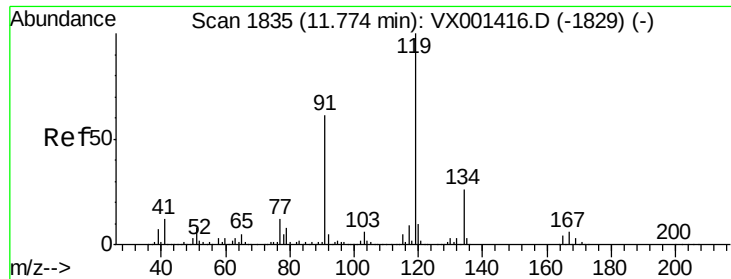
apatel  
5/15/2018 6:32:00 PM



#82  
4-Chlorotoluene  
Concen: 20.88 ug/l  
RT: 11.52 min Scan# 1793  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.7  | 16.2  | 48.5  |





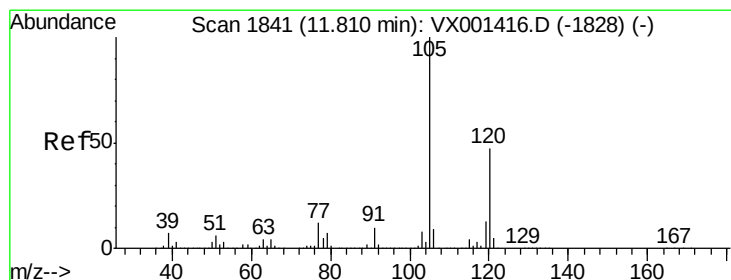
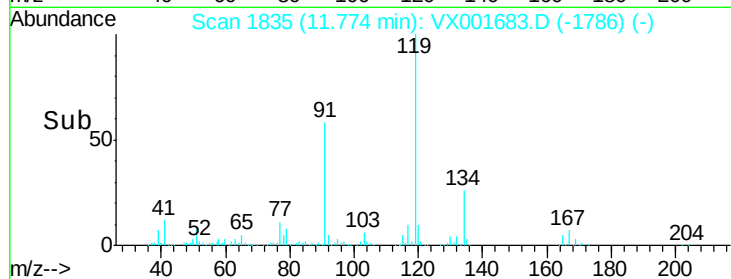
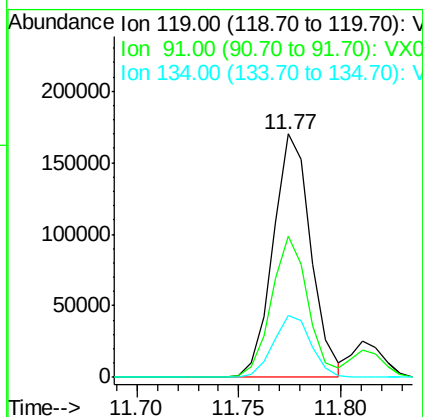
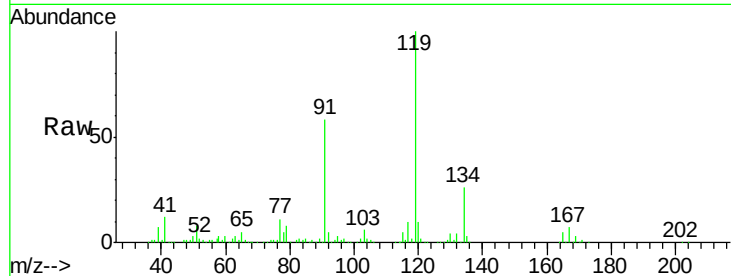
#83  
 tert-Butylbenzene  
 Concen: 20.80 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 219689 |       |       |
| 91      | 55.9  |        | 27.8  | 83.3  |
| 134     | 25.6  |        | 12.4  | 37.0  |

