

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\  
 Data File : VX005679.D  
 Acq On : 30 Oct 2018 00:30  
 Operator : JC/MD  
 Sample : VX1029WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBSD02

Quant Time: Oct 30 04:49:55 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 25 02:52:45 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 248346   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 360664   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 322275   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 213002   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 138897   | 45.82 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.64% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 116887   | 47.86 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.72% |      |
| 50) Toluene-d8            | 8.71   | 98  | 413665   | 47.14 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.28% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 153062   | 46.19 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.38% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 60230  | 24.571  | ug/l   | 90     |
| 3) Chloromethane              | 1.33 | 50  | 62265  | 19.946  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.41 | 62  | 64693  | 21.076  | ug/l   | 91     |
| 5) Bromomethane               | 1.64 | 94  | 34003  | 17.803  | ug/l   | 96     |
| 6) Chloroethane               | 1.72 | 64  | 38056  | 19.407  | ug/l   | 94     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 80632  | 18.905  | ug/l   | 96     |
| 8) Diethyl Ether              | 2.19 | 74  | 33750  | 19.828  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 45889  | 18.752  | ug/l   | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 46485  | 19.922  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 3.06 | 59  | 83721  | 102.627 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 44122  | 18.927  | ug/l   | 95     |
| 13) Acrolein                  | 2.29 | 56  | 36908  | 88.692  | ug/l   | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 94976  | 18.255  | ug/l   | 96     |
| 15) Acrylonitrile             | 3.15 | 53  | 174273 | 95.268  | ug/l   | 99     |
| 16) Acetone                   | 2.45 | 43  | 156742 | 97.847  | ug/l   | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 130340 | 18.341  | ug/l   | 98     |
| 18) Methyl Acetate            | 2.78 | 43  | 82758  | 20.037  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 162439 | 19.534  | ug/l   | 99     |
| 20) Methylene Chloride        | 2.86 | 84  | 50386  | 18.780  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 47406  | 18.625  | ug/l   | 99     |
| 22) Diisopropyl ether         | 3.87 | 45  | 177355 | 19.520  | ug/l   | 98     |
| 23) Vinyl Acetate             | 3.82 | 43  | 750426 | 93.782  | ug/l # | 94     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 94106  | 19.051  | ug/l   | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 241383 | 98.953  | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 58283  | 15.283  | ug/l   | 95     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 53710  | 19.573  | ug/l   | 99     |
| 28) Bromochloromethane        | 5.01 | 49  | 46873  | 19.619  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 154102 | 97.072  | ug/l   | 99     |
| 30) Chloroform                | 5.21 | 83  | 86875  | 18.802  | ug/l   | 92     |
| 31) Cyclohexane               | 5.58 | 56  | 79584  | 19.472  | ug/l   | 85     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 73788  | 18.093  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 66494  | 18.998  | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.85 | 43  | 87944  | 19.690  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 65154  | 17.674  | ug/l   | 98     |

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 Sample : VX1029WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBSD02

Quant Time: Oct 30 04:49:55 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 25 02:52:45 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 69994    | 18.110  | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 201705   | 20.103  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 49196    | 19.774  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 75454    | 19.796  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.47  | 43   | 130949   | 19.565  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 51218    | 18.738  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 49053    | 18.185  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 31952    | 18.340  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 62682    | 18.537  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 62999    | 19.322  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 28699    | 402.769 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 429230   | 95.425  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 115495   | 18.940  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 65322    | 17.874  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 71944    | 18.285  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 48441    | 18.842  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 73020    | 19.042  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 80333    | 18.467  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 204247   | 95.367  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 334181   | 94.228  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 49998    | 18.640  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 50709    | 19.066  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 52726    | 19.708  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 130349   | 18.994  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 47216    | 18.869  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 219687   | 19.457  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 168737   | 38.519  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 80698    | 19.581  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 135321   | 19.614  | ug/l   | 100      |
| 71) Bromoform                  | 10.86 | 173  | 39829    | 17.837  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 225102   | 17.288  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 104874   | 16.255  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 81762    | 17.021  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 94092    | 20.849  | ug/l   | 86       |
| 77) Bromobenzene               | 11.26 | 156  | 61694    | 17.002  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 259307   | 17.417  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 155013   | 16.792  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 188788   | 16.949  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 21472    | 15.546  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 182820   | 16.795  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 209449   | 18.865  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 221431   | 19.615  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 262229   | 19.793  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 236783   | 19.993  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 137664   | 20.175  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 137713   | 19.334  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 208654   | 19.515  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.60 | 117  | 36447    | 17.843  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 136423   | 19.761  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 20468    | 17.622  | ug/l   | 93       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102918\  
Data File : VX005679.D  
Acq On : 30 Oct 2018 00:30  
Operator : JC/MD  
Sample : VX1029WBSD02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 32 Sample Multiplier: 1

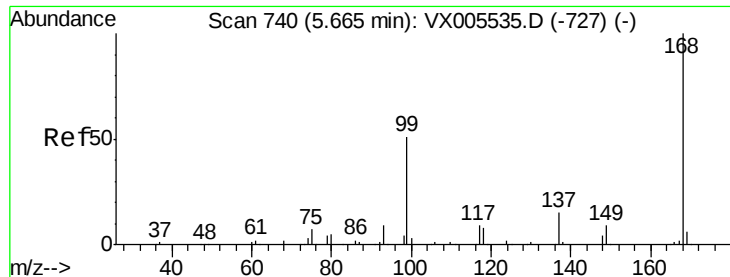
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

Quant Time: Oct 30 04:49:55 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 25 02:52:45 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 102561   | 20.494 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 50114    | 19.323 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 315908   | 21.717 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 105068   | 20.711 | ug/l  | 98       |

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

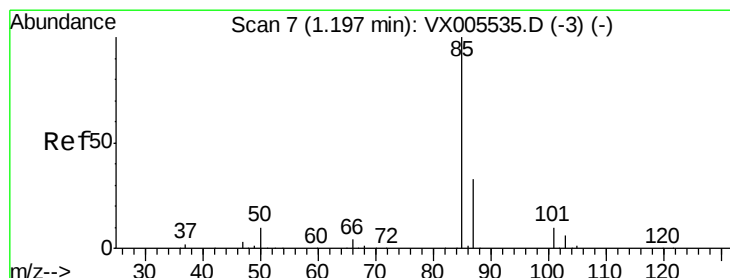
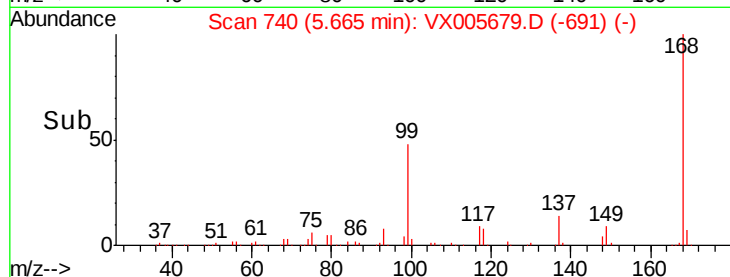
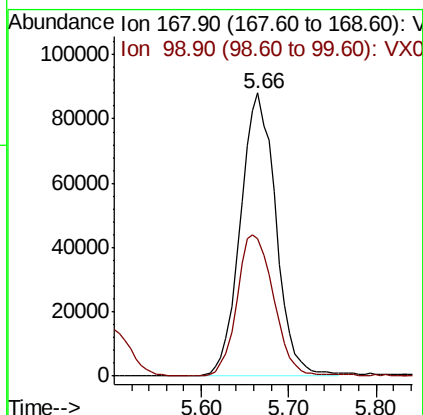
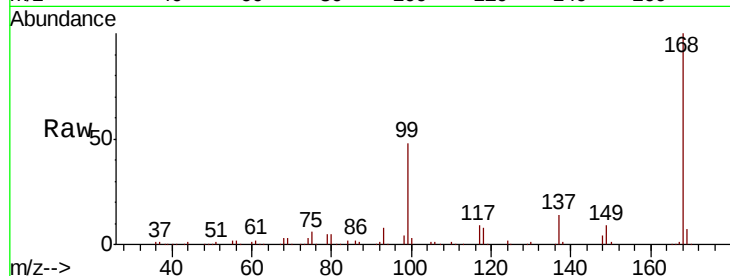




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.66 min Scan# 740  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

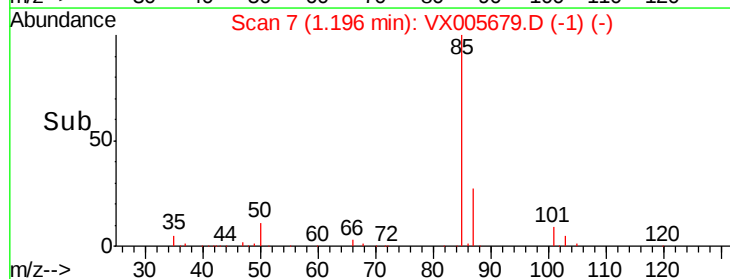
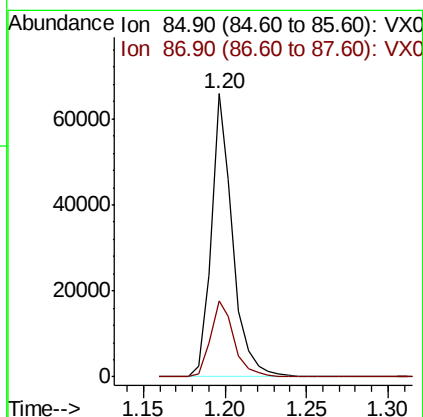
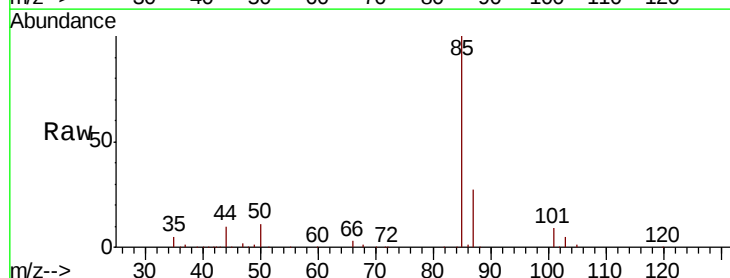
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

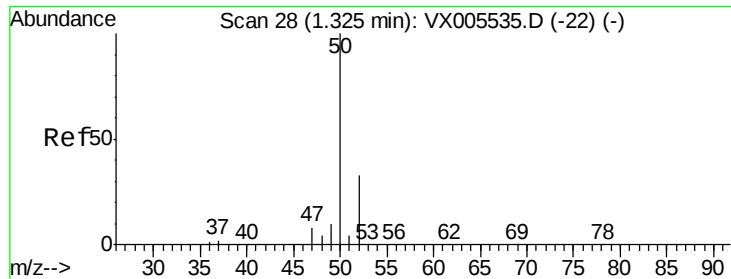
Tot Ion:168 Resp: 248346  
Ion Ratio Lower Upper  
168 100  
99 48.3 40.7 61.1



#2  
Dichlorodifluoromethane  
Concen: 24.571 ug/l  
RT: 1.20 min Scan# 7  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion: 85 Resp: 60230  
Ion Ratio Lower Upper  
85 100  
87 27.0 16.3 48.9





#3

Chloromethane

Concen: 19.946 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

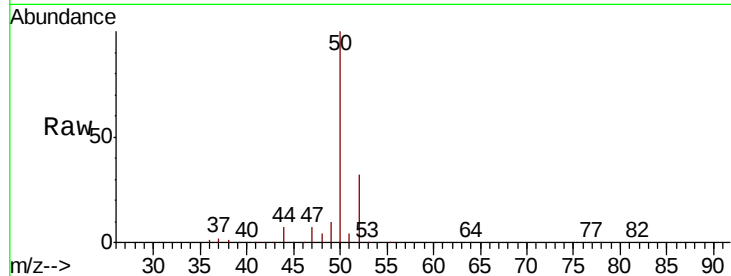
VX1029WBSD02

Tot Ion: 50 Resp: 62265

Ion Ratio Lower Upper

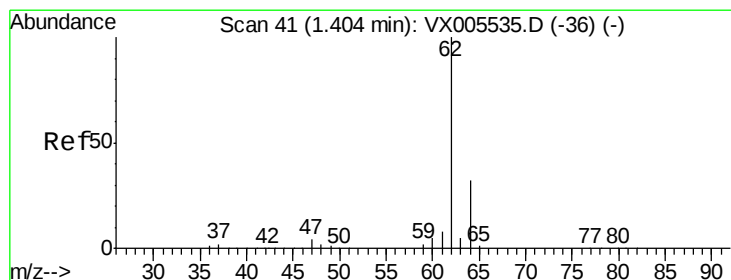
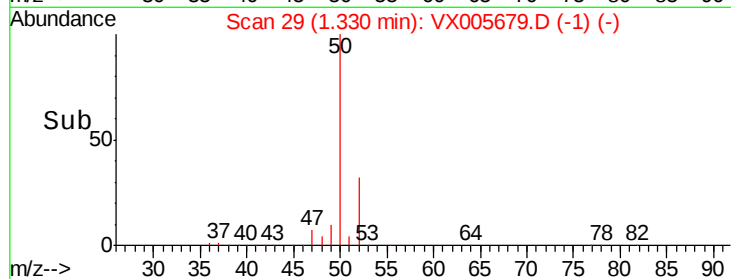
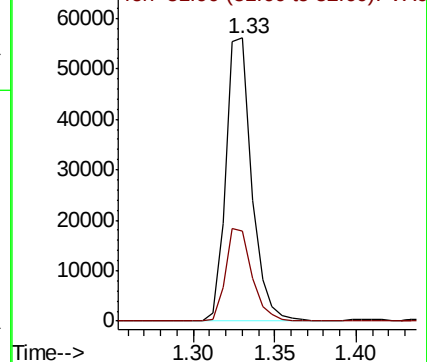
50 100

52 31.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.076 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005679.D

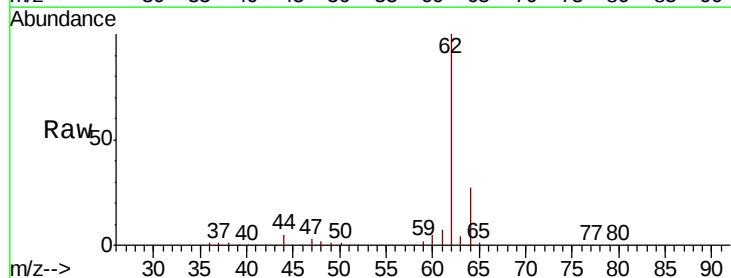
Acq: 30 Oct 2018 00:30

Tgt Ion: 62 Resp: 64693

Ion Ratio Lower Upper

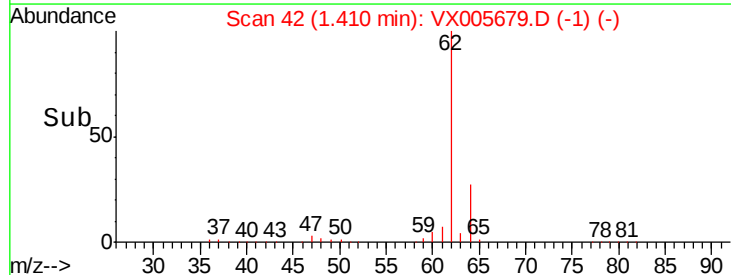
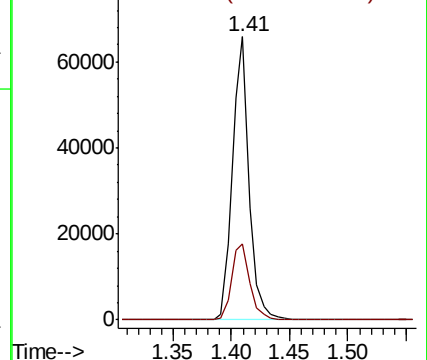
62 100

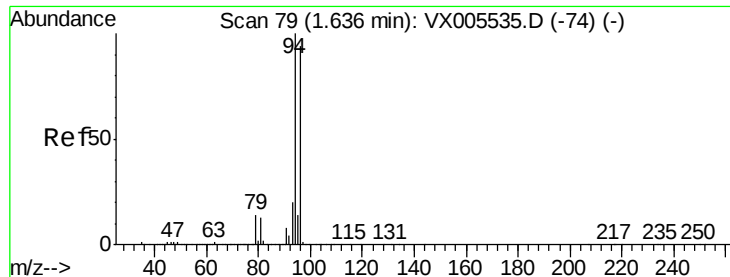
64 26.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.803 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

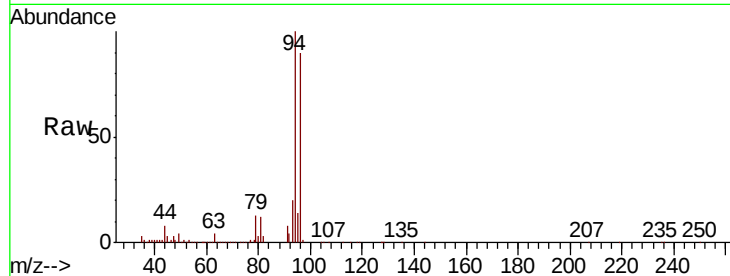
VX1029WBSD02

Tot Ion: 94 Resp: 34003

Ion Ratio Lower Upper

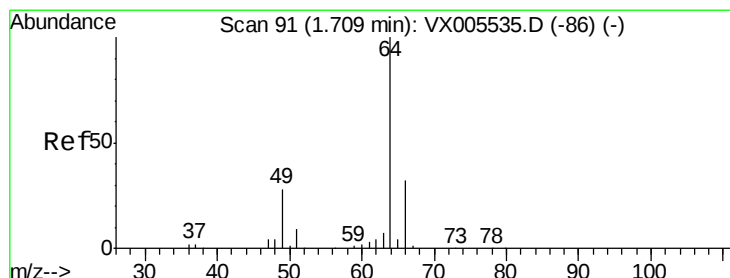
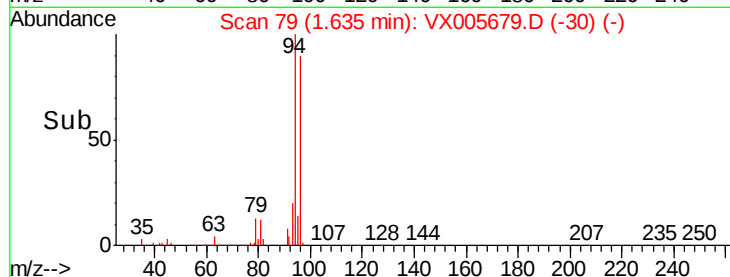
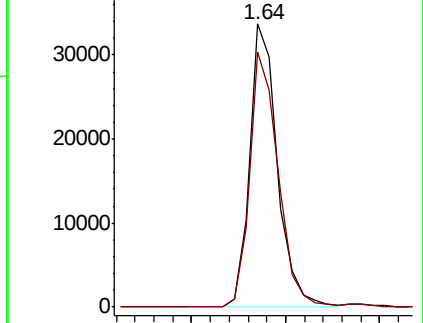
94 100

96 90.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.407 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005679.D

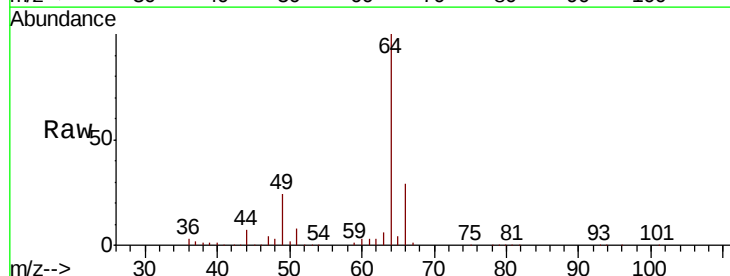
Acq: 30 Oct 2018 00:30

Tgt Ion: 64 Resp: 38056

Ion Ratio Lower Upper

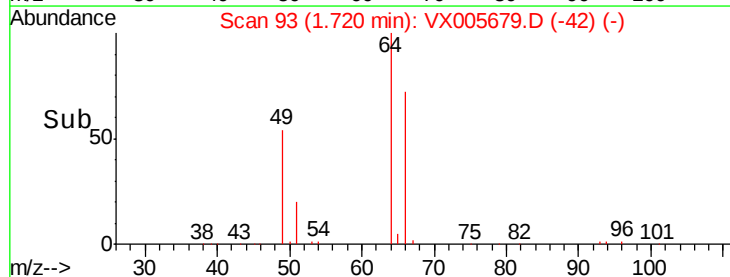
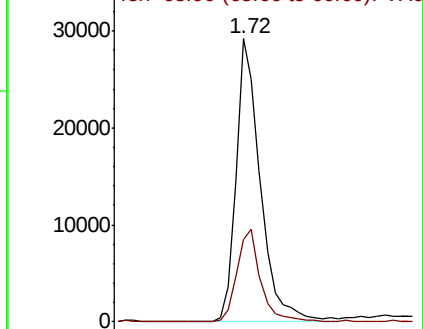
64 100

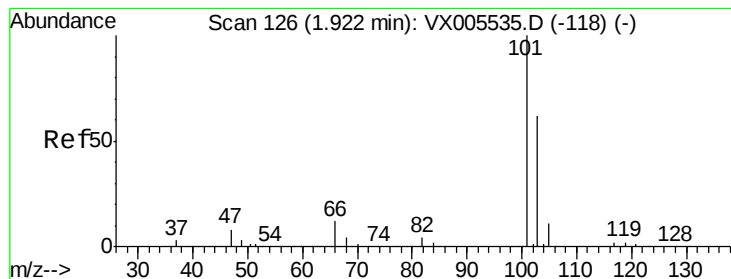
66 29.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



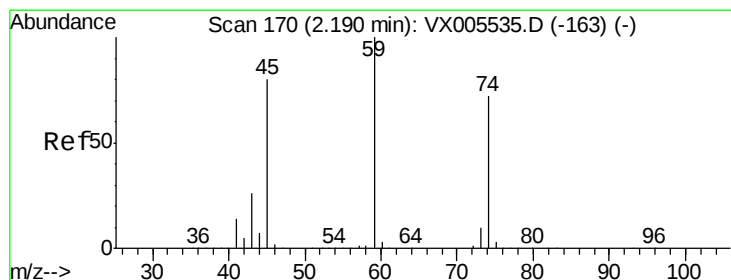
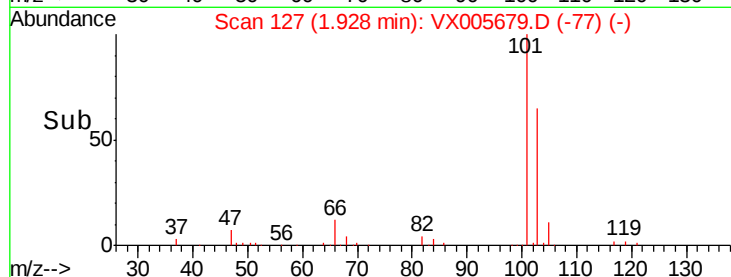
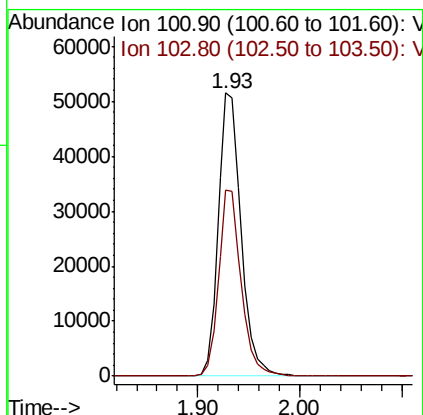
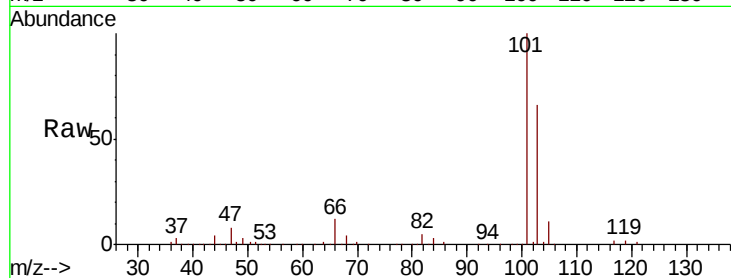