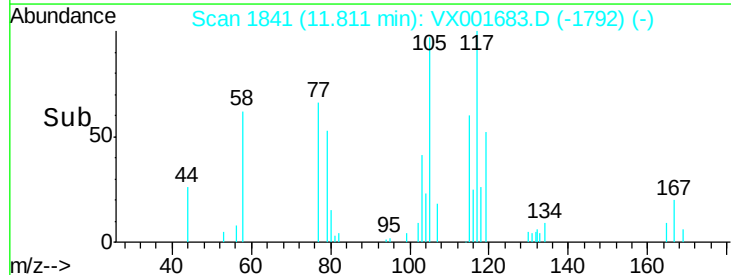
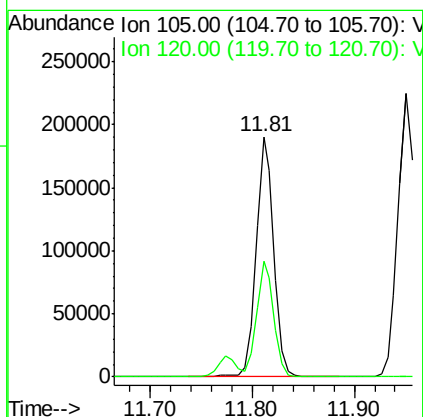
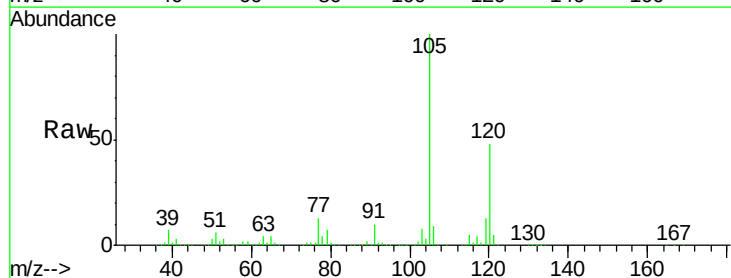
Manual Integrations  
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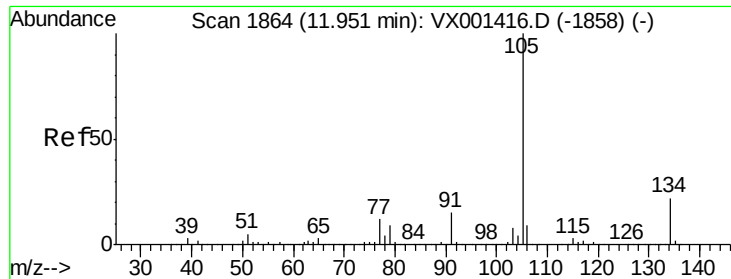
apatel  
 5/15/2018 6:32:00 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.17 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 230960 |       |       |
| 120     | 46.5  |        | 23.4  | 70.2  |





#85

sec-Butylbenzene

Concen: 20.90 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0512WBSD02

Tot Ion:105 Resp: 265037

Ion Ratio Lower Upper

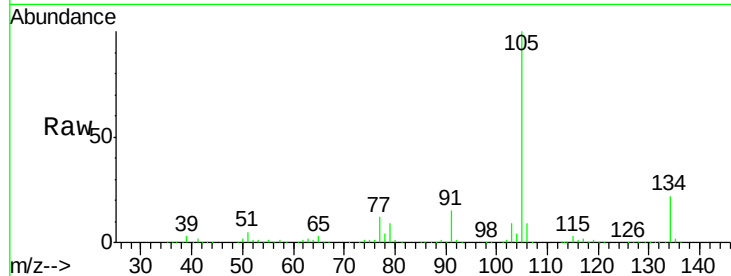
105 100

134 22.1 10.9 32.9

Manual Integrations  
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apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

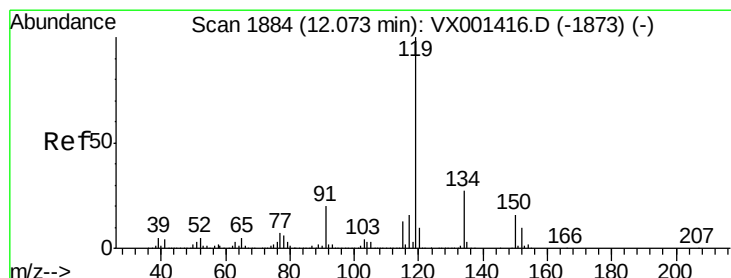
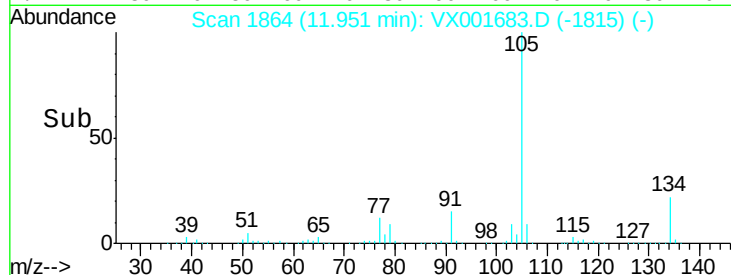
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 21.06 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