#7

Trichlorofluoromethane  
 Concen: 18.905 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.01 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBSD02

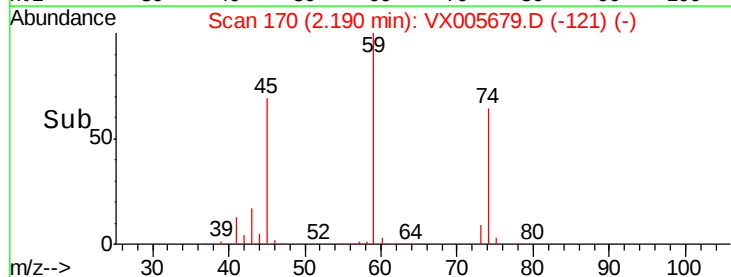
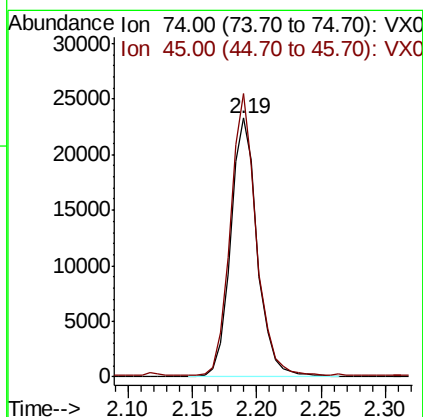
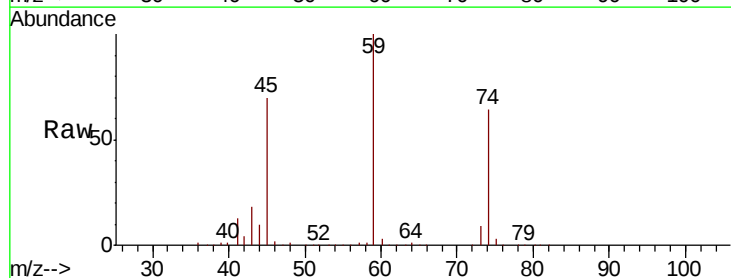
Tot Ion:101 Resp: 80632  
 Ion Ratio Lower Upper  
 101 100  
 103 65.6 50.0 75.0

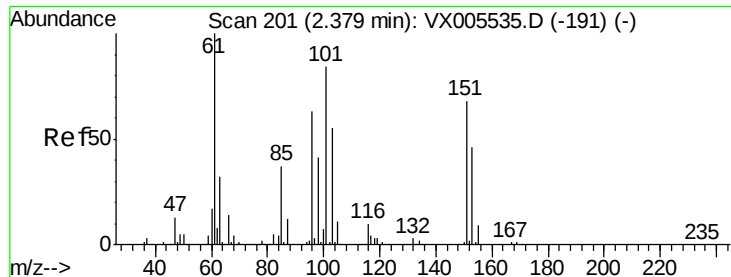


#8

Diethyl Ether  
 Concen: 19.828 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

Tgt Ion: 74 Resp: 33750  
 Ion Ratio Lower Upper  
 74 100  
 45 105.3 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.752 ug/l

RT: 2.38 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

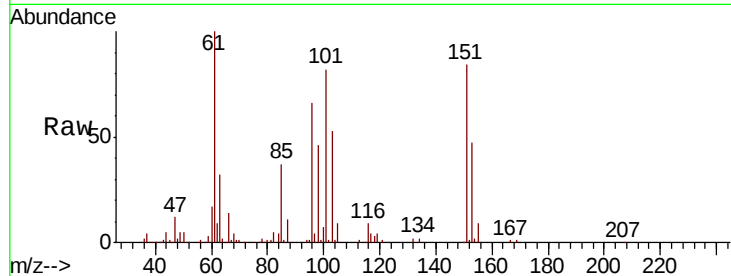
Tot Ion:101 Resp: 45889

Ion Ratio Lower Upper

101 100

85 43.2 35.0 52.4

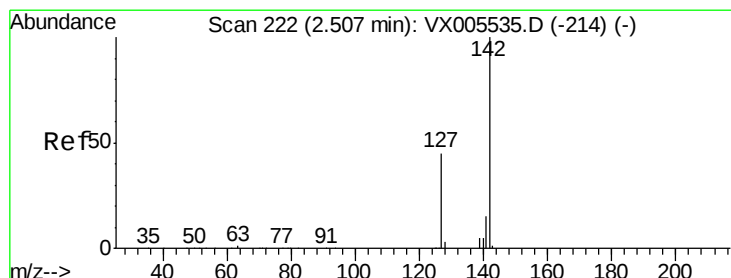
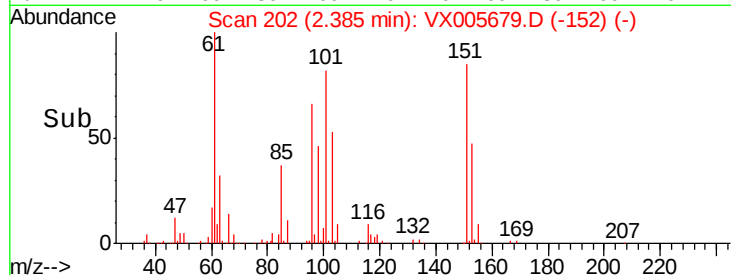
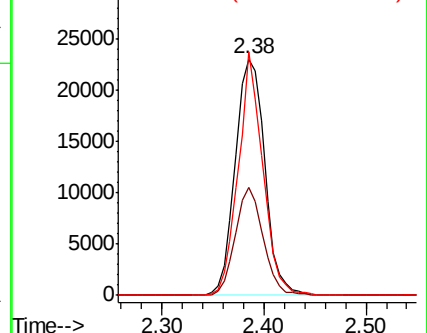
151 85.5 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.922 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

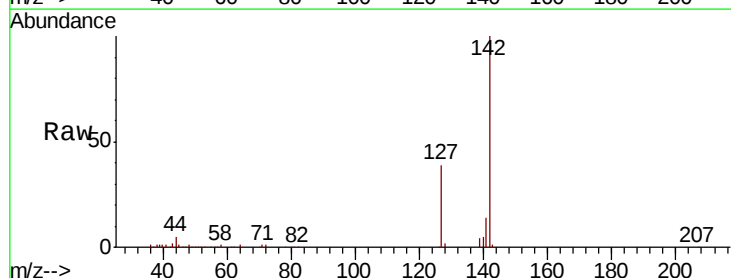
Tgt Ion:142 Resp: 46485

Ion Ratio Lower Upper

142 100

127 42.6 36.0 54.0

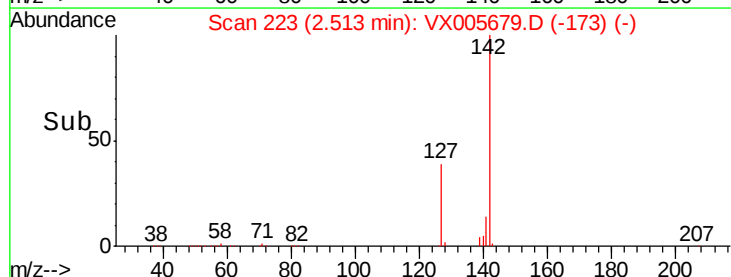
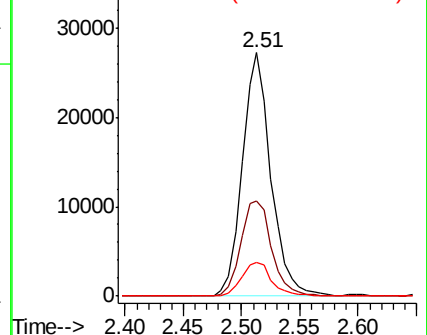
141 14.6 11.7 17.5

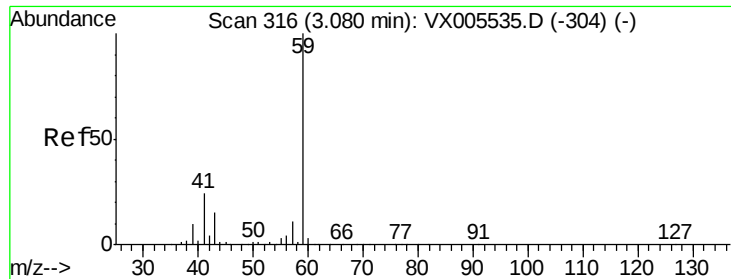


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



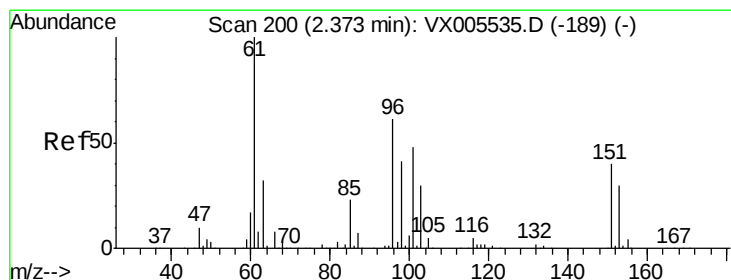
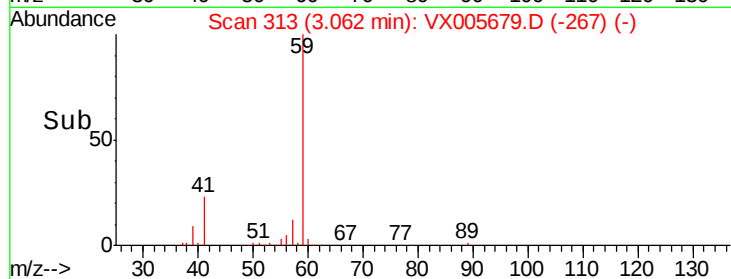
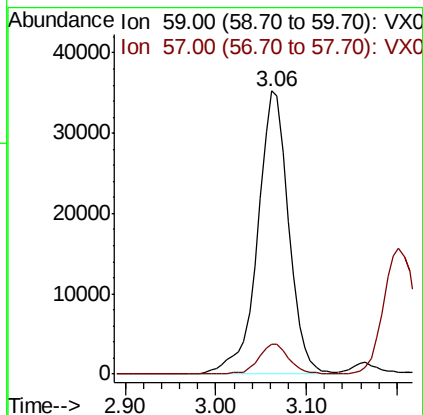
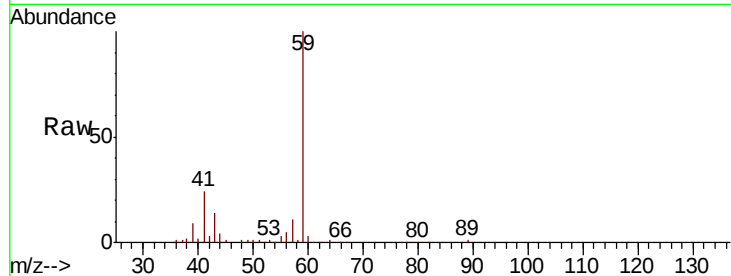


#11

Tert butyl alcohol  
 Concen: 102.627 ug/l  
 RT: 3.06 min Scan# 313  
 Delta R.T. -0.02 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBSD02

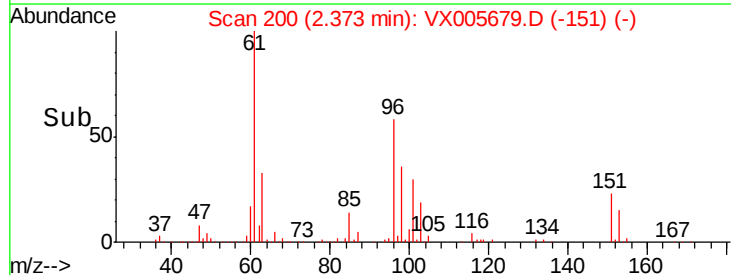
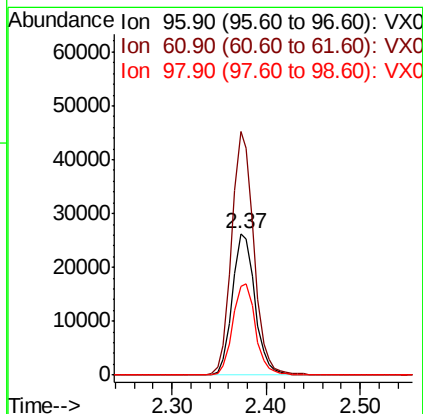
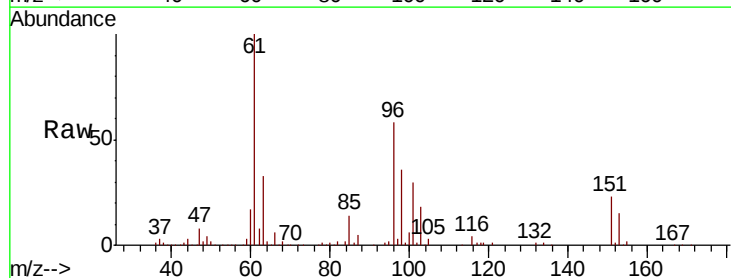
Tot Ion: 59 Resp: 83721  
 Ion Ratio Lower Upper  
 59 100  
 57 10.5 8.5 12.7

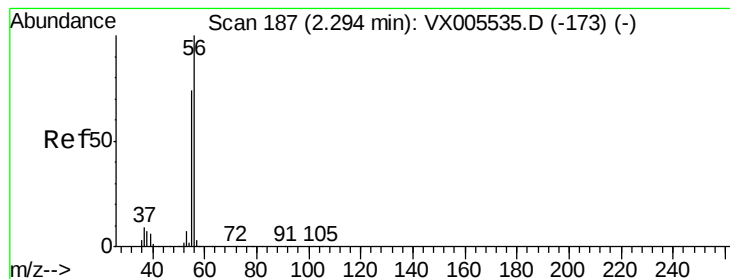


#12

1,1-Dichloroethene  
 Concen: 18.927 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. -0.00 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

Tgt Ion: 96 Resp: 44122  
 Ion Ratio Lower Upper  
 96 100  
 61 172.3 131.8 197.8  
 98 62.7 53.4 80.2





#13

Acrolein

Concen: 88.692 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

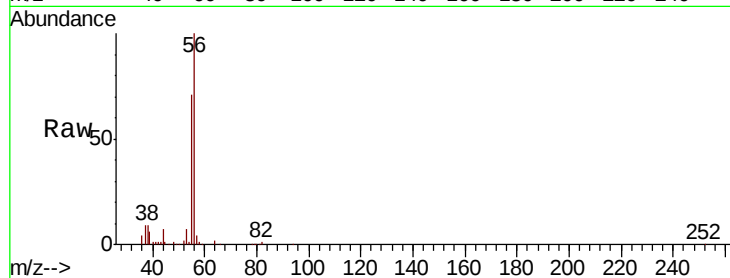
VX1029WBSD02

Tot Ion: 56 Resp: 36908

Ion Ratio Lower Upper

56 100

55 71.1 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

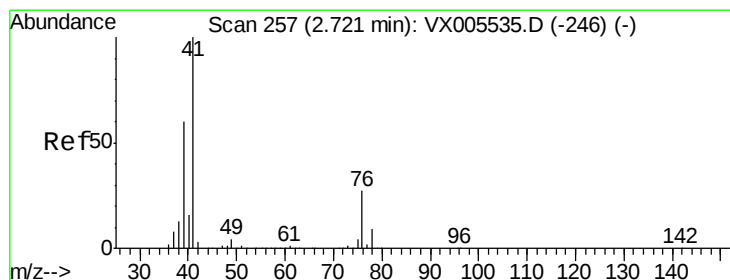
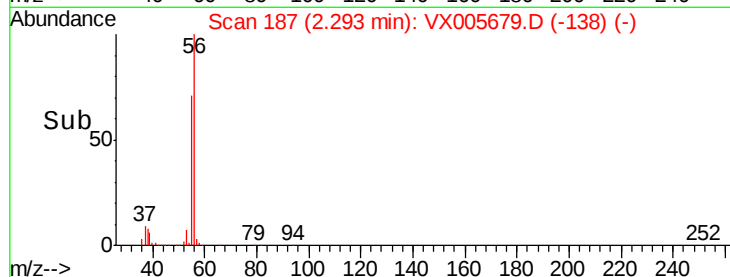
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 18.255 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

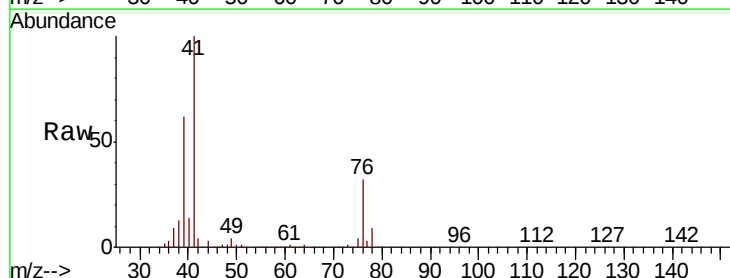
Tgt Ion: 41 Resp: 94976

Ion Ratio Lower Upper

41 100

39 58.3 48.2 72.4

76 31.0 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

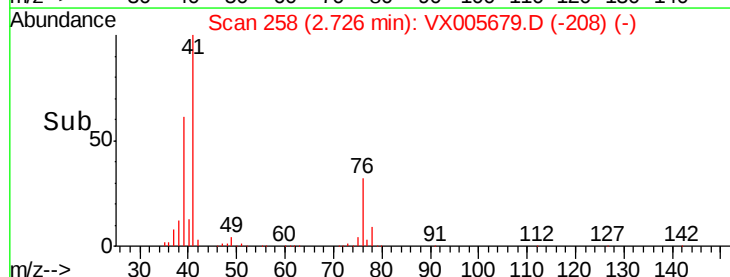
40000

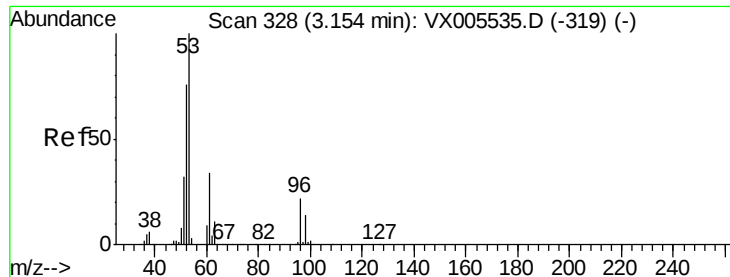
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 95.268 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

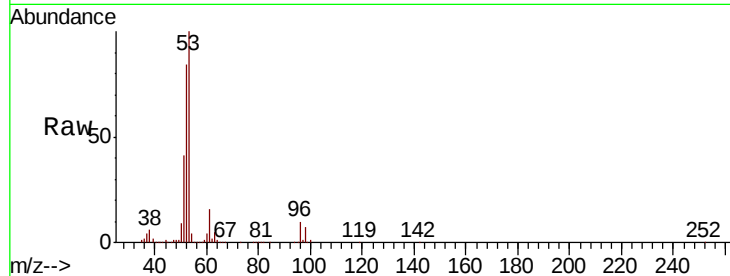
MSVOA\_X

ClientSampleId :

VX1029WBSD02

Tot Ion: 53 Resp: 174273

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.9  | 66.6  | 99.8  |
| 51  | 36.5  | 28.4  | 42.6  |

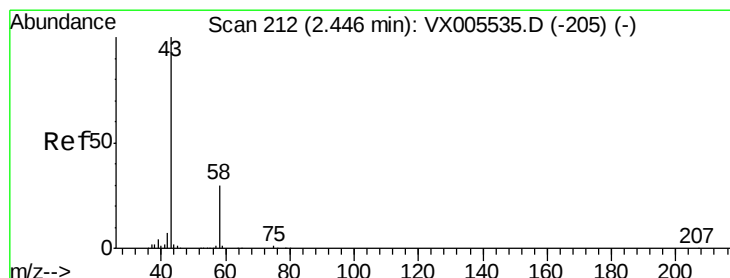
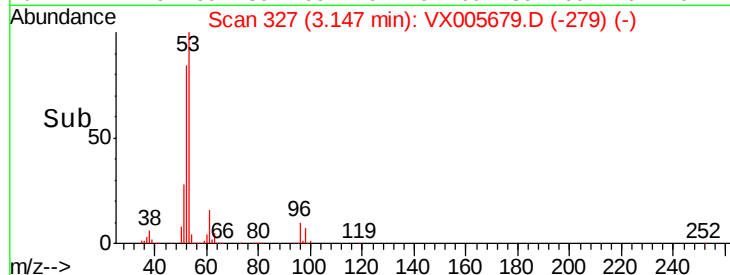
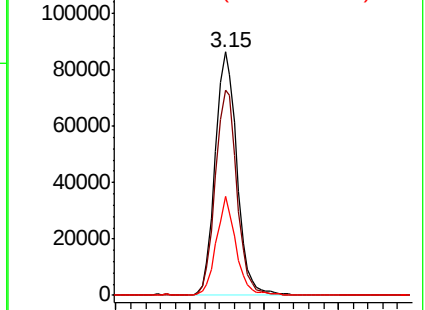


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.847 ug/l

RT: 2.45 min Scan# 212

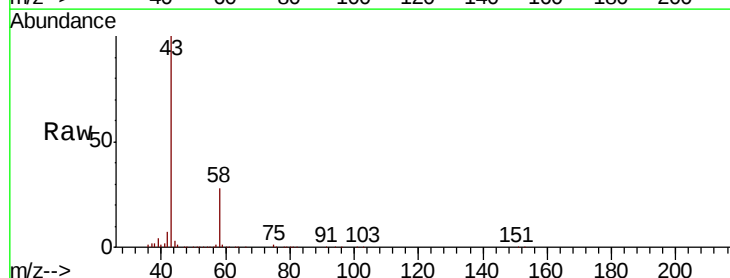
Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Tgt Ion: 43 Resp: 156742

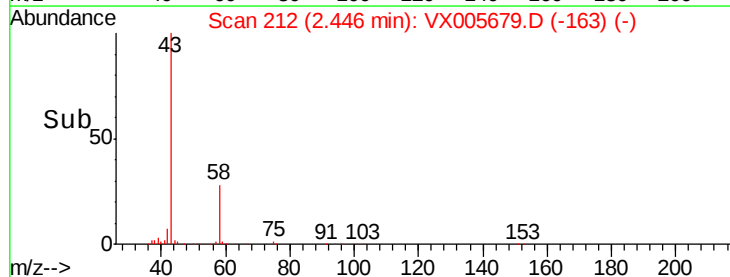
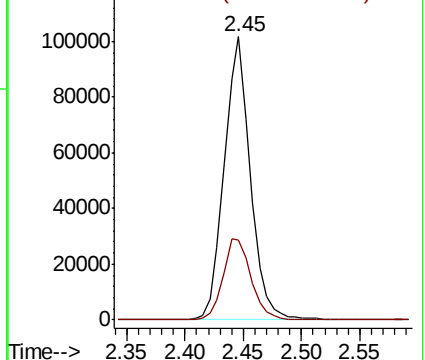
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 28.4  | 23.8  | 35.6  |

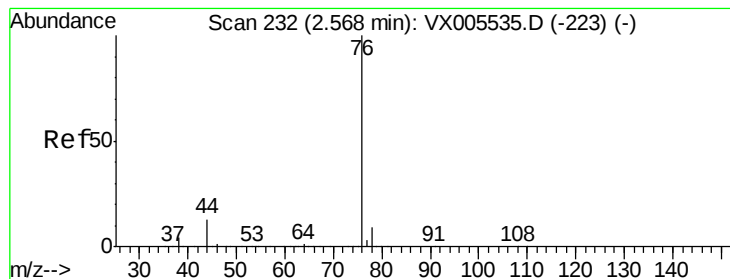


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.341 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

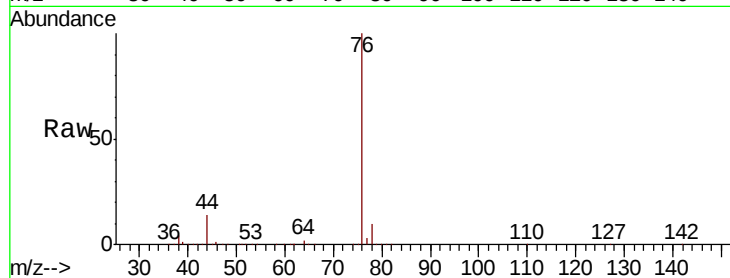
VX1029WBSD02

Tot Ion: 76 Resp: 130340

Ion Ratio Lower Upper

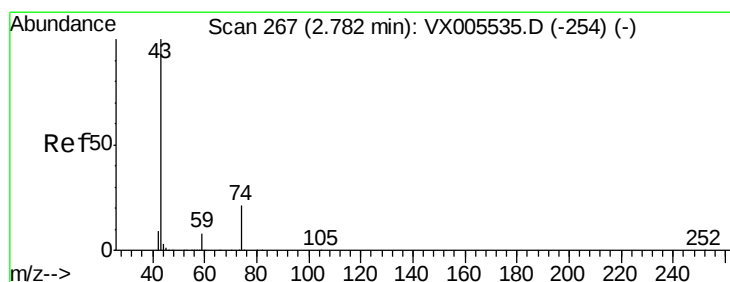
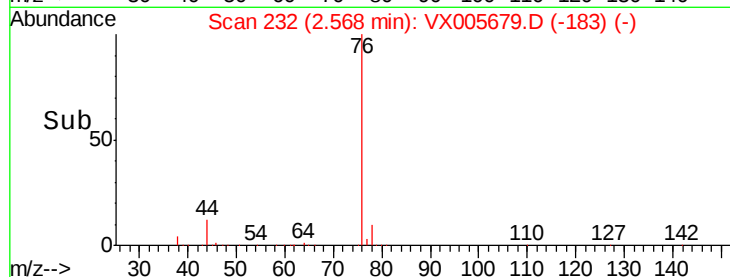
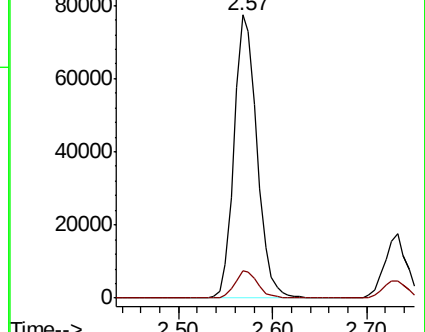
76 100

78 9.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX005535.D (-223) (-)

Ion 77.90 (77.60 to 78.60): VX005535.D (-223) (-)



#18

Methyl Acetate

Concen: 20.037 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005679.D

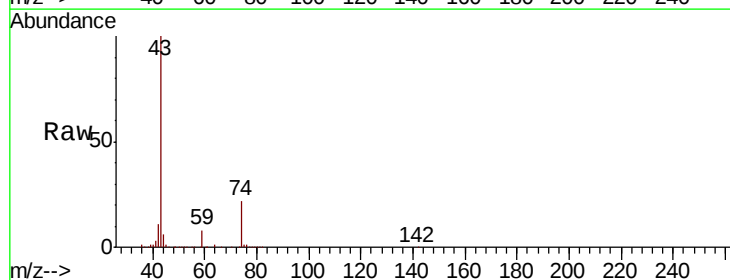
Acq: 30 Oct 2018 00:30

Tgt Ion: 43 Resp: 82758

Ion Ratio Lower Upper

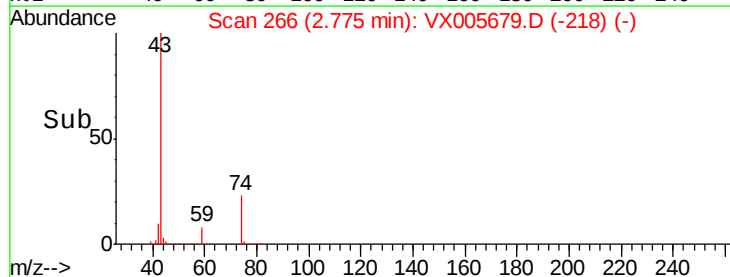
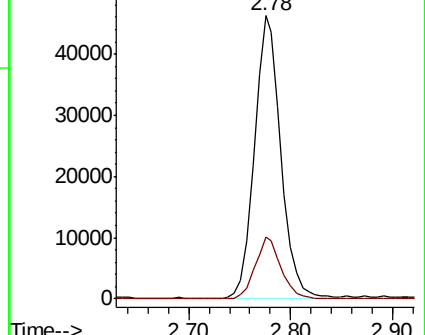
43 100

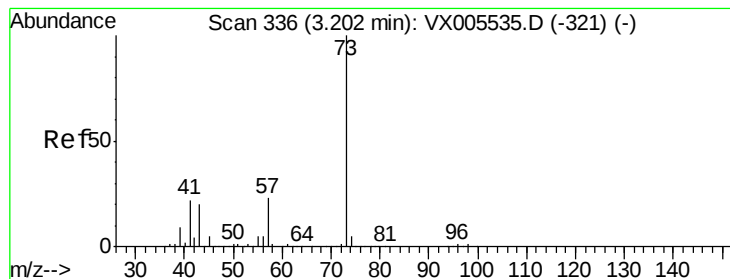
74 21.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-254) (-)

Ion 74.00 (73.70 to 74.70): VX005535.D (-254) (-)



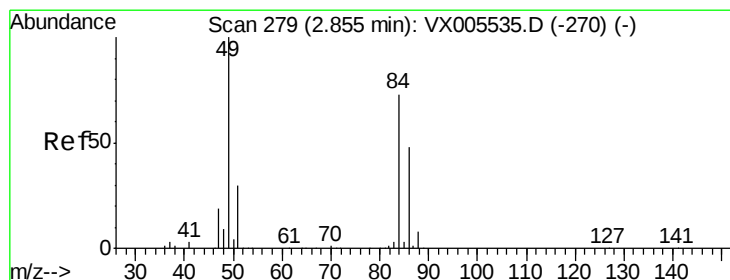
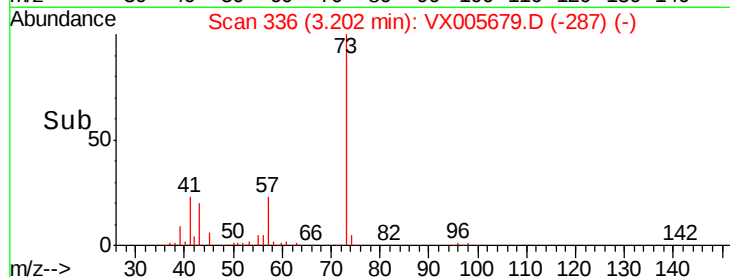
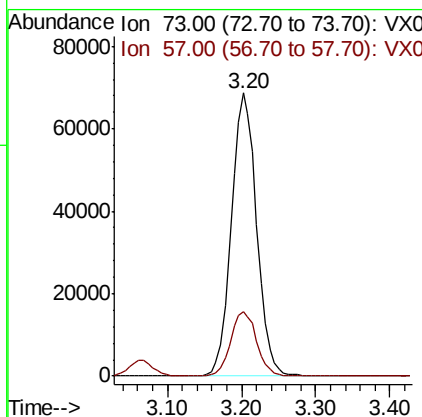
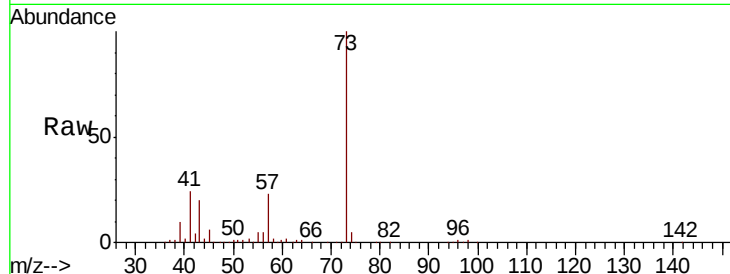


#19

Methyl tert-butyl Ether  
 Concen: 19.534 ug/l  
 RT: 3.20 min Scan# 336  
 Delta R.T. -0.00 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBSD02

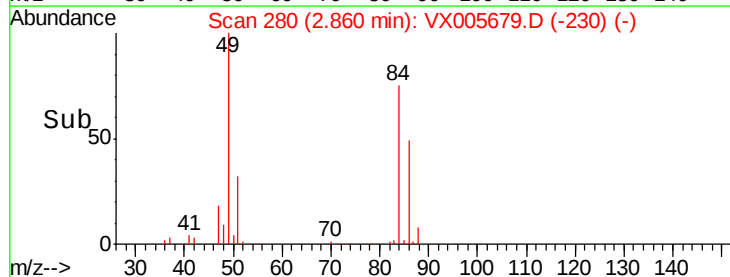
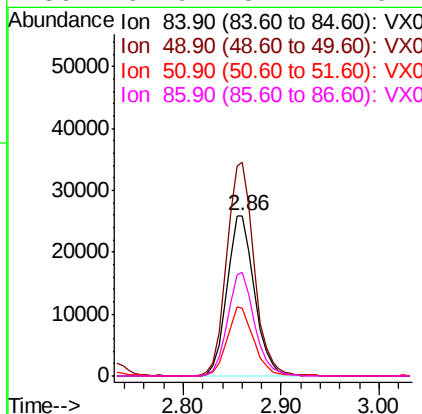
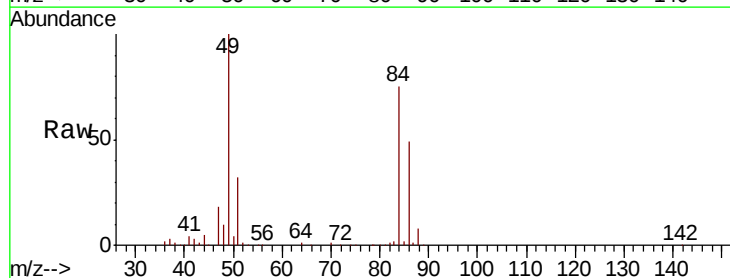
Tot Ion: 73 Resp: 162439  
 Ion Ratio Lower Upper  
 73 100  
 57 22.9 18.8 28.2

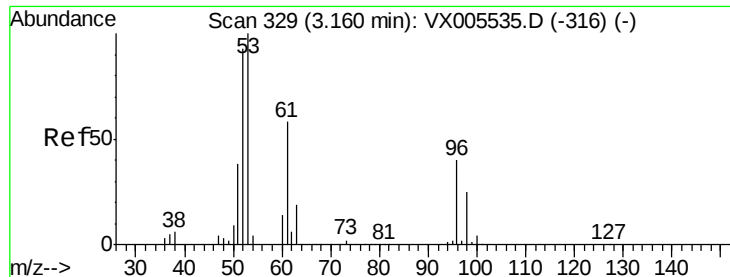


#20

Methylene Chloride  
 Concen: 18.780 ug/l  
 RT: 2.86 min Scan# 280  
 Delta R.T. 0.01 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

Tgt Ion: 84 Resp: 50386  
 Ion Ratio Lower Upper  
 84 100  
 49 133.3 109.5 164.3  
 51 42.2 33.3 49.9  
 86 64.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.625 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

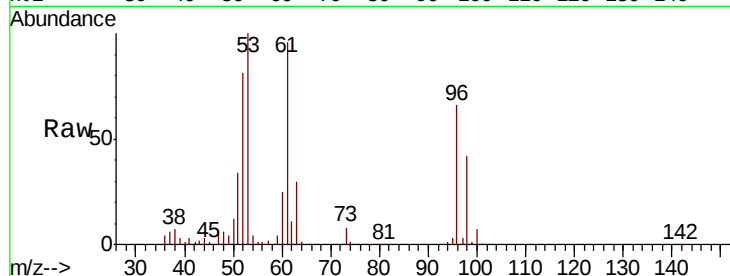
Tot Ion: 96 Resp: 47406

Ion Ratio Lower Upper

96 100

61 145.9 115.6 173.4

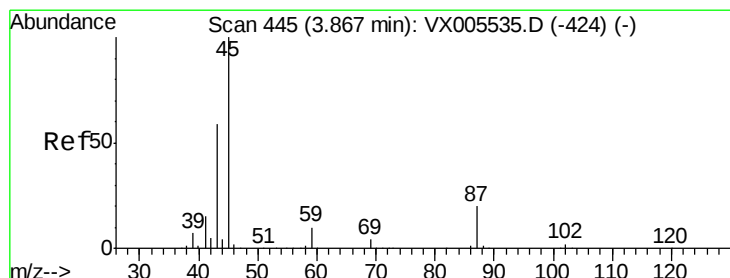
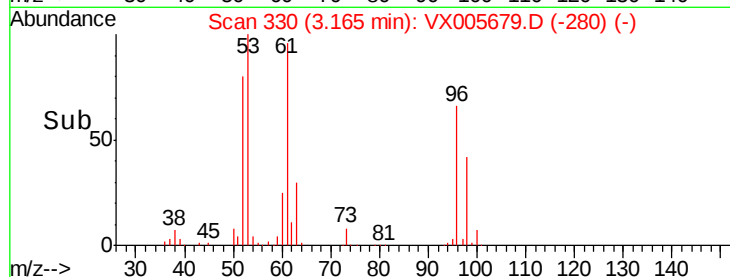
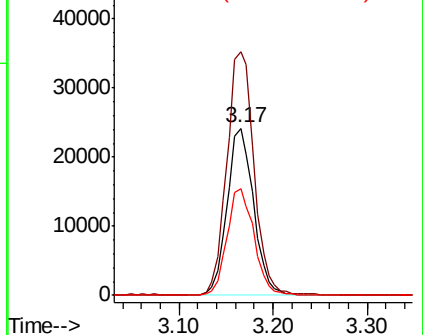
98 63.5 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.520 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Tgt Ion: 45 Resp: 177355

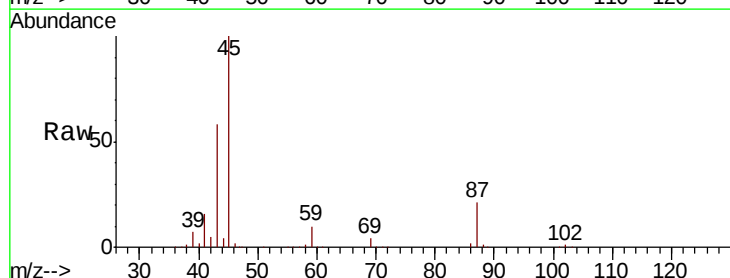
Ion Ratio Lower Upper

45 100

43 57.6 47.4 71.2

87 21.3 15.9 23.9

59 9.9 7.7 11.5

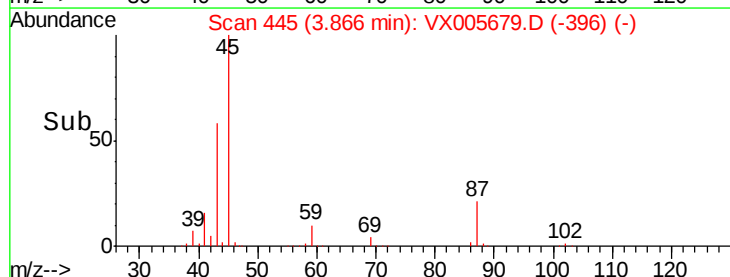
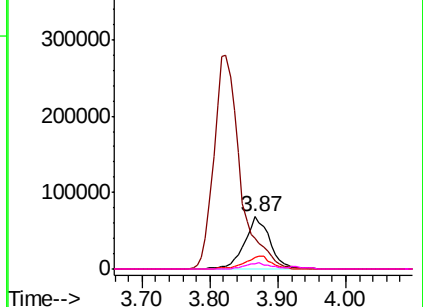


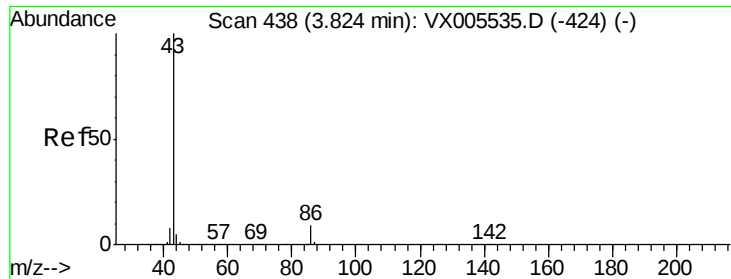
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 93.782 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

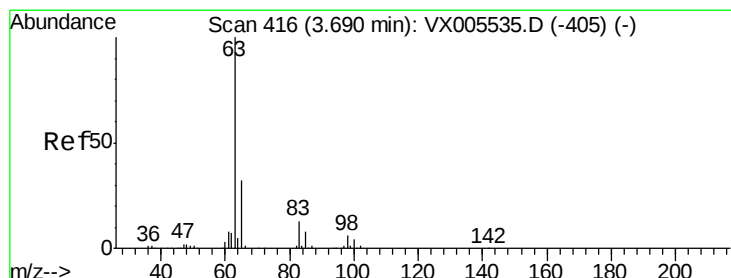
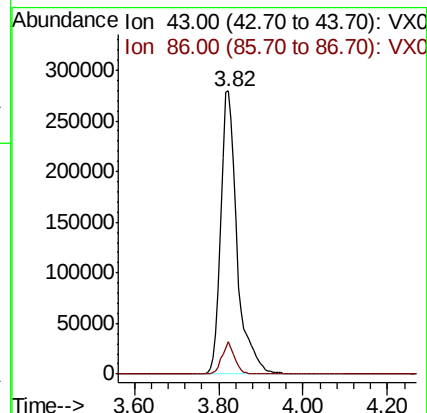
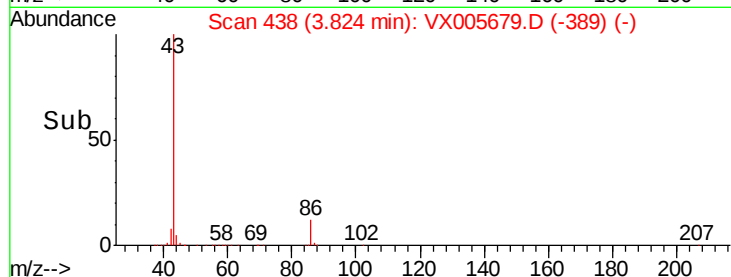
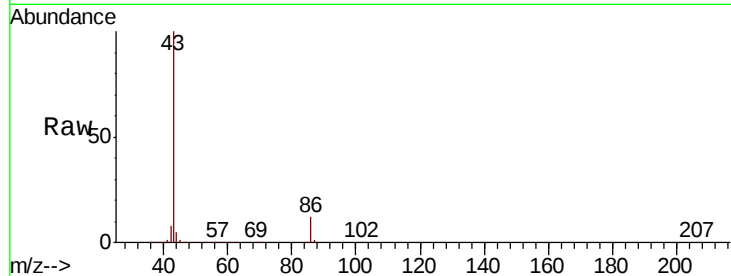
VX1029WBSD02

Tot Ion: 43 Resp: 750426

Ion Ratio Lower Upper

43 100

86 11.5 7.4 11.2#



#24

1,1-Dichloroethane

Concen: 19.051 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

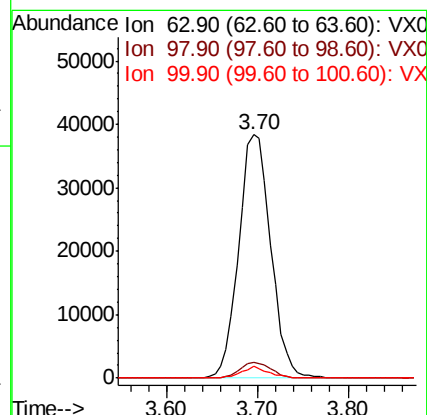
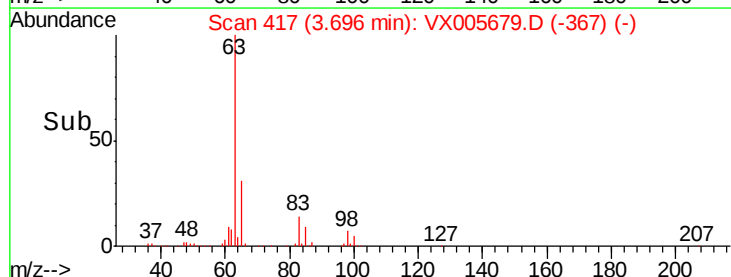
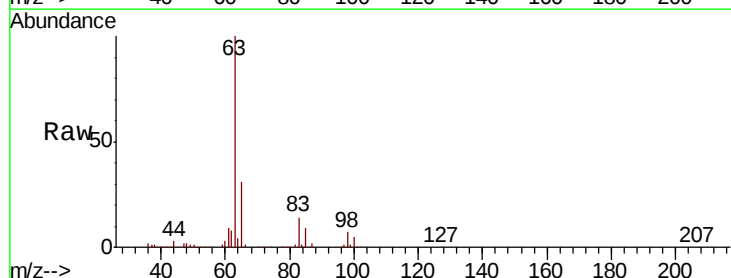
Tgt Ion: 63 Resp: 94106

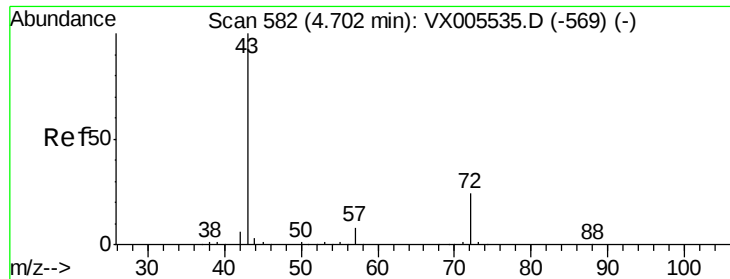
Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