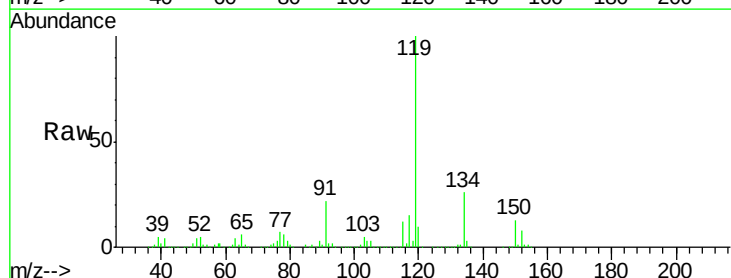
Tgt Ion:119 Resp: 244981

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 21.7 10.8 32.3



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

250000

200000

150000

100000

50000

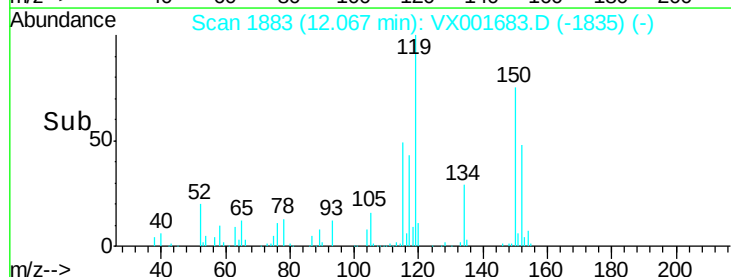
0

12.00

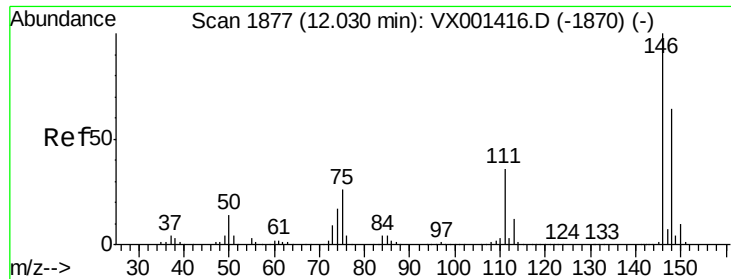
12.10

12.20

Time-->







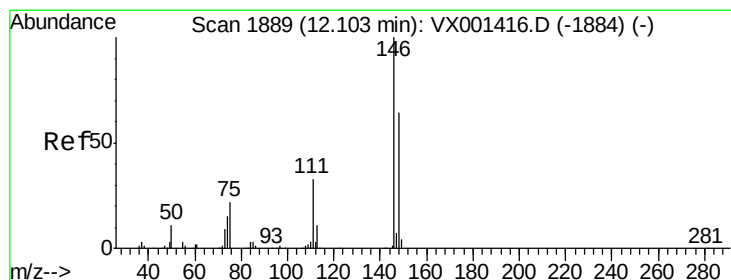
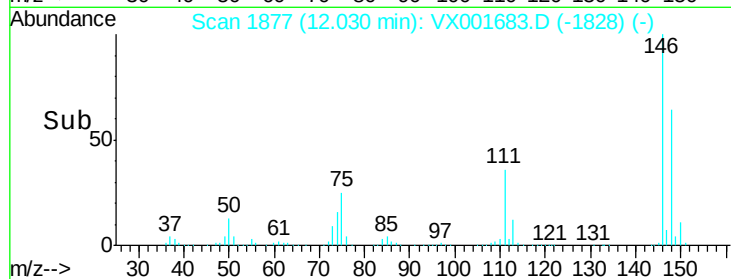
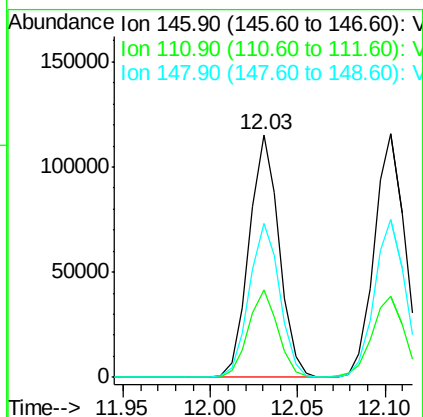
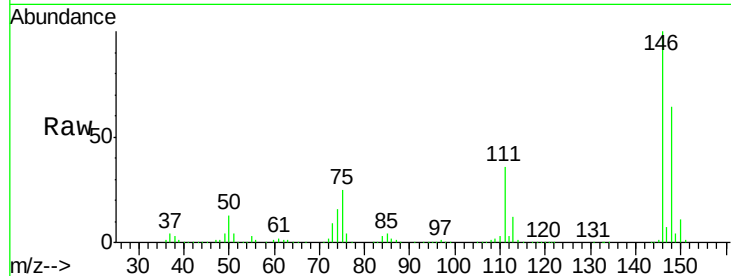
#87  
 1,3-Dichlorobenzene  
 Concen: 20.74 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.6  | 18.1  | 54.1  |
| 148     | 64.2  | 32.1  | 96.5  |