100 4.8 2.1 6.2





#25

2-Butanone

Concen: 98.953 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

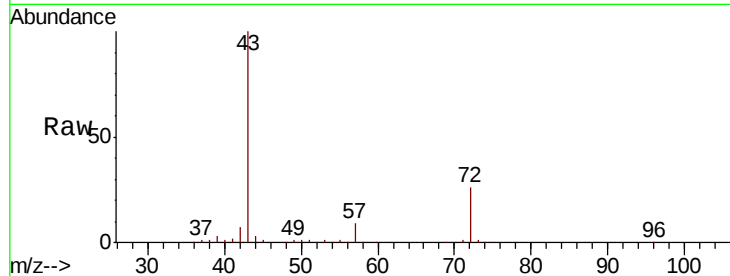
VX1029WBSD02

Tot Ion: 43 Resp: 241383

Ion Ratio Lower Upper

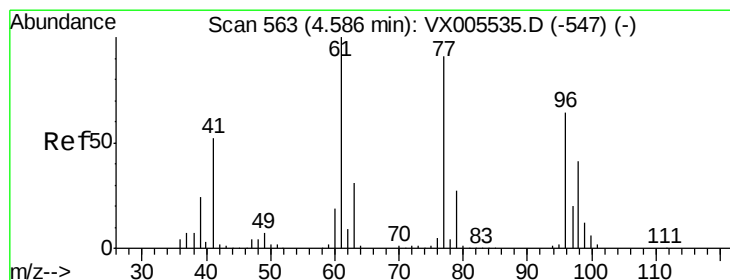
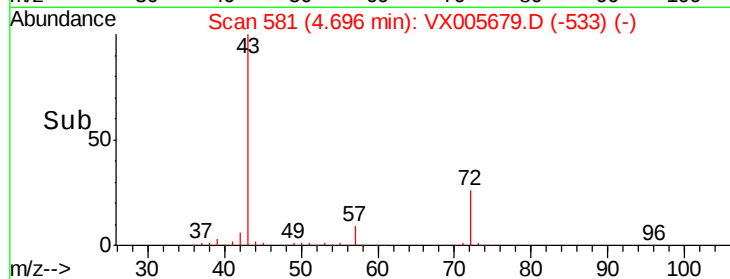
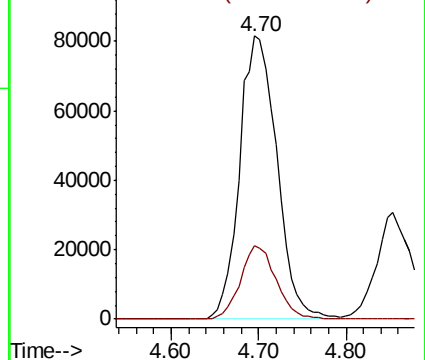
43 100

72 26.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.283 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX005679.D

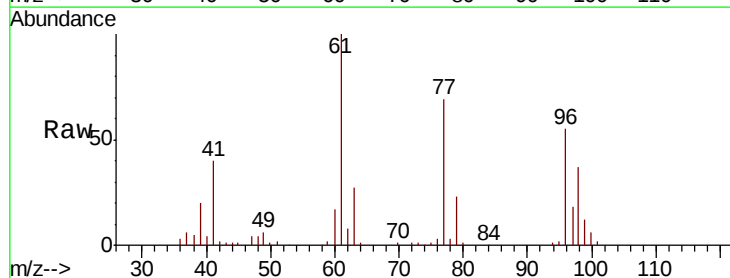
Acq: 30 Oct 2018 00:30

Tgt Ion: 77 Resp: 58283

Ion Ratio Lower Upper

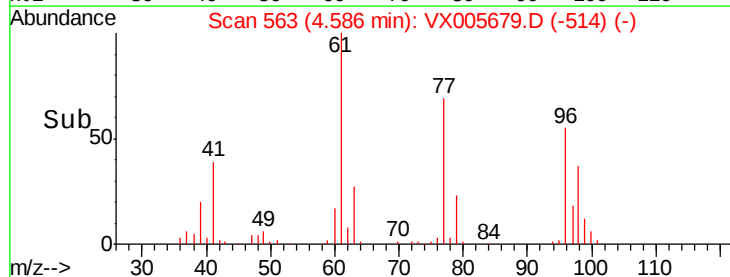
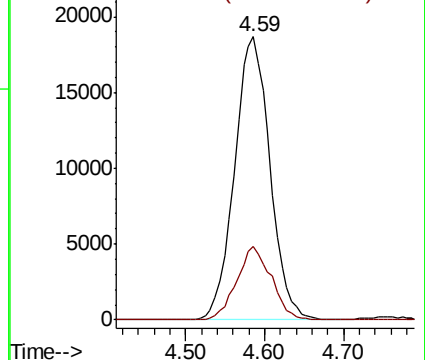
77 100

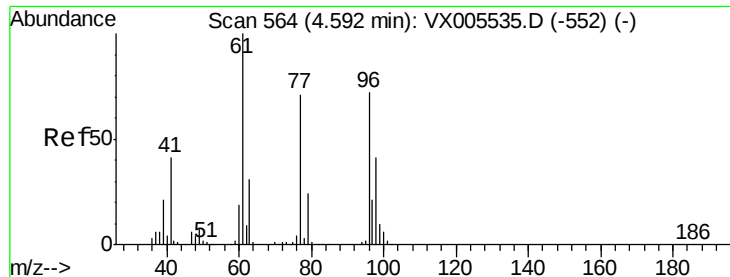
97 25.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



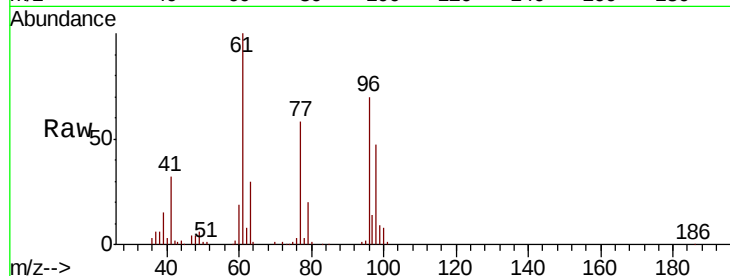


#27

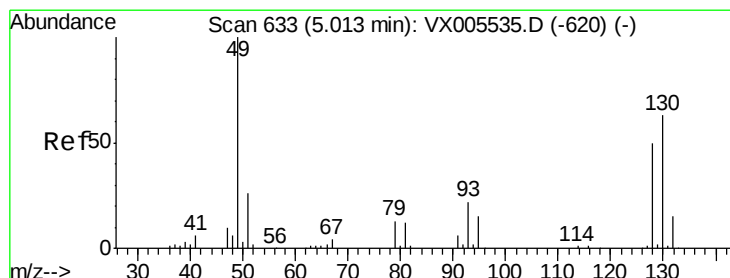
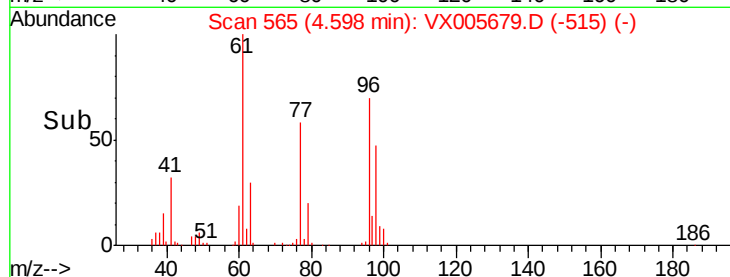
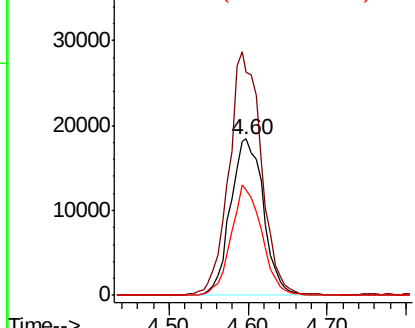
cis-1,2-Dichloroethene  
Concen: 19.573 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.01 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

Tot Ion: 96 Resp: 53710  
Ion Ratio Lower Upper  
96 100  
61 152.6 0.0 304.6  
98 65.3 0.0 127.4



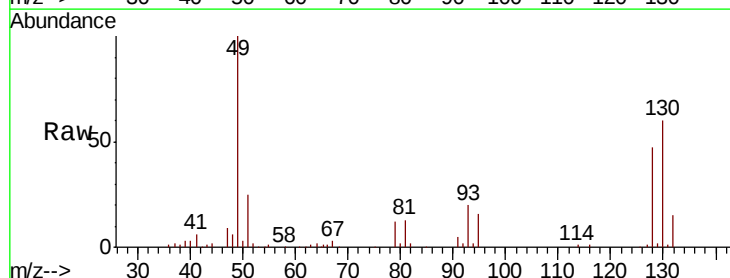
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



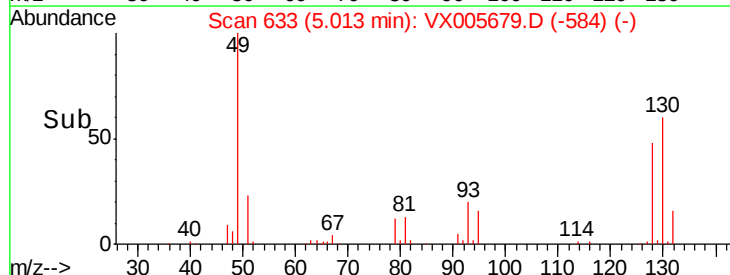
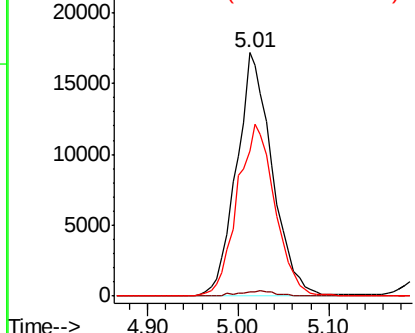
#28

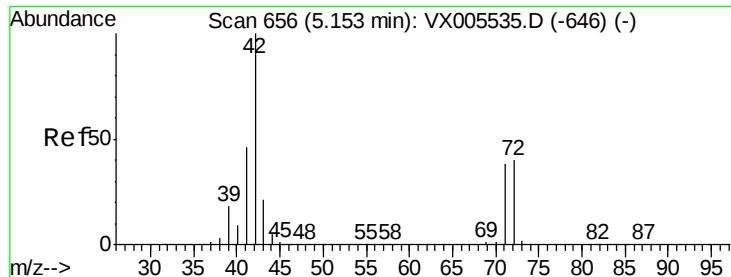
Bromochloromethane  
Concen: 19.619 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion: 49 Resp: 46873  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 4.0  
130 74.6 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V

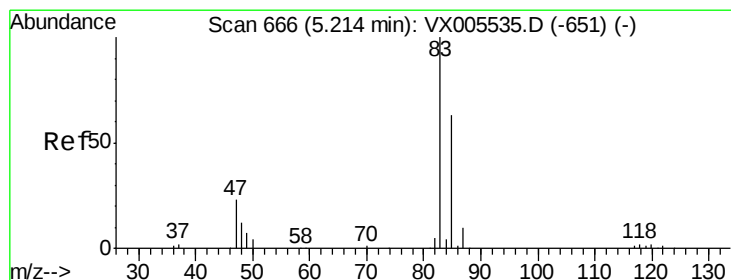
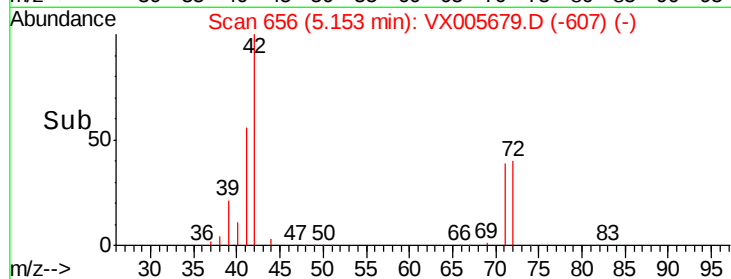
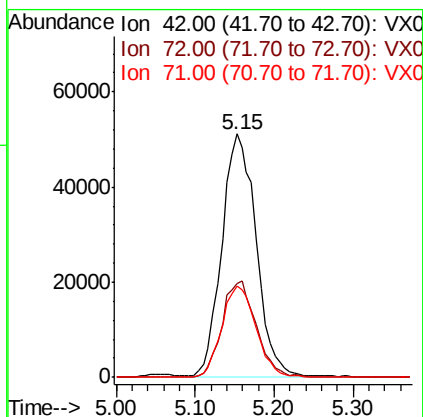
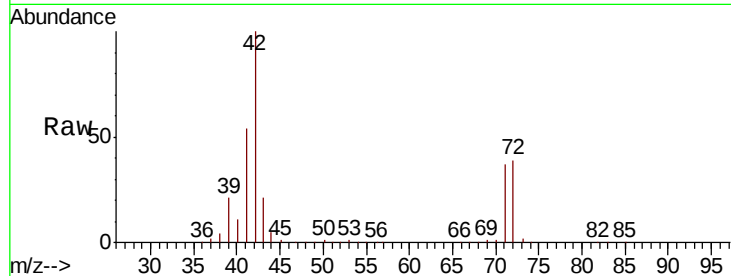




#29  
Tetrahydrofuran  
Concen: 97.072 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

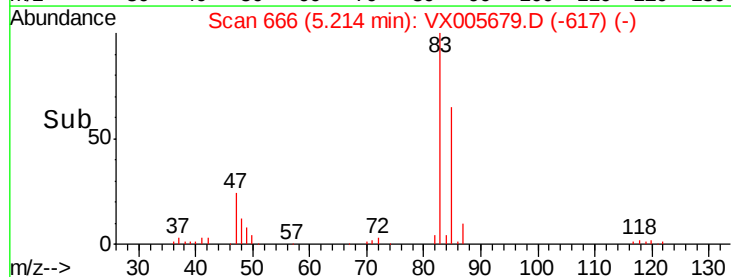
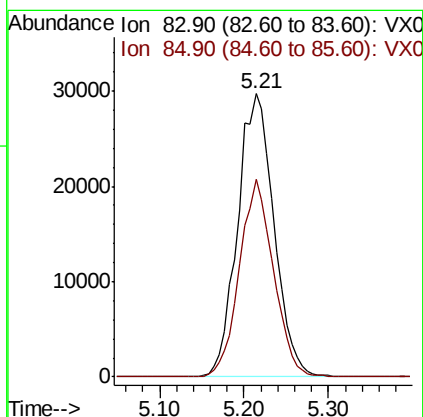
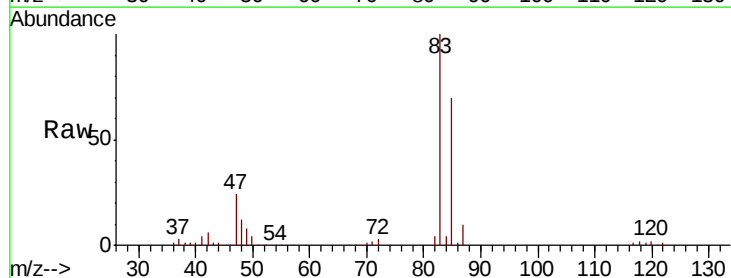
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

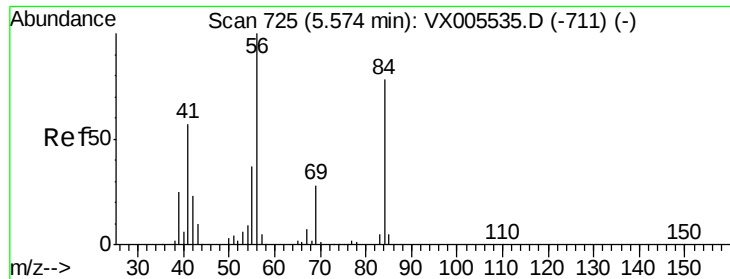
Tot Ion: 42 Resp: 154102  
Ion Ratio Lower Upper  
42 100  
72 39.9 32.0 48.0  
71 37.9 29.8 44.8



#30  
Chloroform  
Concen: 18.802 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion: 83 Resp: 86875  
Ion Ratio Lower Upper  
83 100  
85 69.7 50.6 76.0

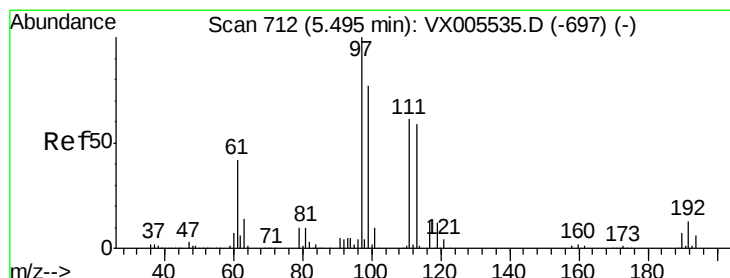
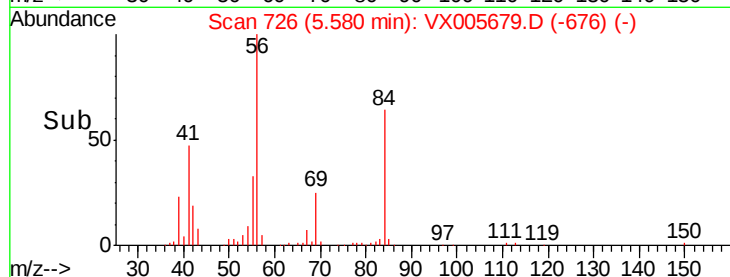
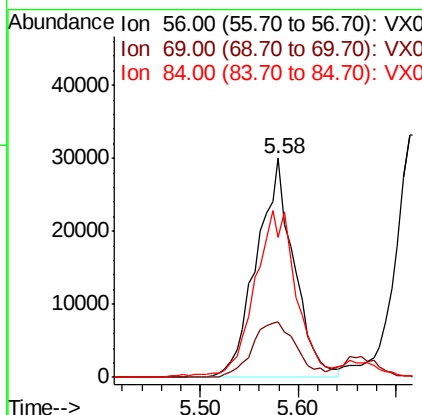
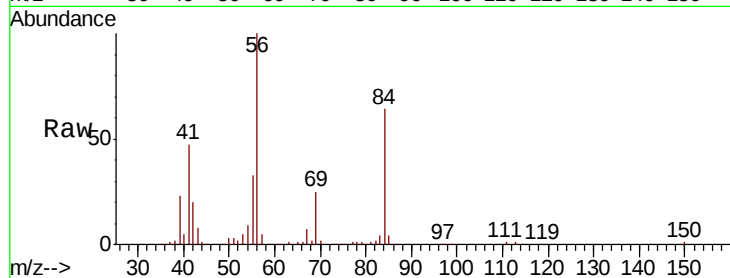




#31  
Cyclohexane  
Concen: 19.472 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. 0.01 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

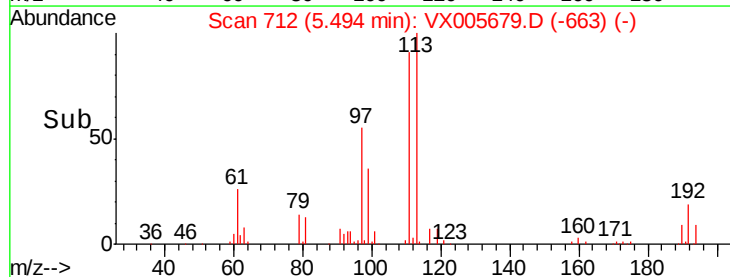
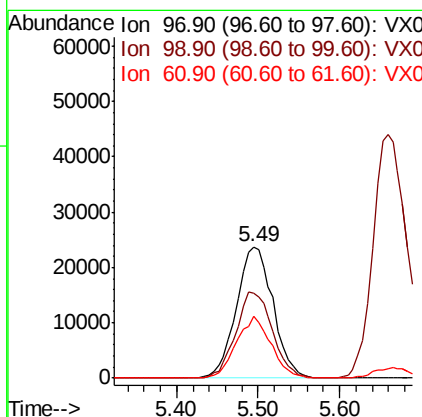
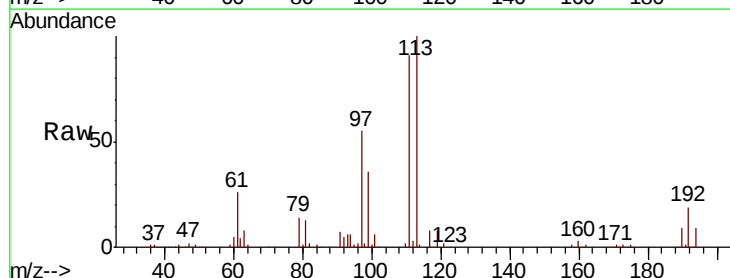
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

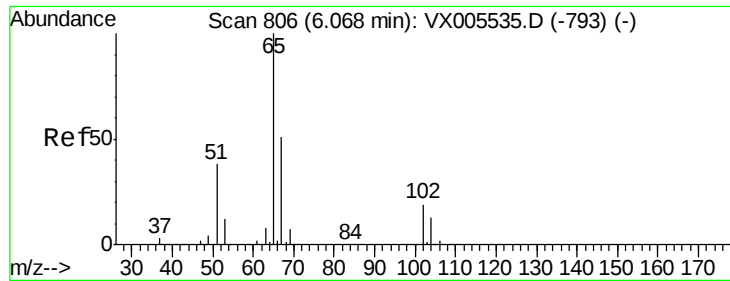
Tot Ion: 56 Resp: 79584  
Ion Ratio Lower Upper  
56 100  
69 25.1 22.6 34.0  
84 62.9 62.7 94.1



#32  
1,1,1-Trichloroethane  
Concen: 18.093 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion: 97 Resp: 73788  
Ion Ratio Lower Upper  
97 100  
99 65.4 52.3 78.5  
61 44.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.817 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