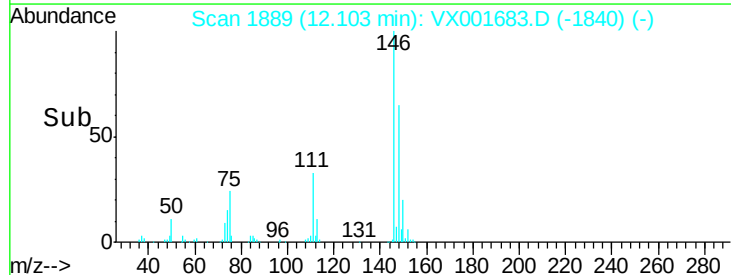
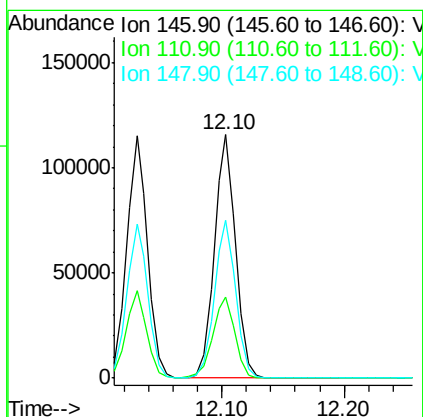
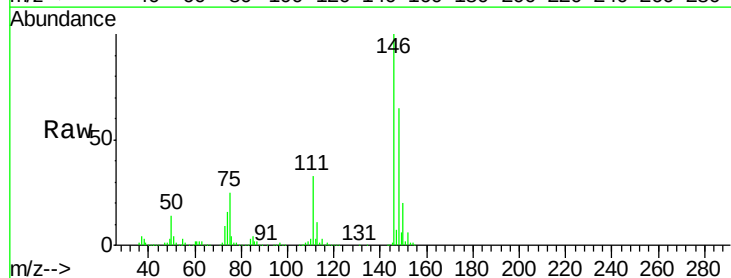
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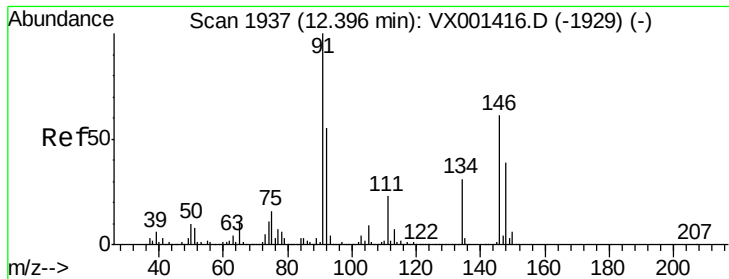
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.74 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.3  | 17.4  | 52.3  |
| 148     | 65.1  | 32.2  | 96.6  |





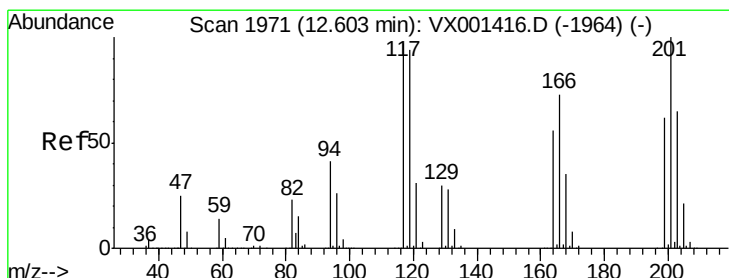
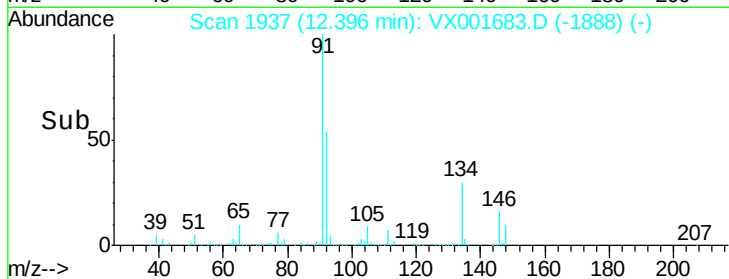
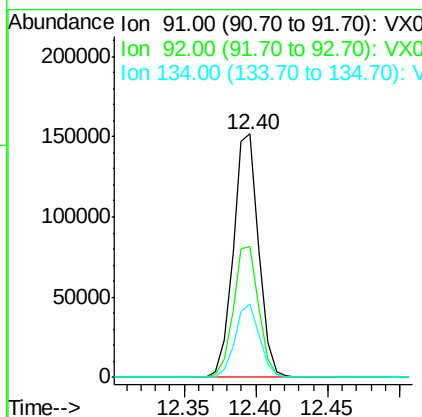
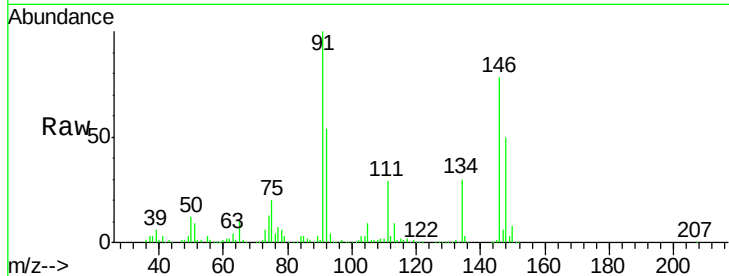
#89  
n-Butylbenzene  
Concen: 19.40 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 186957 |       |       |
| 92      | 53.8  |        | 27.2  | 81.5  |
| 134     | 29.1  |        | 14.6  | 44.0  |

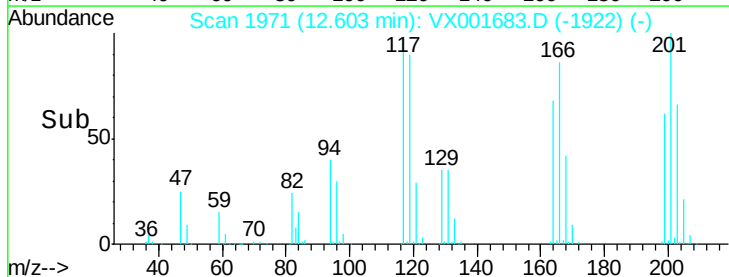
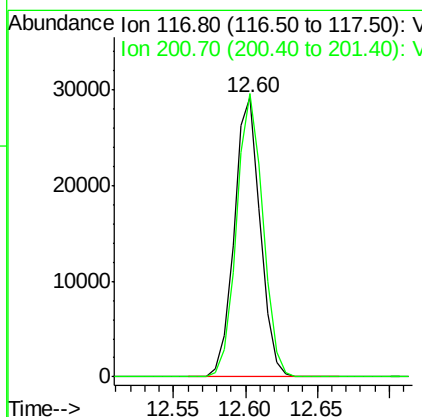
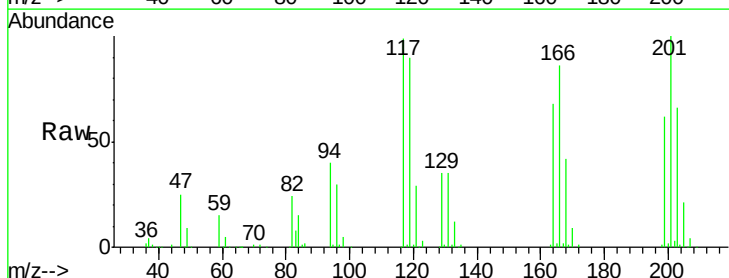
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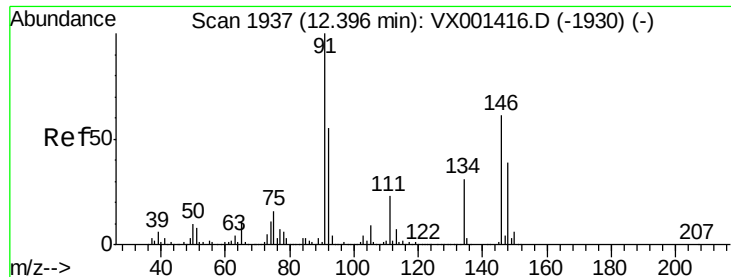
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#90  
Hexachloroethane  
Concen: 21.02 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 36809 |       |       |
| 201     | 102.1 |       | 51.5  | 154.5 |