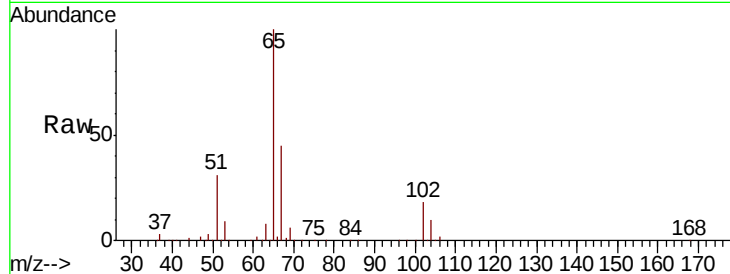
VX1029WBSD02

Tot Ion: 65 Resp: 138897

Ion Ratio Lower Upper

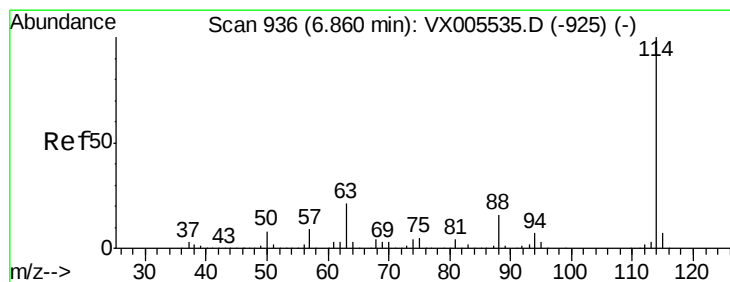
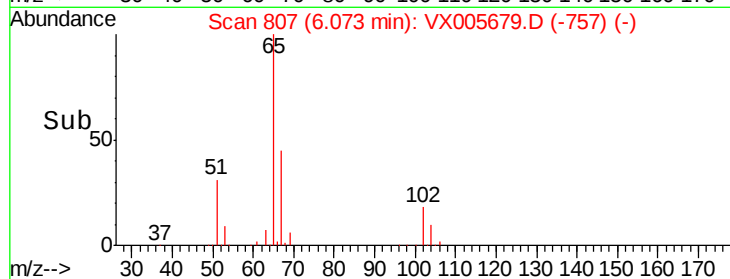
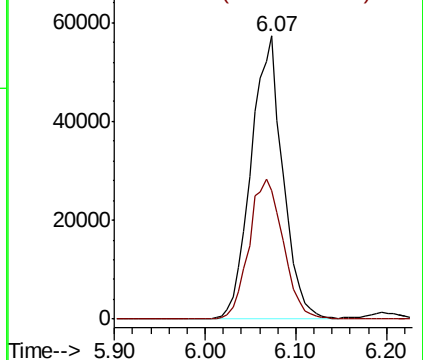
65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

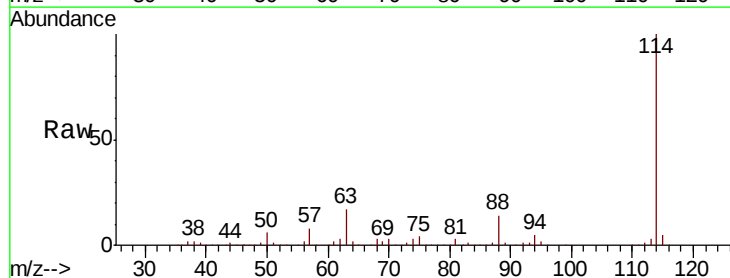
Tgt Ion: 114 Resp: 360664

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.8

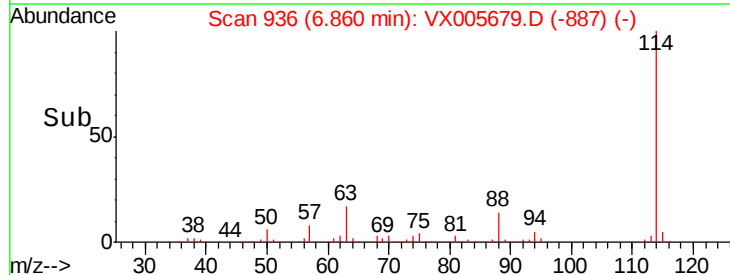
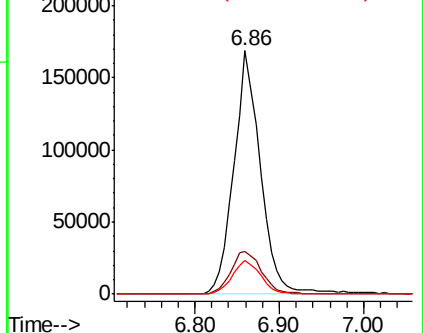
88 13.7 0.0 31.2

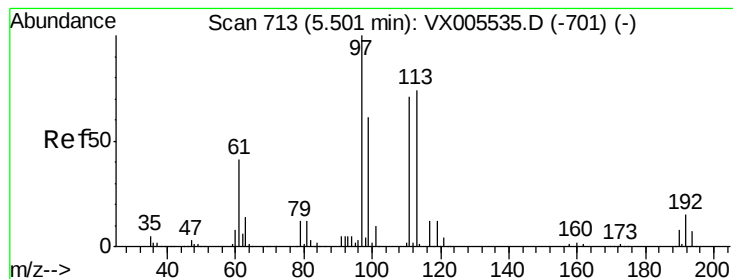


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.863 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

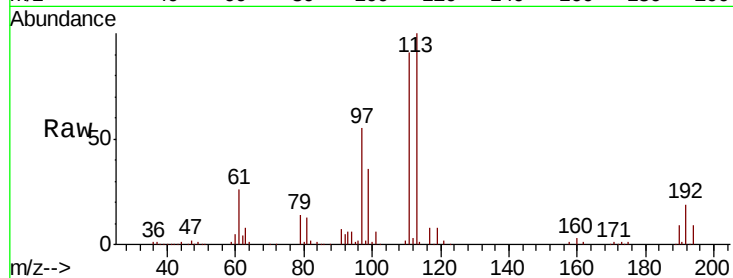
Tot Ion:113 Resp: 116887

Ion Ratio Lower Upper

113 100

111 100.9 82.3 123.5

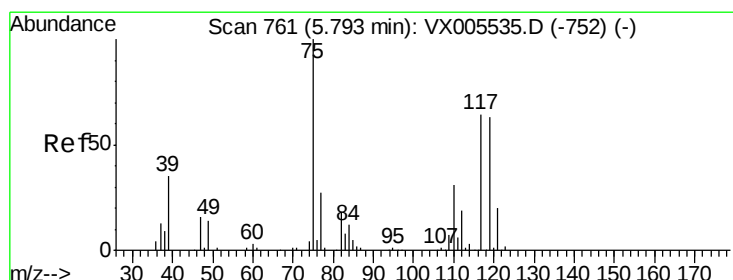
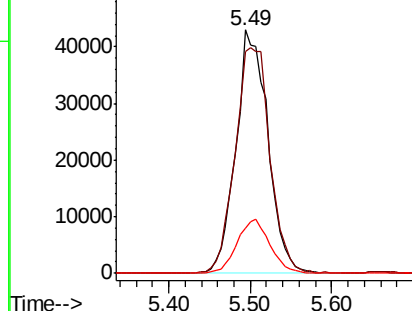
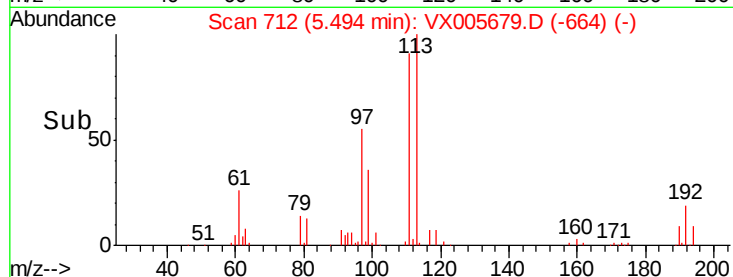
192 22.6 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.998 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

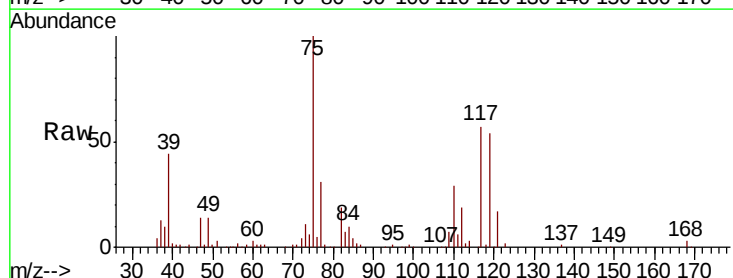
Tgt Ion: 75 Resp: 66494

Ion Ratio Lower Upper

75 100

110 35.3 17.4 52.2

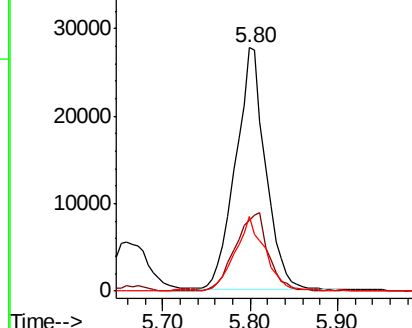
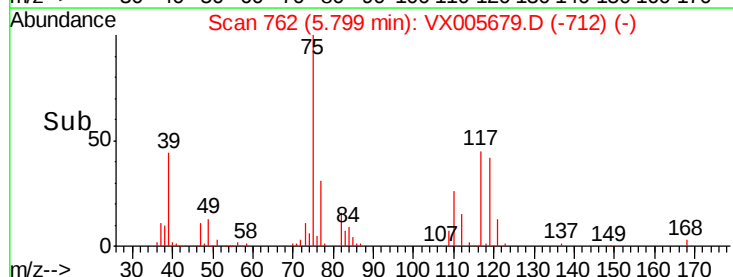
77 29.9 25.8 38.6

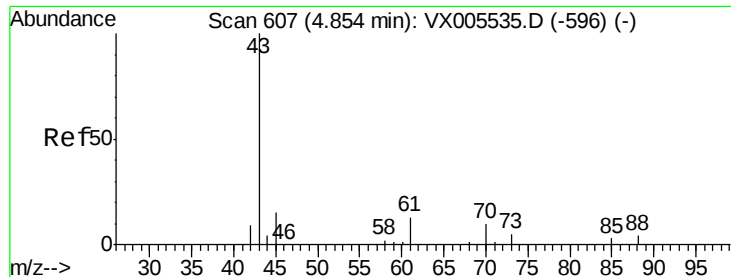


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

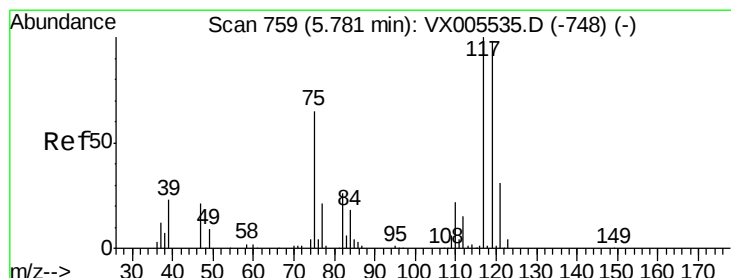
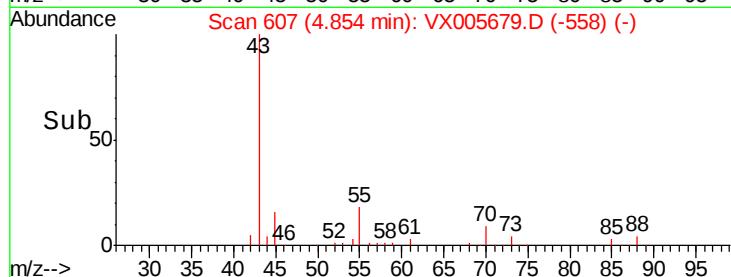
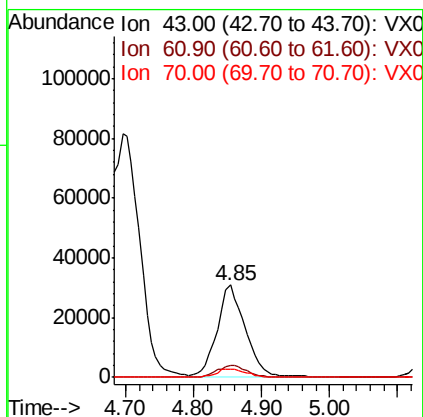
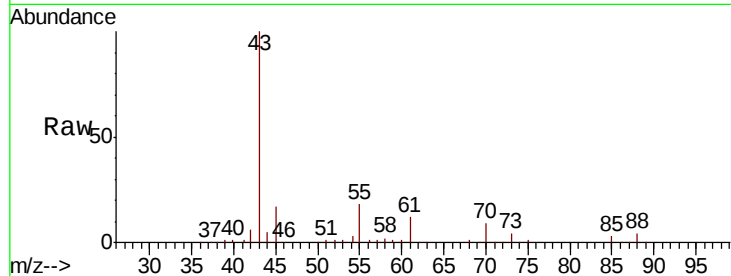




#37  
Ethyl Acetate  
Concen: 19.690 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

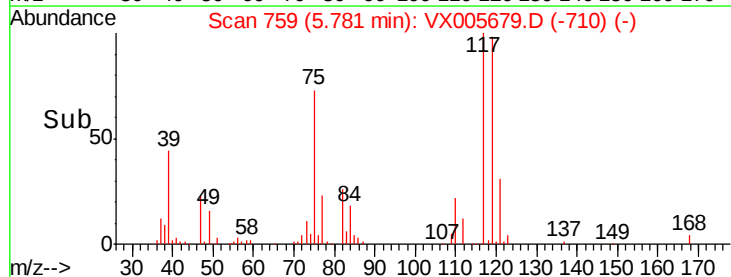
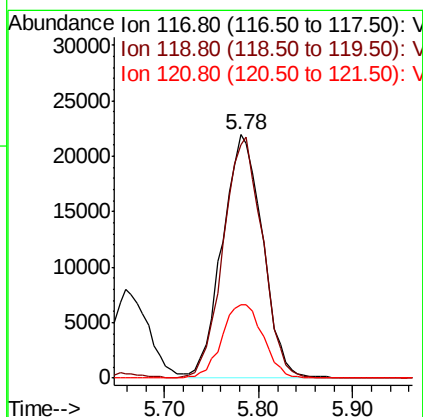
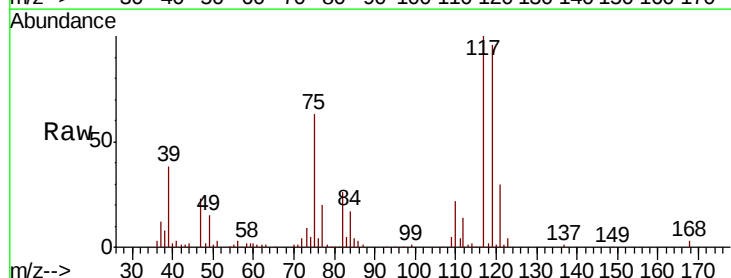
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

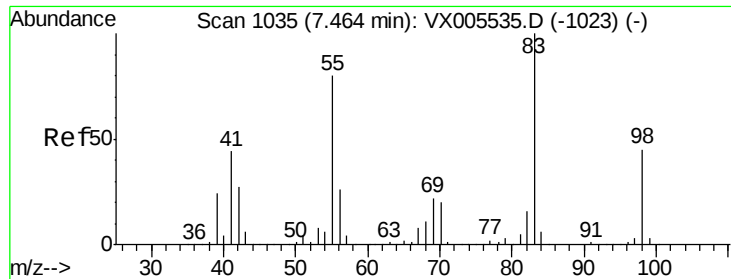
Tot Ion: 43 Resp: 87944  
Ion Ratio Lower Upper  
43 100  
61 13.2 10.8 16.2  
70 10.2 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 17.674 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion: 117 Resp: 65154  
Ion Ratio Lower Upper  
117 100  
119 95.7 78.1 117.1  
121 30.3 24.6 36.8

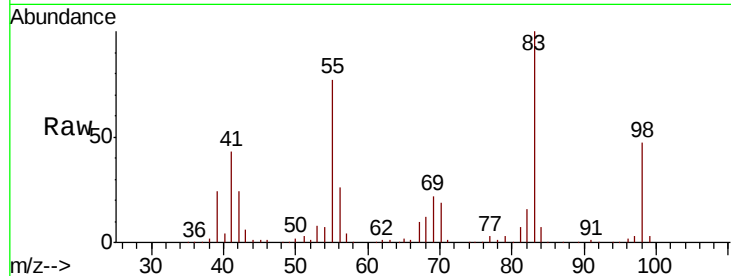




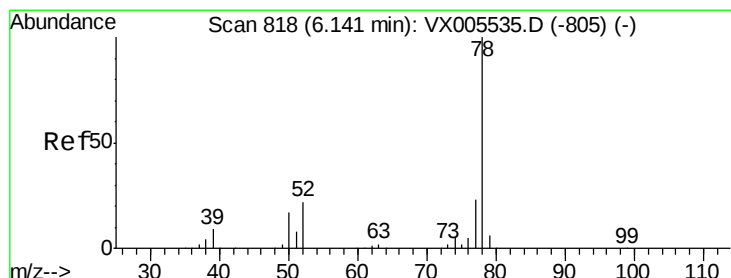
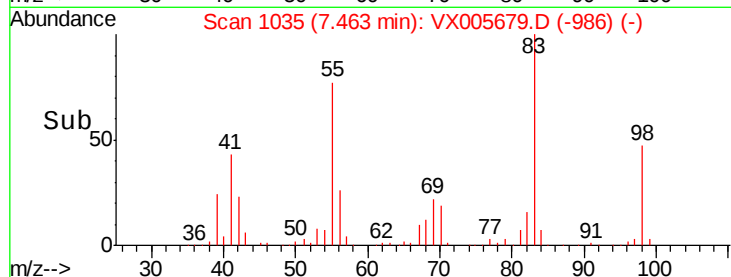
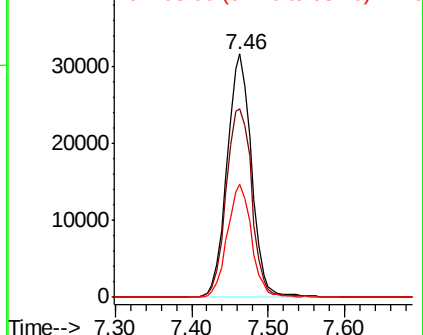
#39  
Methvlcvclohexane  
Concen: 18.110 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

Tot Ion: 83 Resp: 69994  
Ion Ratio Lower Upper  
83 100  
55 77.4 63.7 95.5  
98 46.5 36.2 54.2

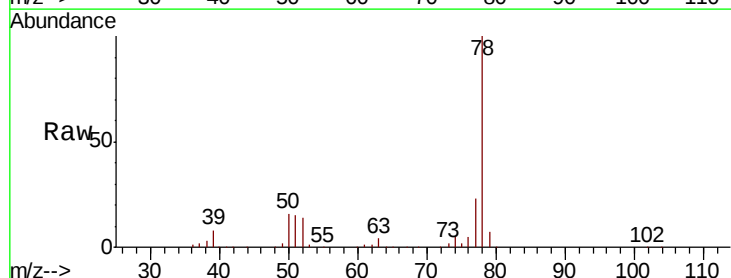


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

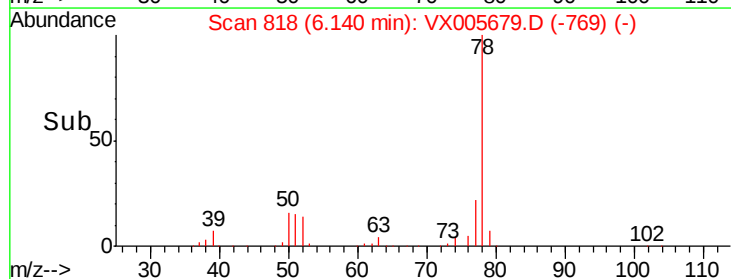
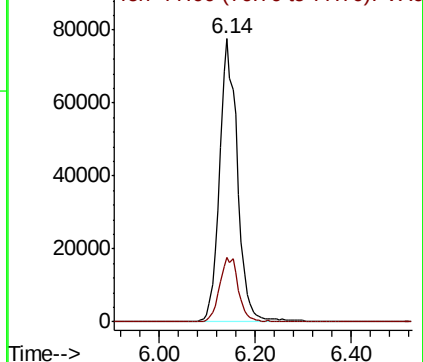


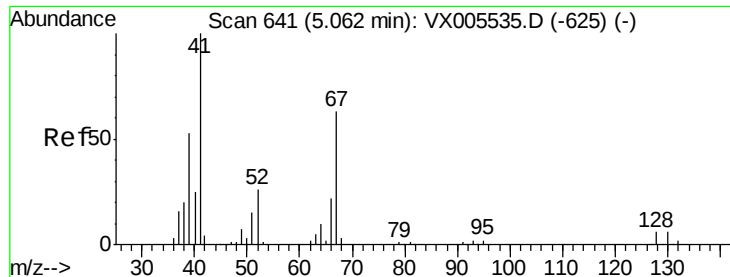
#40  
Benzene  
Concen: 20.103 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion: 78 Resp: 201705  
Ion Ratio Lower Upper  
78 100  
77 22.8 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0  
Ion 77.00 (76.70 to 77.70): VX0

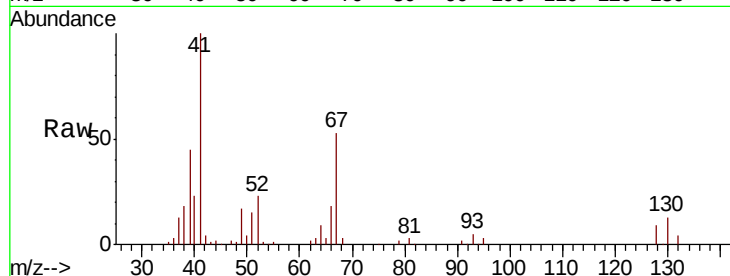




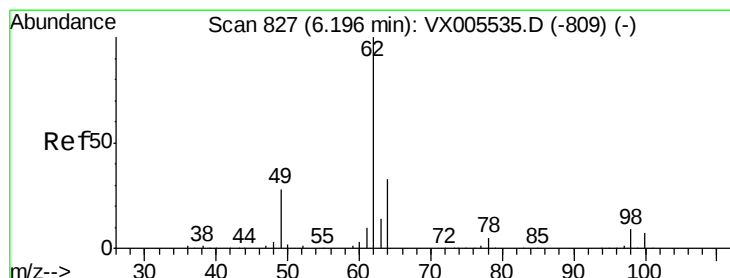
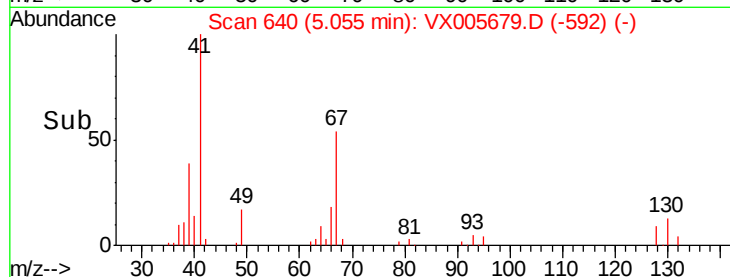
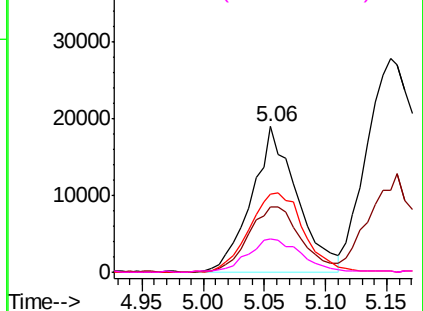
#41  
Methacrylonitrile  
Concen: 19.774 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. -0.01 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 49196 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.0  | 42.2  | 63.2  |
| 67       | 65.5  | 53.4  | 80.0  |
| 52       | 26.1  | 23.4  | 35.2  |

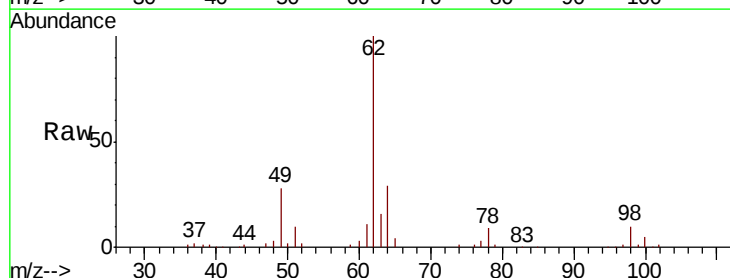


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

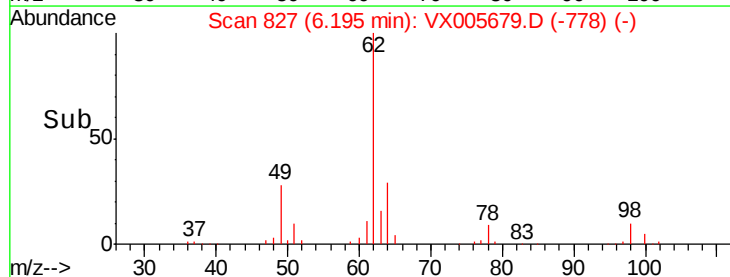
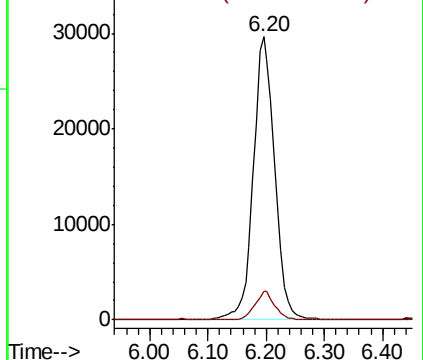


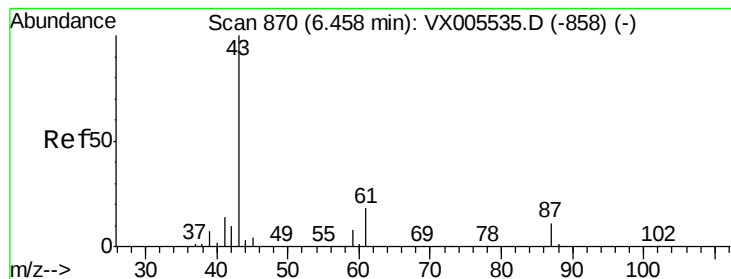
#42  
1,2-Dichloroethane  
Concen: 19.796 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 75454 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.3   | 0.0   | 17.8  |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.565 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

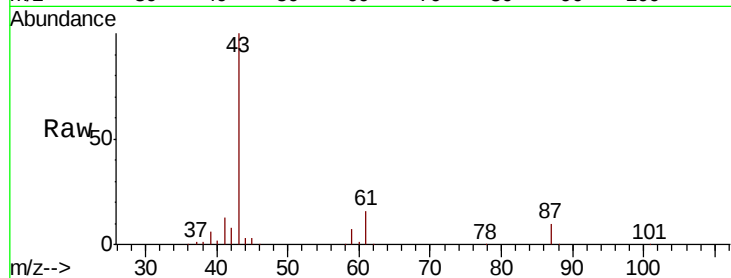
Tot Ion: 43 Resp: 130949

Ion Ratio Lower Upper

43 100

61 18.1 14.6 22.0

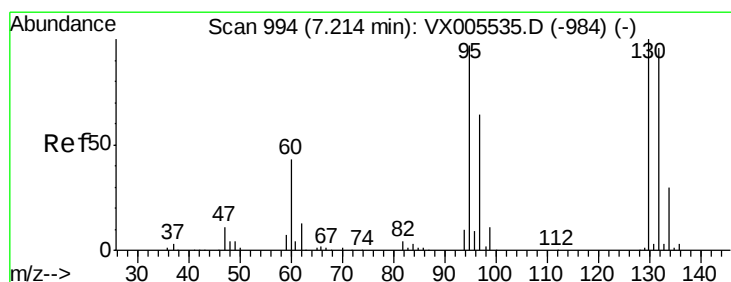
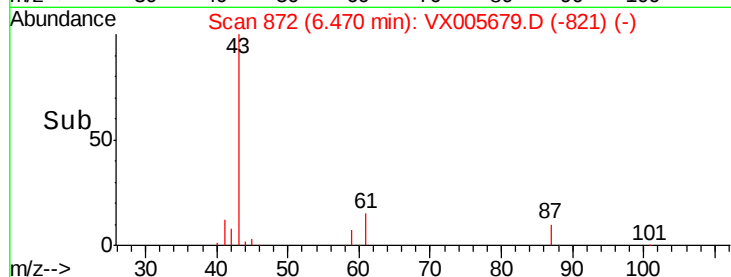
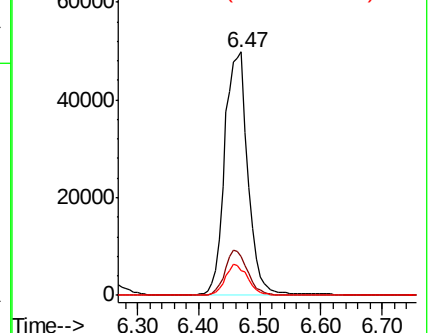
87 12.5 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.738 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005679.D

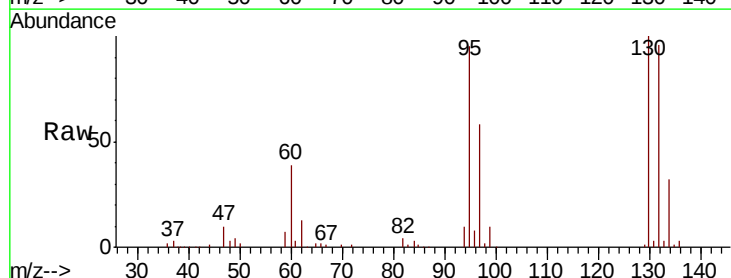
Acq: 30 Oct 2018 00:30

Tgt Ion:130 Resp: 51218

Ion Ratio Lower Upper

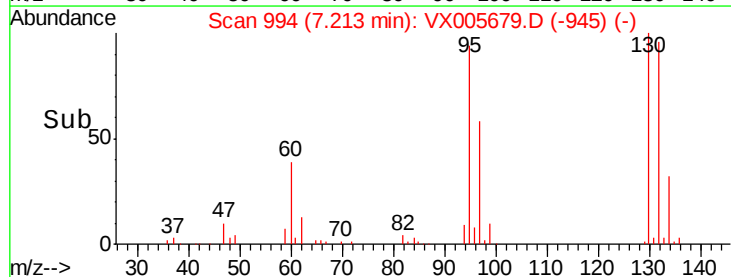
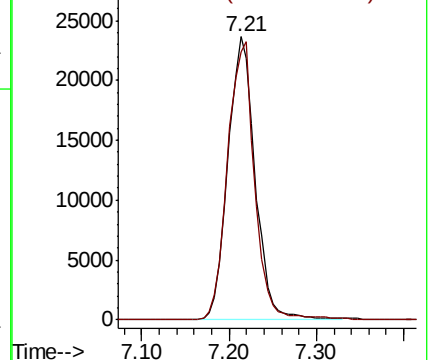
130 100

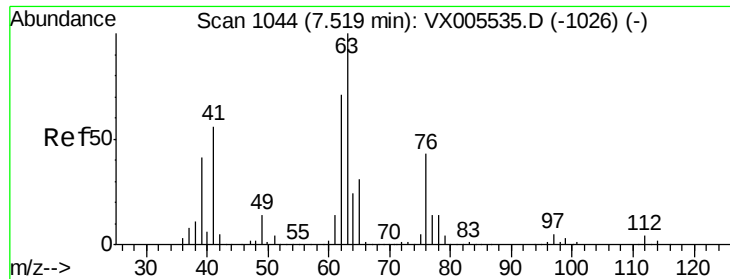
95 94.8 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

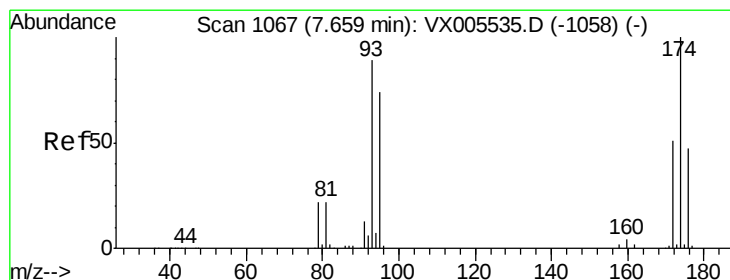
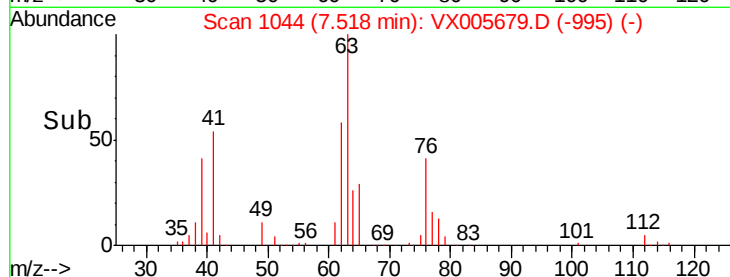
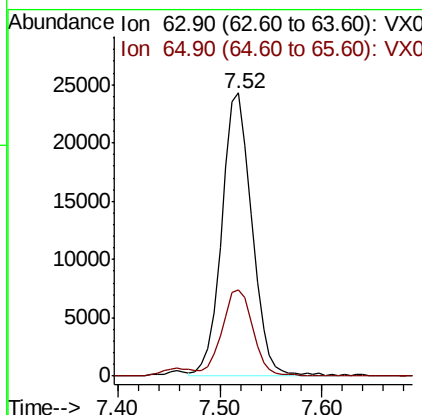
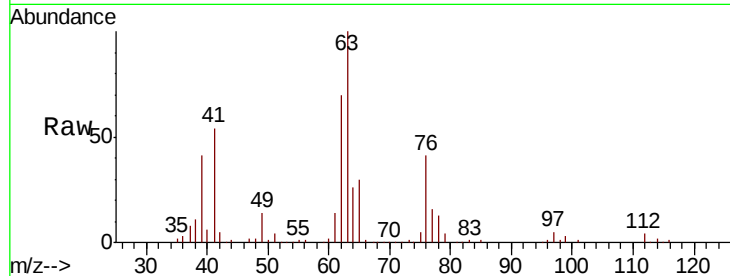




#45  
 1,2-Dichloropropane  
 Concen: 18.185 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. -0.00 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

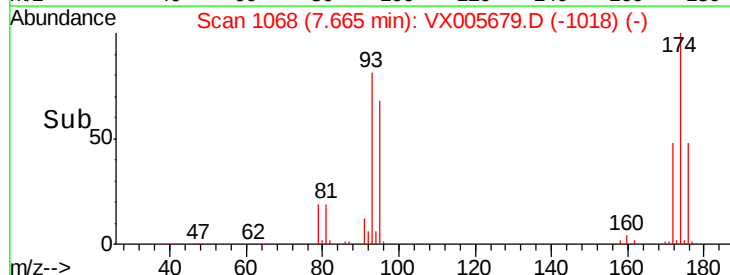
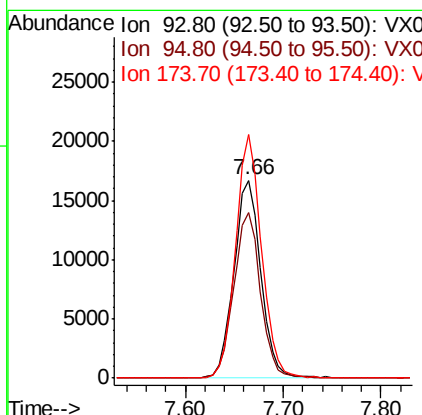
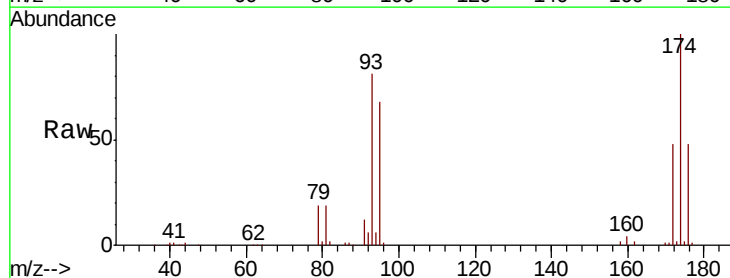
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBSD02

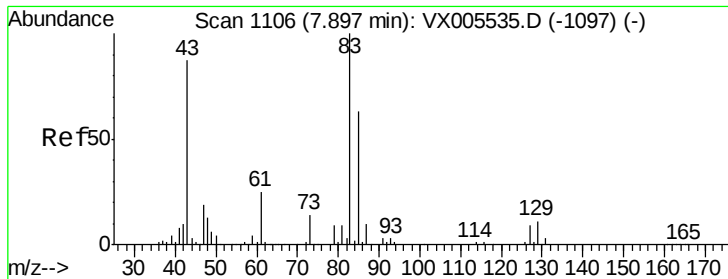
Tot Ion: 63 Resp: 49053  
 Ion Ratio Lower Upper  
 63 100  
 65 30.6 24.8 37.2



#46  
 Dibromomethane  
 Concen: 18.340 ug/l  
 RT: 7.66 min Scan# 1068  
 Delta R.T. 0.01 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

Tgt Ion: 93 Resp: 31952  
 Ion Ratio Lower Upper  
 93 100  
 95 83.0 67.4 101.0  
 174 118.6 91.5 137.3





#47

Bromodichloromethane

Concen: 18.537 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

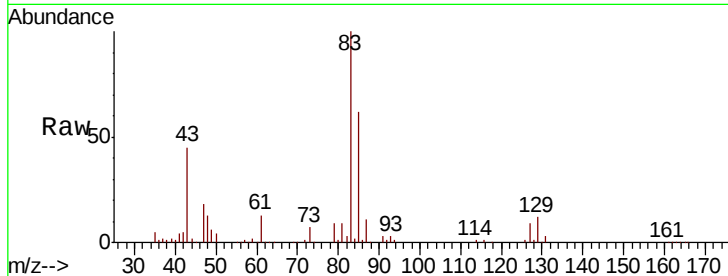
Tot Ion: 83 Resp: 62682

Ion Ratio Lower Upper

83 100

85 62.5 50.2 75.4

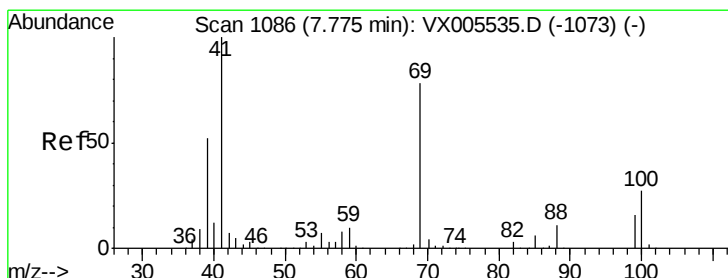
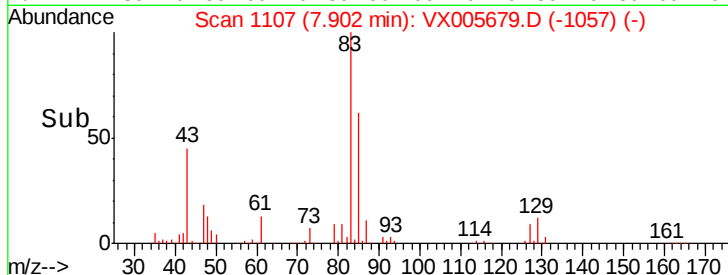
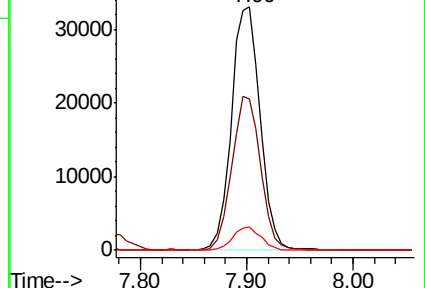
127 9.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.322 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

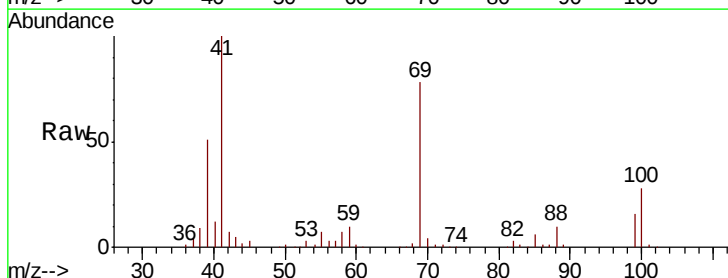
Tgt Ion: 41 Resp: 62999

Ion Ratio Lower Upper

41 100

69 79.3 63.2 94.8

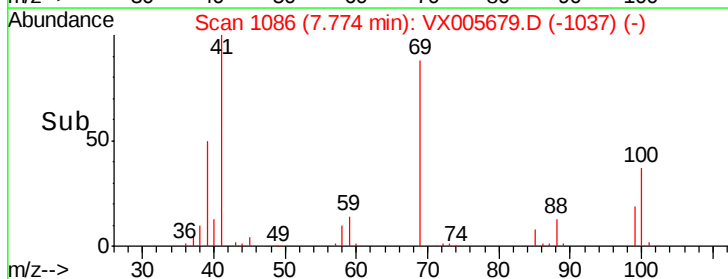
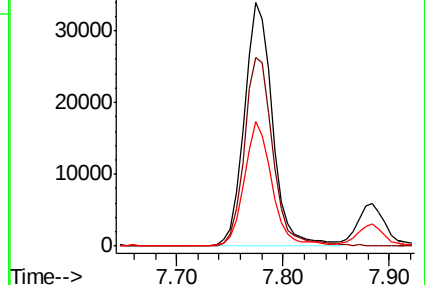
39 49.7 42.2 63.2

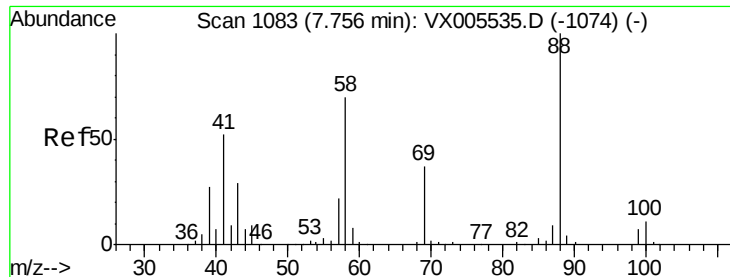


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

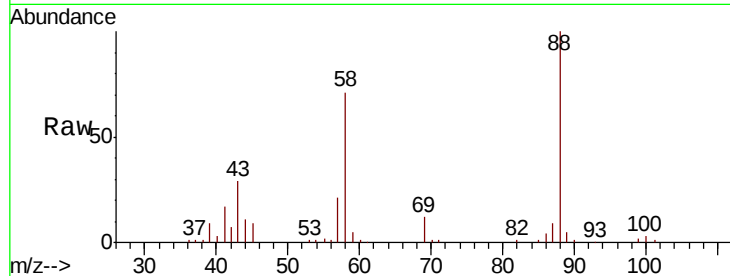




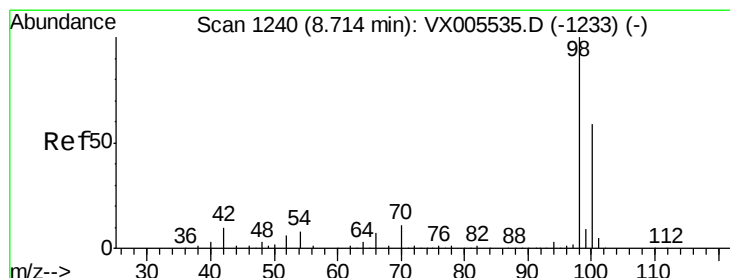
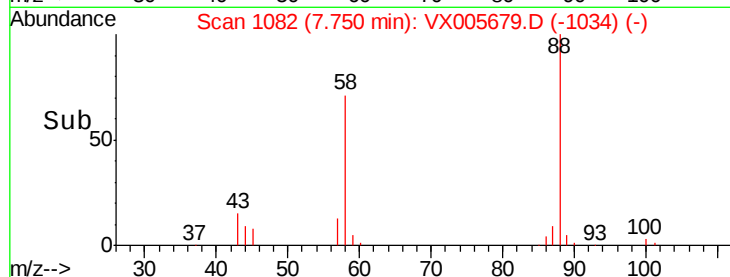
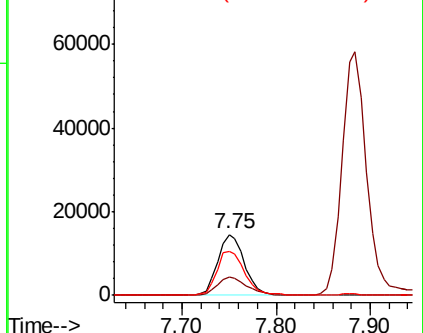
#49  
1,4-Dioxane  
Concen: 402.769 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. -0.01 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

Tot Ion: 88 Resp: 28699  
Ion Ratio Lower Upper  
88 100  
43 34.0 27.4 41.0  
58 75.3 59.4 89.2

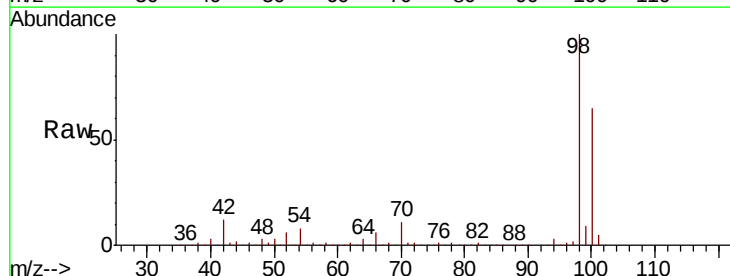


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

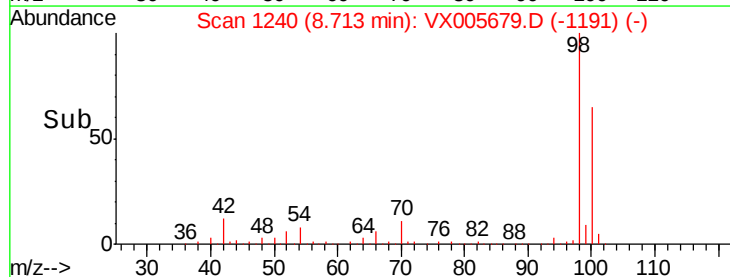
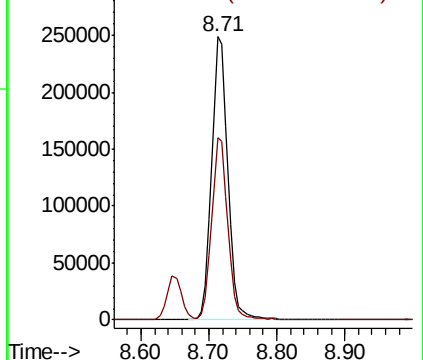