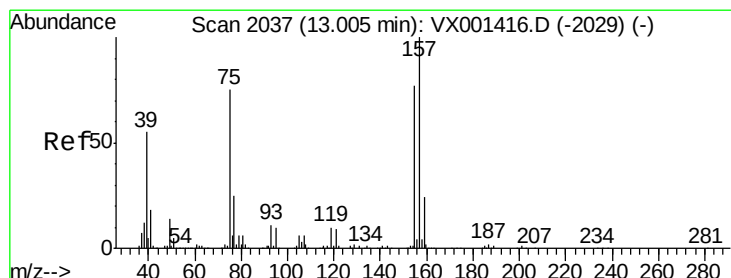
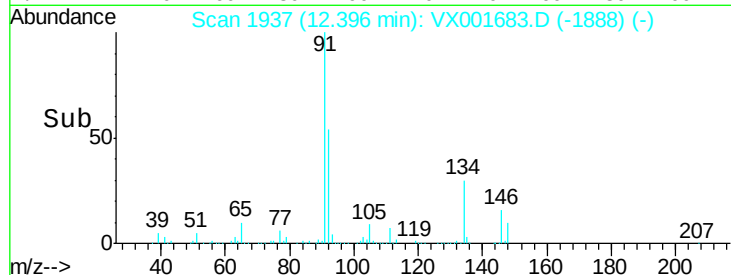
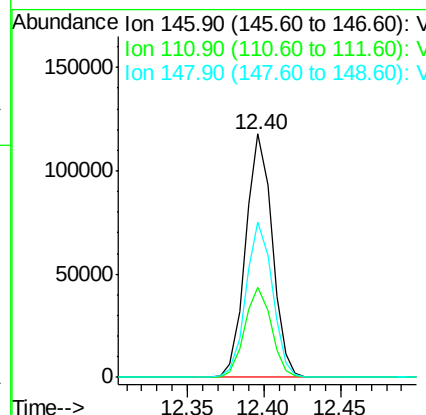
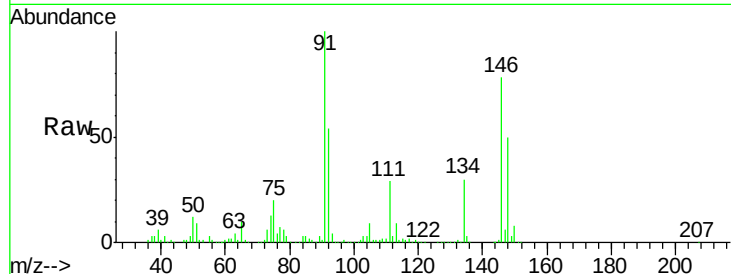
#91  
 1,2-Dichlorobenzene  
 Concen: 21.00 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0512WBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 141556 |       |       |
| 111     | 37.1  | 18.6   | 55.8  |       |
| 148     | 64.2  | 32.1   | 96.5  |       |

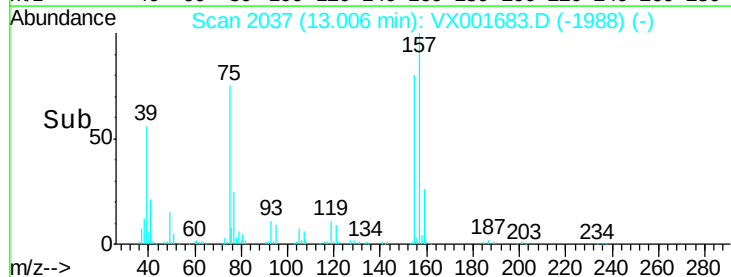
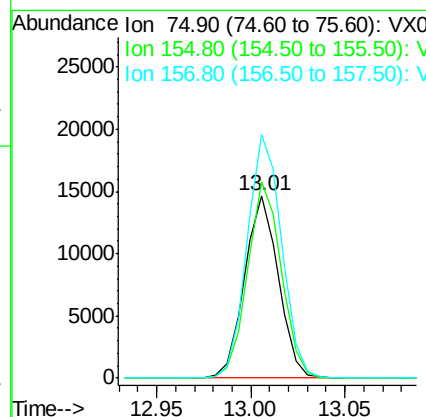
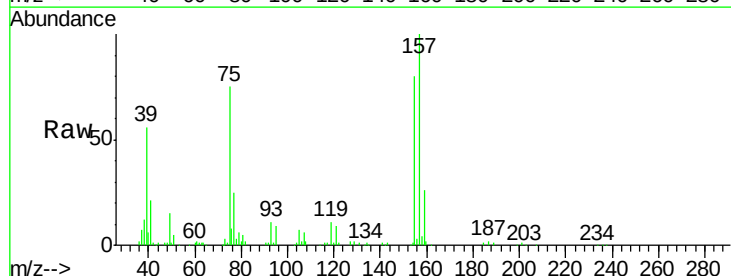
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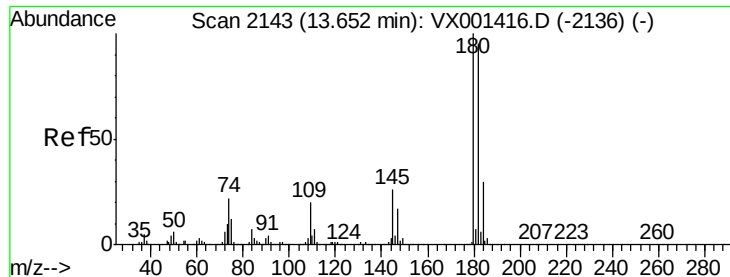
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.97 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX001683.D  
 Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 18181 |       |       |
| 155     | 107.5 | 53.4  | 160.2 |       |
| 157     | 136.3 | 68.3  | 204.8 |       |