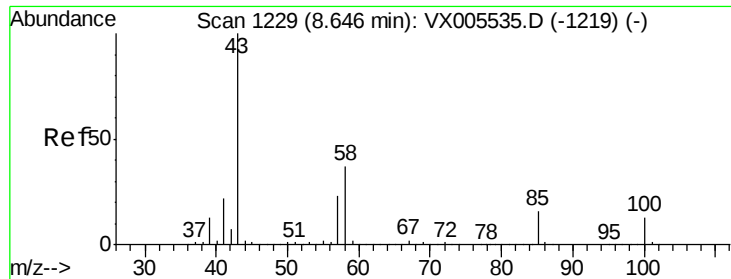
#50  
Toluene-d8  
Concen: 47.141 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion: 98 Resp: 413665  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 95.425 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

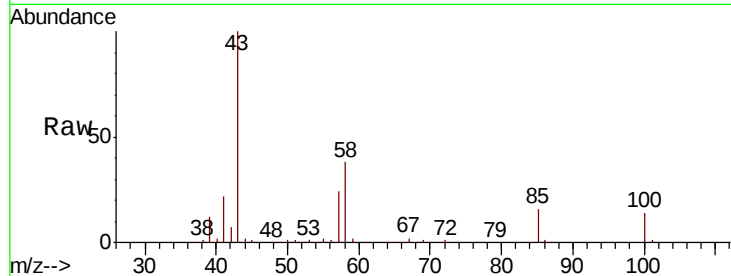
VX1029WBSD02

Tot Ion: 43 Resp: 429230

Ion Ratio Lower Upper

43 100

58 37.5 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX005535.D (-1219) (-)

8.65

300000

250000

200000

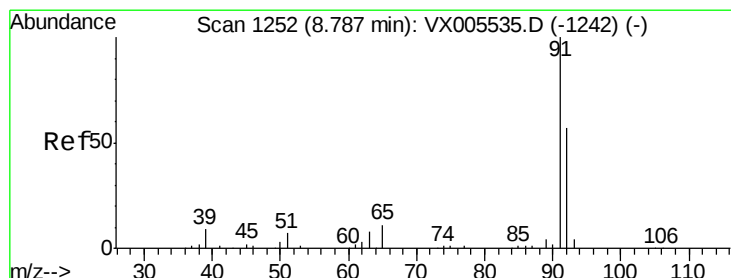
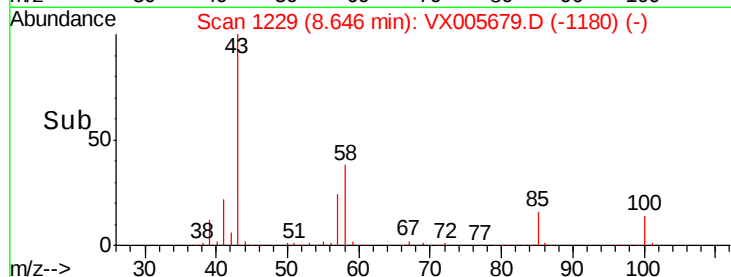
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.940 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005679.D

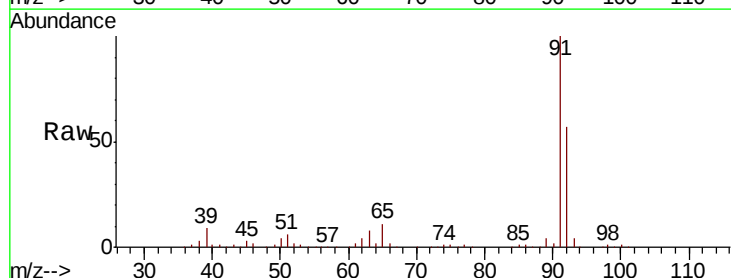
Acq: 30 Oct 2018 00:30

Tgt Ion: 92 Resp: 115495

Ion Ratio Lower Upper

92 100

91 175.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX005535.D (-1242) (-)

Ion 91.00 (90.70 to 91.70): VX005535.D (-1242) (-)

8.79

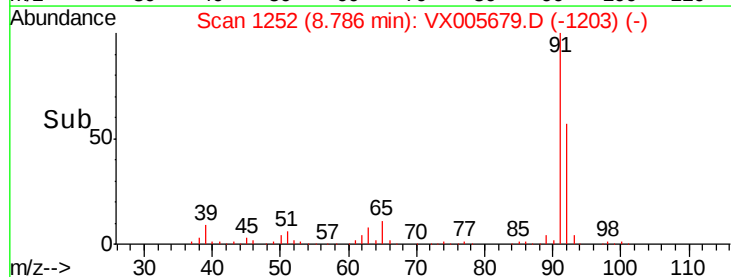
150000

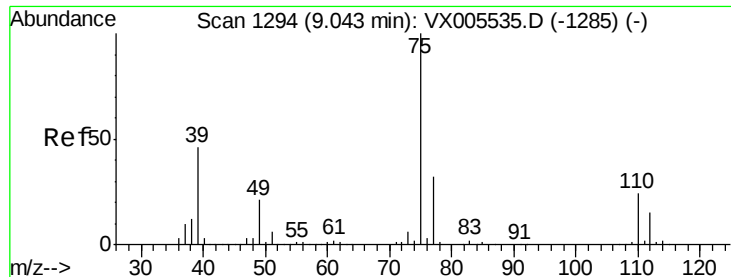
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.874 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

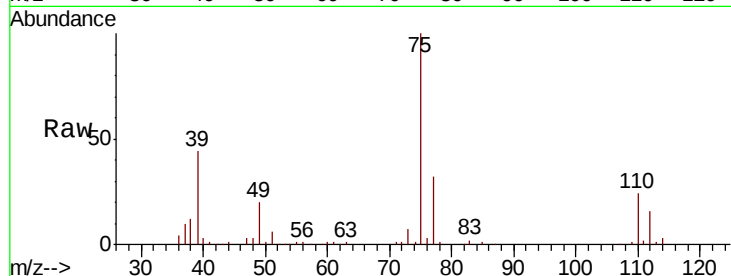
VX1029WBSD02

Tot Ion: 75 Resp: 65322

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

50000

40000

30000

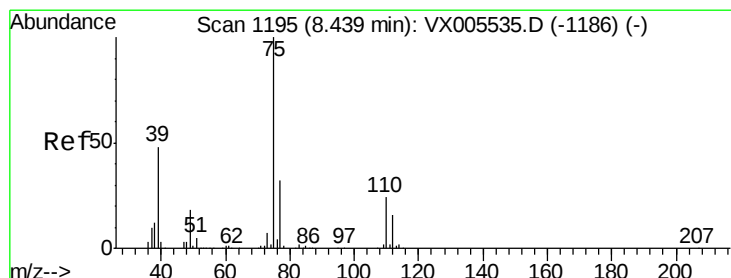
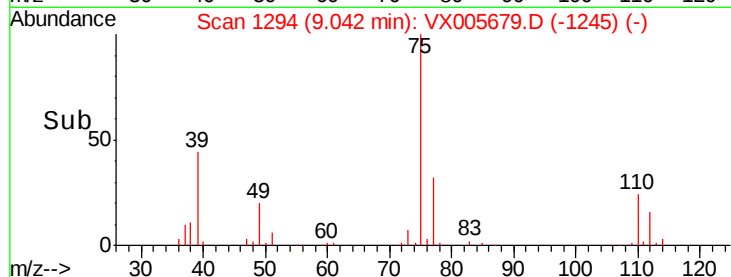
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.285 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

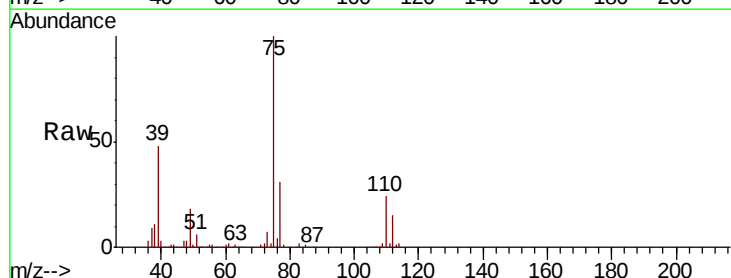
Tgt Ion: 75 Resp: 71944

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

39 47.4 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

60000

50000

40000

30000

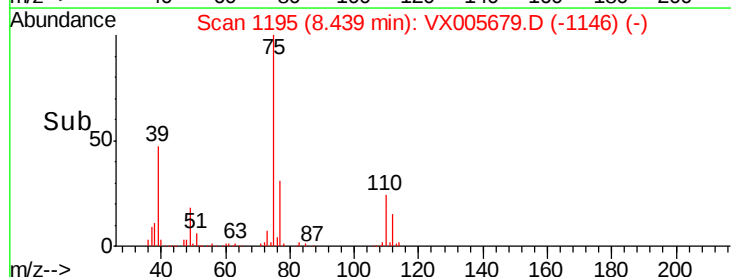
20000

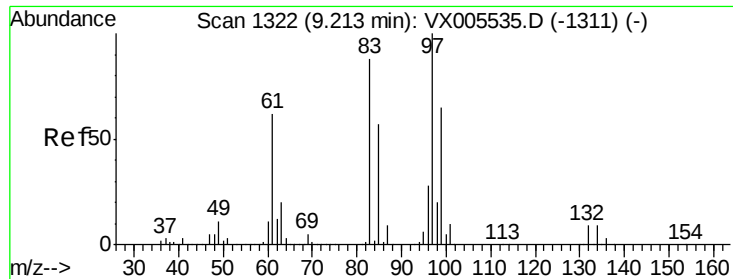
10000

0

8.40 8.50

Time-->

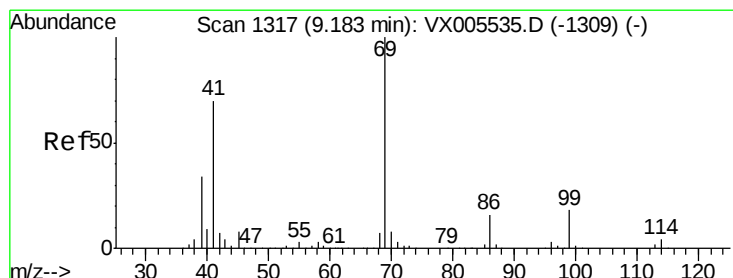
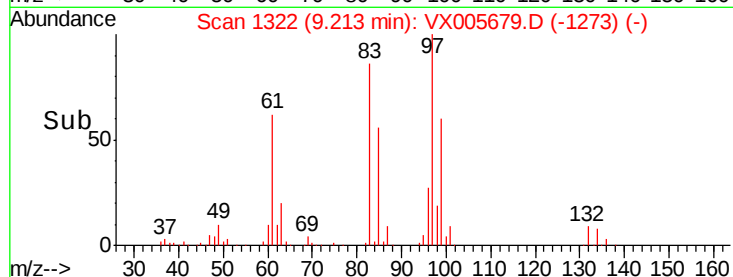
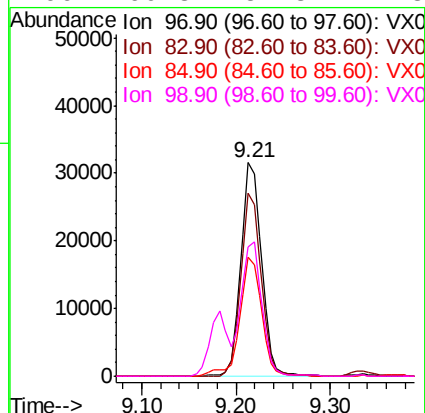
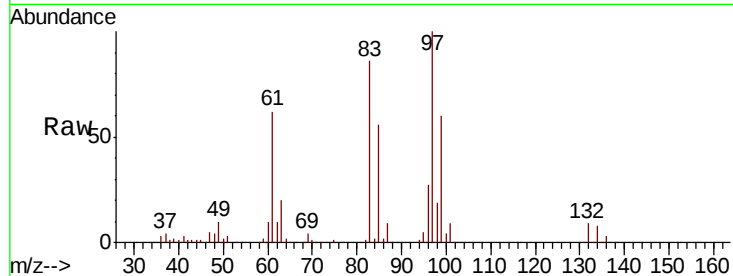




#55  
 1,1,2-Trichloroethane  
 Concen: 18.842 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

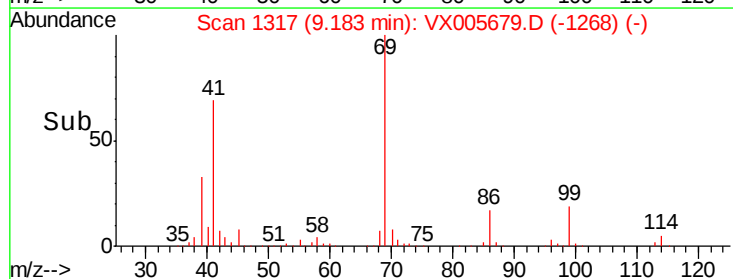
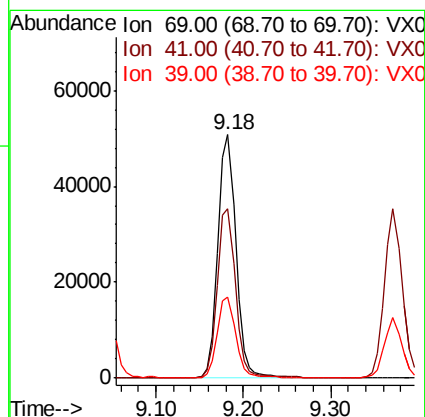
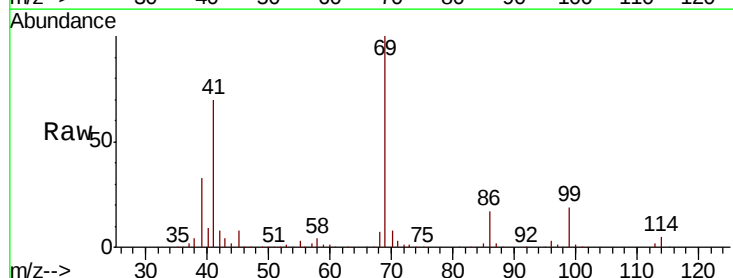
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBSD02

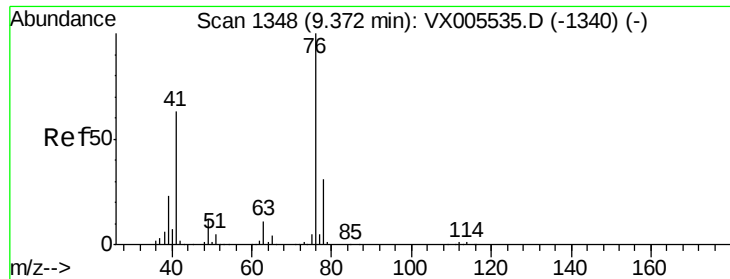
Tot Ion: 97 Resp: 48441  
 Ion Ratio Lower Upper  
 97 100  
 83 85.9 70.7 106.1  
 85 56.0 45.8 68.6  
 99 60.3 51.8 77.8



#56  
 Ethyl methacrylate  
 Concen: 19.042 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

Tgt Ion: 69 Resp: 73020  
 Ion Ratio Lower Upper  
 69 100  
 41 69.8 57.0 85.6  
 39 33.5 28.3 42.5





#57

1,3-Dichloropropane

Concen: 18.467 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

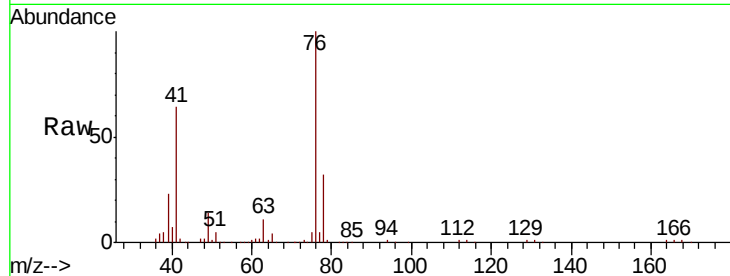
VX1029WBSD02

Tot Ion: 76 Resp: 80333

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

60000

50000

40000

30000

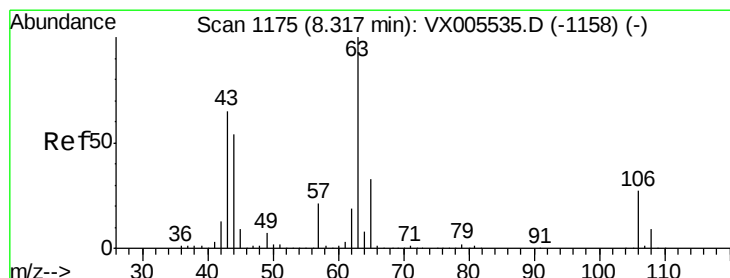
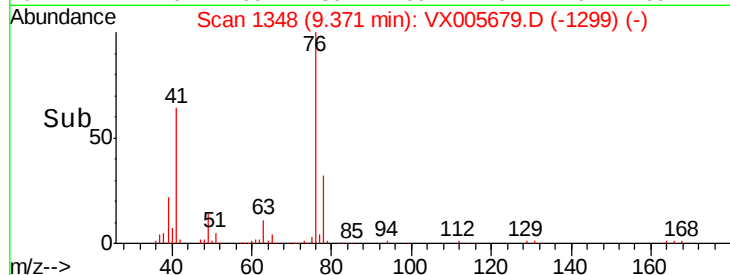
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 95.367 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005679.D

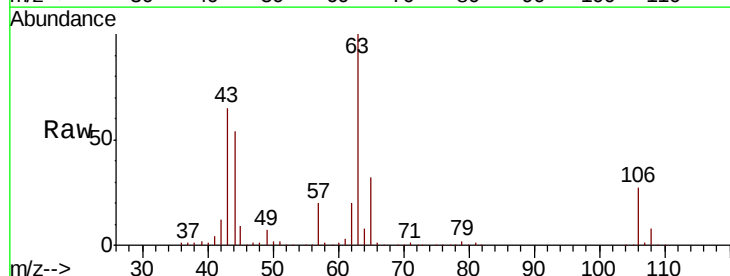
Acq: 30 Oct 2018 00:30

Tgt Ion: 63 Resp: 204247

Ion Ratio Lower Upper

63 100

106 27.0 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

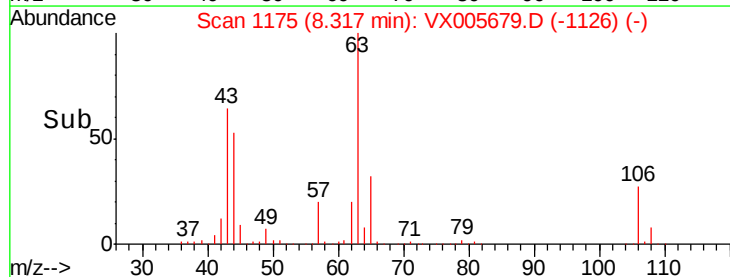
100000

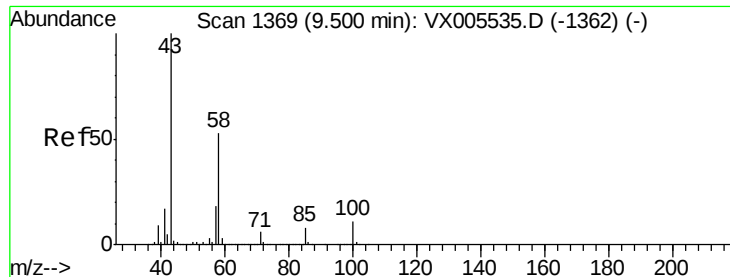
50000

0

8.20 8.30 8.40

Time-->

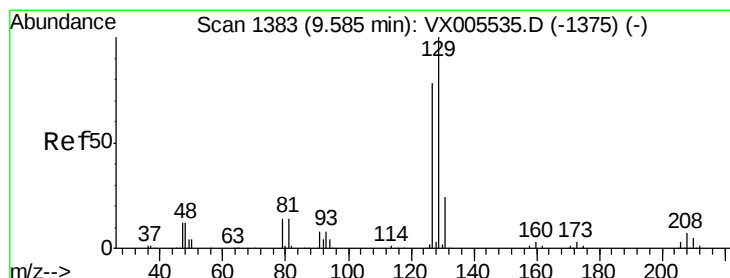
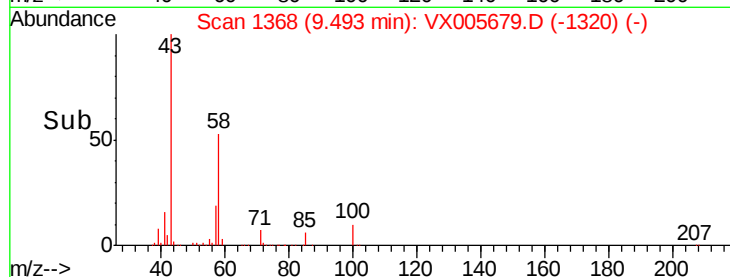
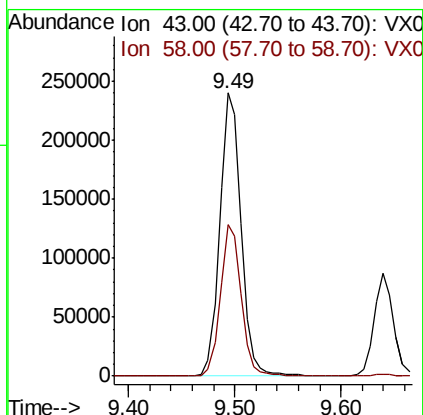
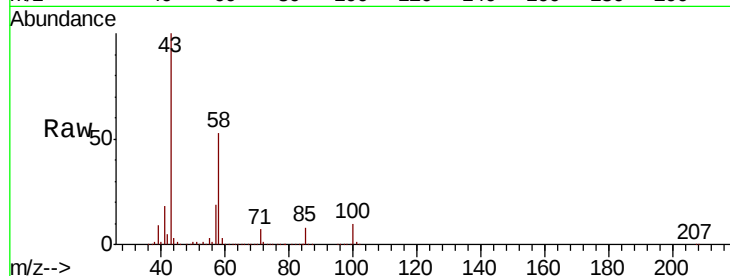




#59  
2-Hexanone  
Concen: 94.228 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

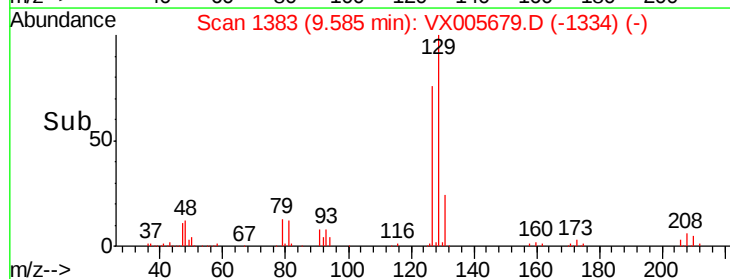
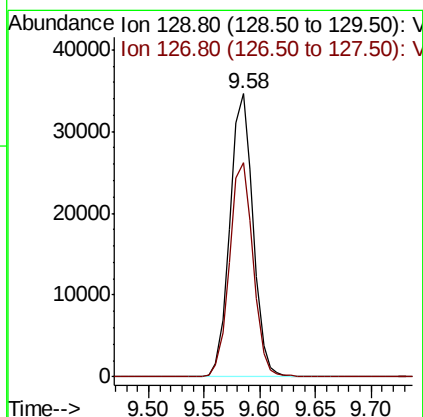
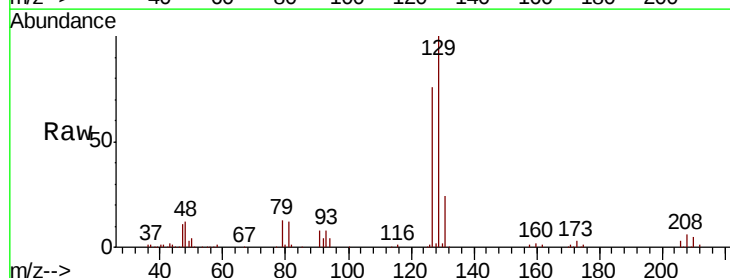
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