#93

1,2,4-Trichlorobenzene

Concen: 20.17 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA\_X

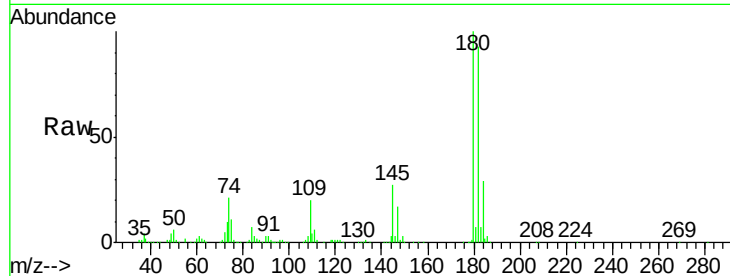
ClientSampled :

VX0512WBSD02

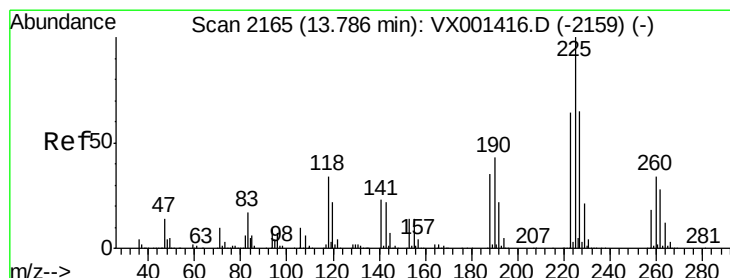
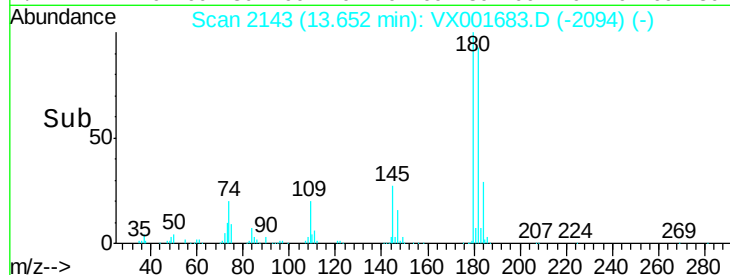
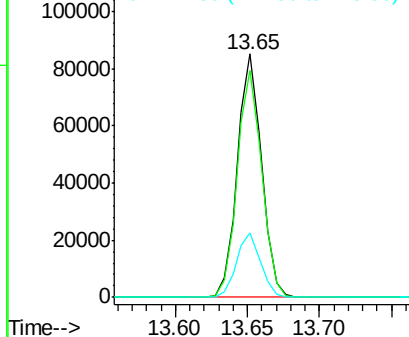
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 99526 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.7  | 47.8  | 143.4 |
| 145       | 26.7  | 13.3  | 39.9  |

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Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.75 ug/l

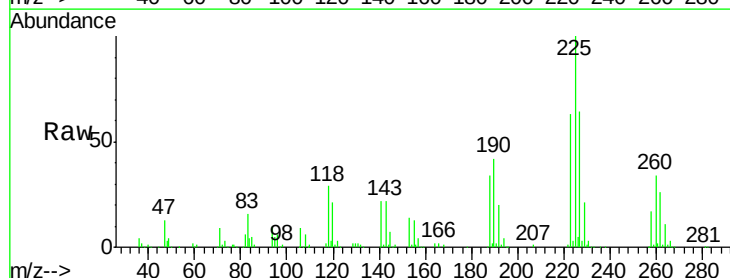
RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

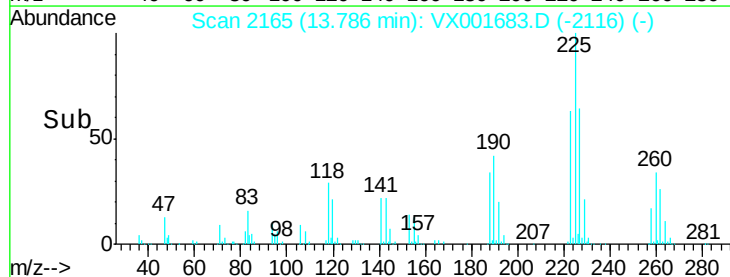
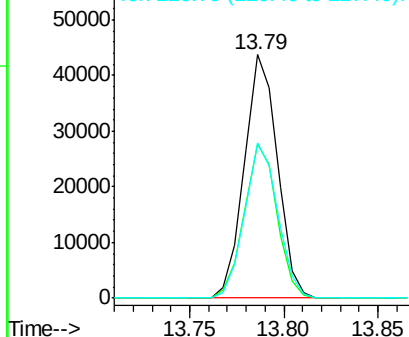
Lab File: VX001683.D

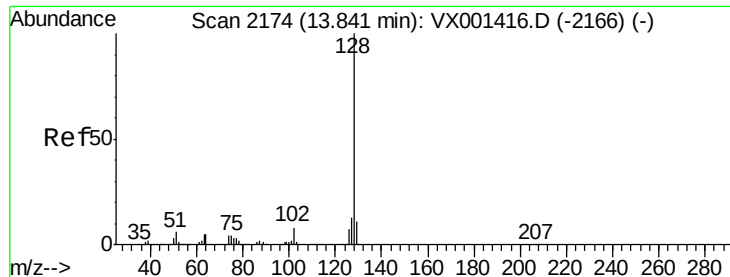
Acq: 12 May 2018 22:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 53321 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.8  | 31.3  | 93.9  |
| 227       | 63.6  | 32.4  | 97.2  |



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





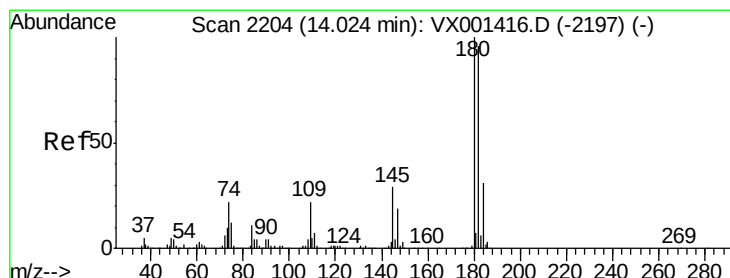
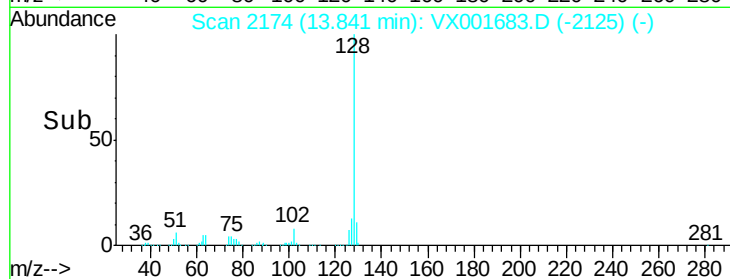
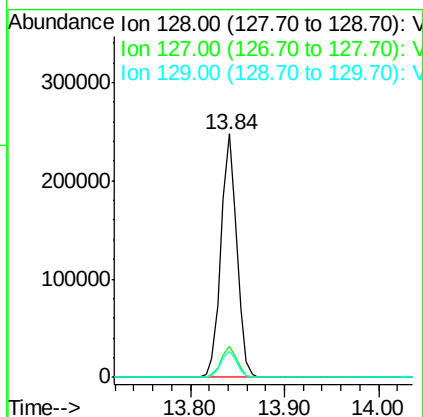
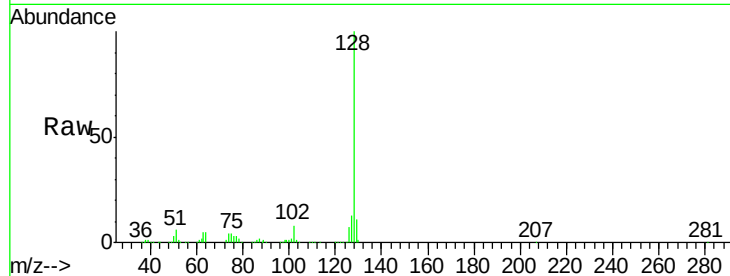
#95  
Naphthalene  
Concen: 21.15 ug/l  
RT: 13.84 min Scan# 2174  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0512WBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 288611 |       |       |
| 127     | 12.9  |        | 10.4  | 15.6  |
| 129     | 10.8  |        | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.82 ug/l  
RT: 14.02 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: VX001683.D  
Acq: 12 May 2018 22:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 105399 |       |       |
| 182     | 96.6  |        | 48.0  | 144.2 |
| 145     | 28.5  |        | 14.1  | 42.4  |