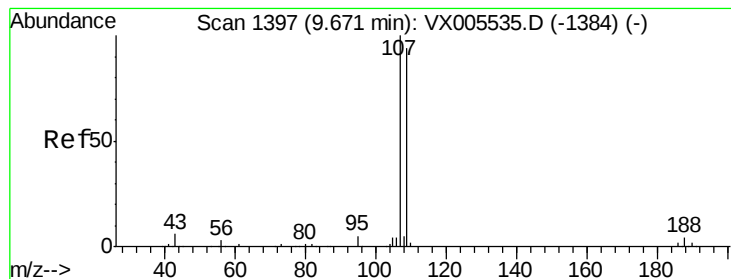
Tot Ion: 43 Resp: 334181  
Ion Ratio Lower Upper  
43 100  
58 52.7 25.9 77.8



#60  
Dibromochloromethane  
Concen: 18.640 ug/l  
RT: 9.58 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion: 129 Resp: 49998  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.066 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

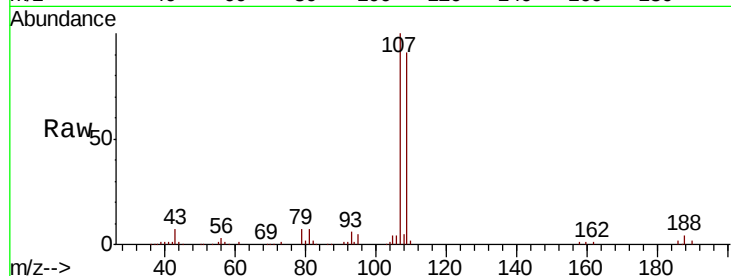
VX1029WBSD02

Tot Ion:107 Resp: 50709

Ion Ratio Lower Upper

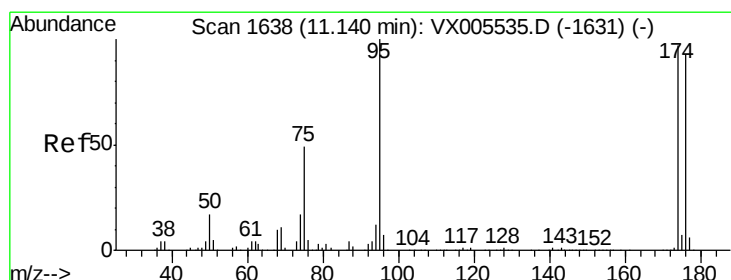
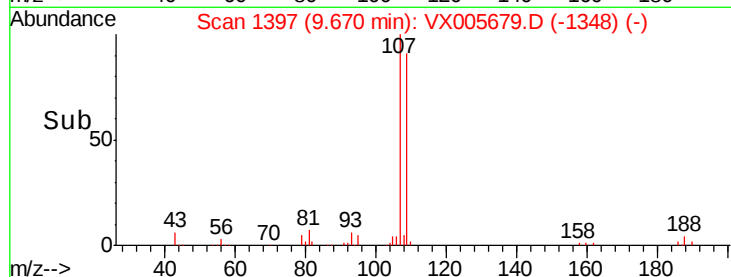
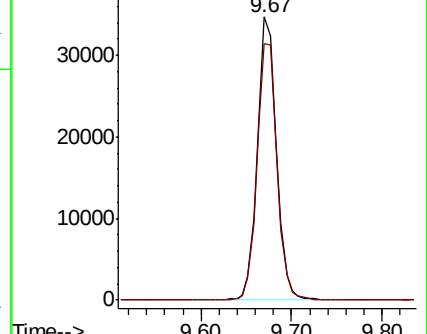
107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.189 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

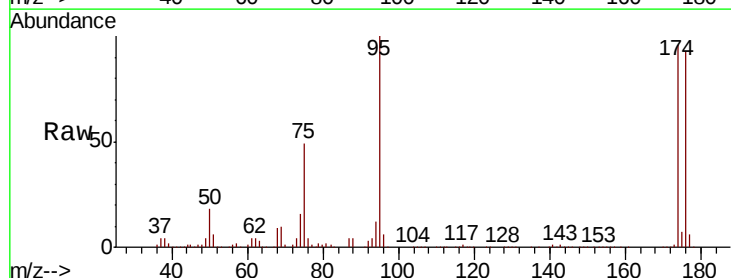
Tgt Ion: 95 Resp: 153062

Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.4

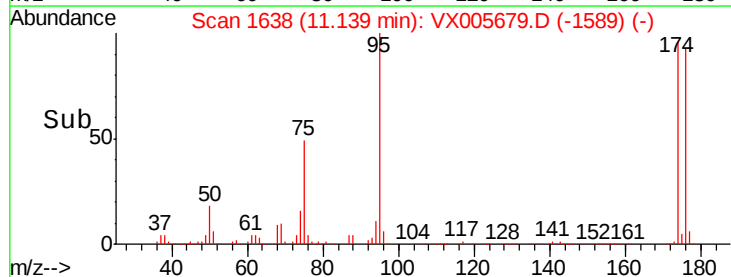
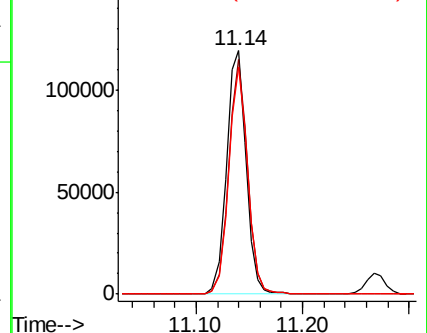
176 90.6 0.0 177.4

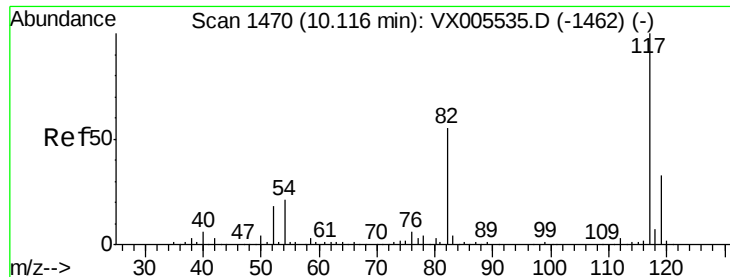


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

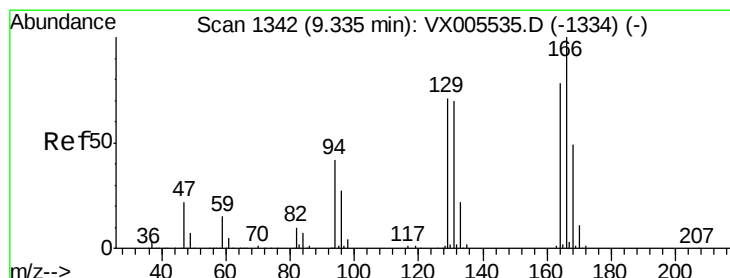
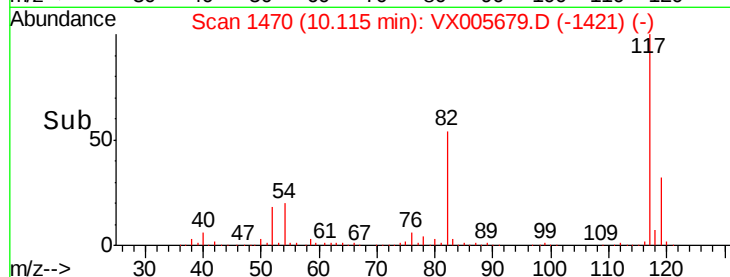
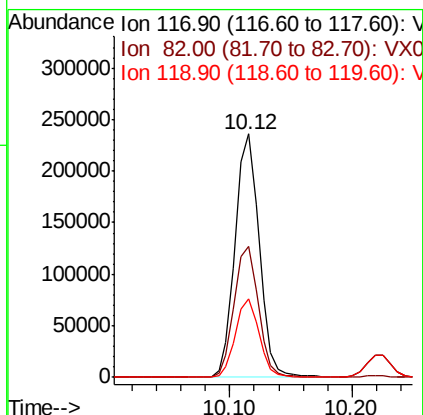
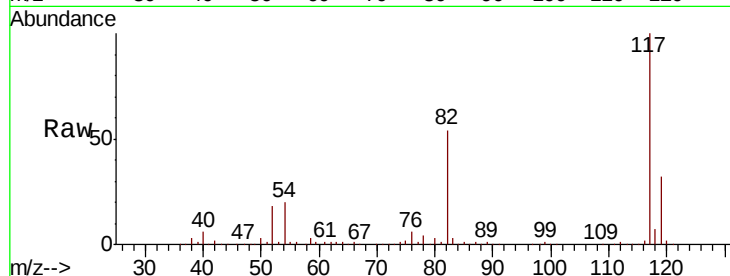




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

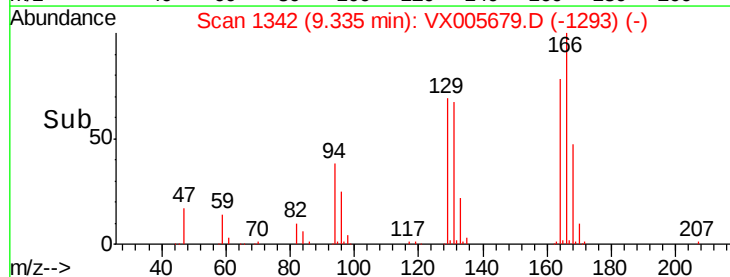
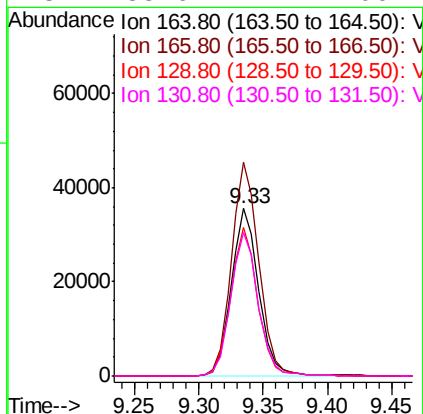
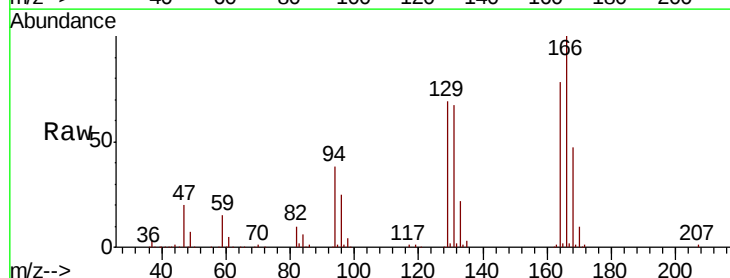
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

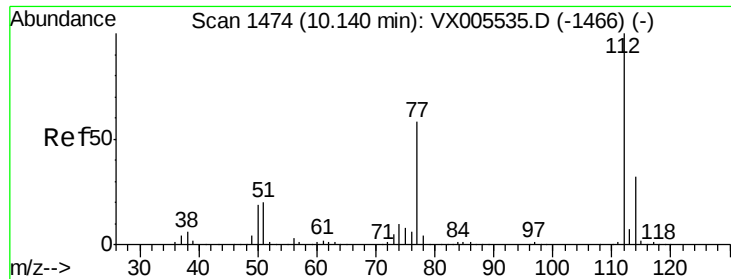
Tot Ion:117 Resp: 322275  
Ion Ratio Lower Upper  
117 100  
82 53.9 44.1 66.1  
119 32.1 26.2 39.2



#64  
Tetrachloroethene  
Concen: 19.708 ug/l  
RT: 9.33 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion:164 Resp: 52726  
Ion Ratio Lower Upper  
164 100  
166 127.7 101.9 152.9  
129 88.4 72.6 109.0  
131 85.6 71.1 106.7

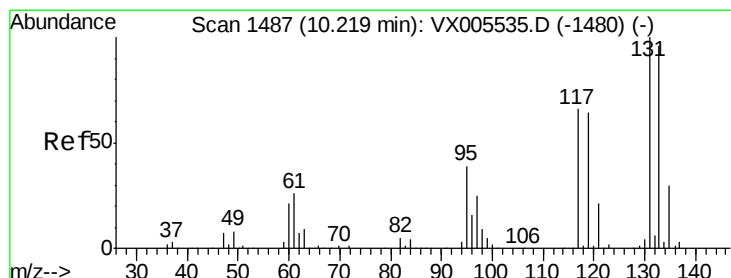
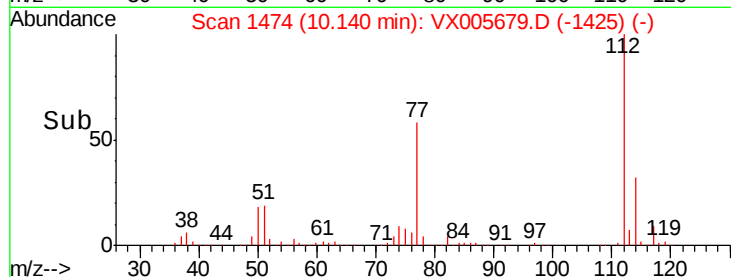
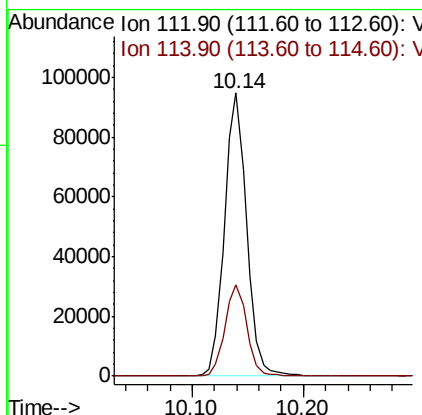
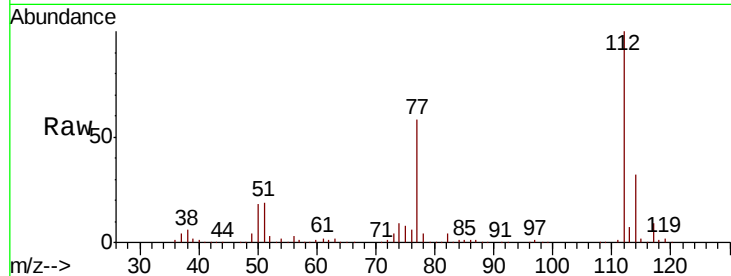




#65  
Chlorobenzene  
Concen: 18.994 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

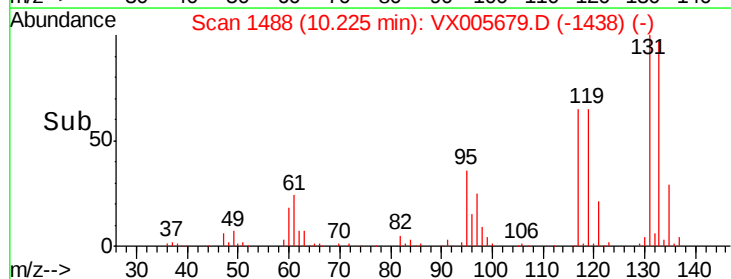
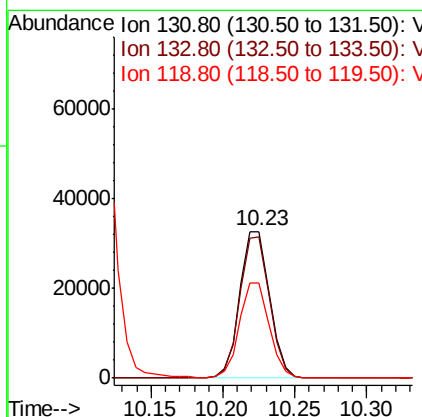
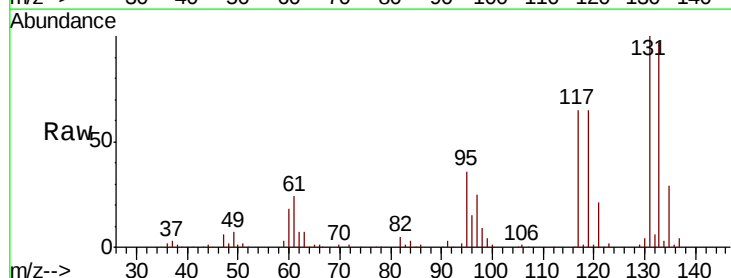
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

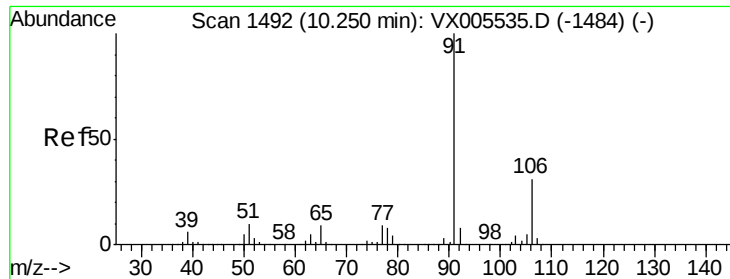
Tot Ion:112 Resp: 130349  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.869 ug/l  
RT: 10.23 min Scan# 1488  
Delta R.T. 0.01 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion:131 Resp: 47216  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.5 142.5  
119 65.2 31.8 95.3

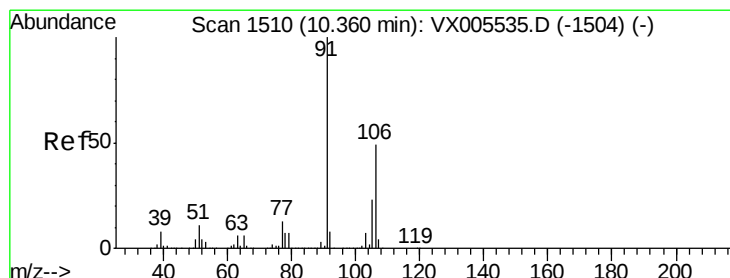
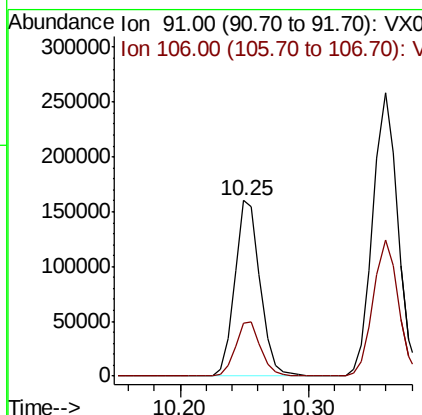
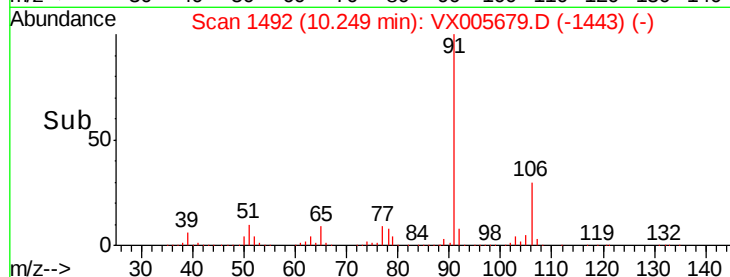
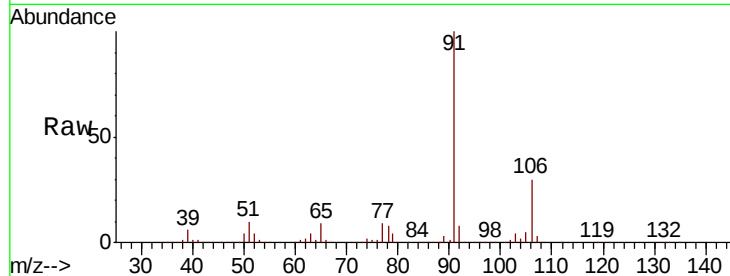




#67  
Ethyl Benzene  
Concen: 19.457 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

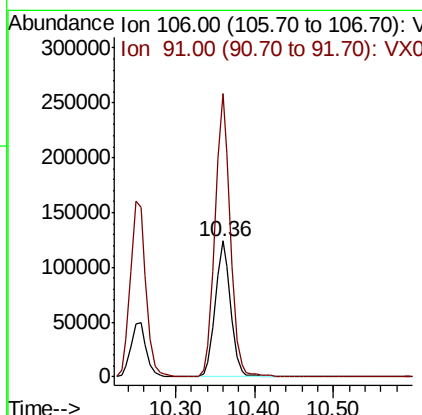
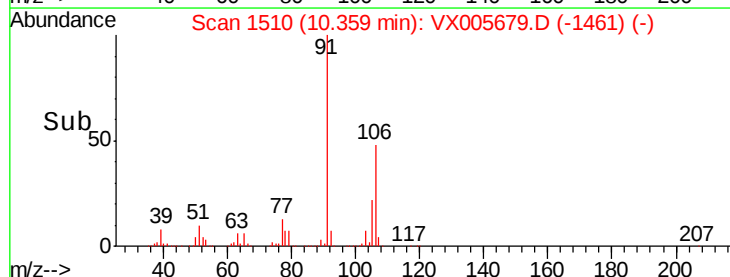
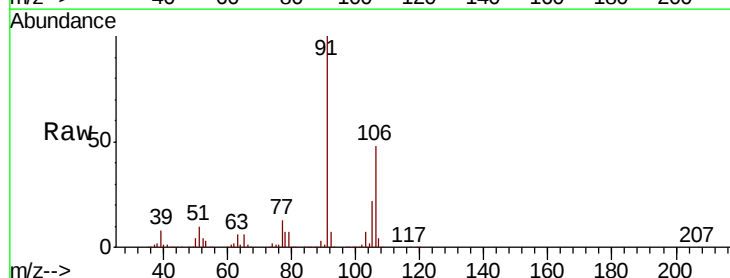
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

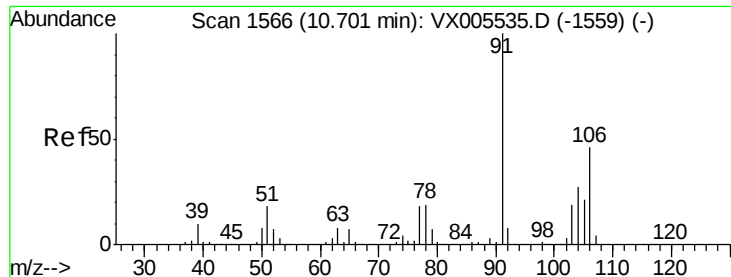
Tot Ion: 91 Resp: 219687  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.4 36.6



#68  
m/p-Xylenes  
Concen: 38.519 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion: 106 Resp: 168737  
Ion Ratio Lower Upper  
106 100  
91 206.7 164.2 246.4

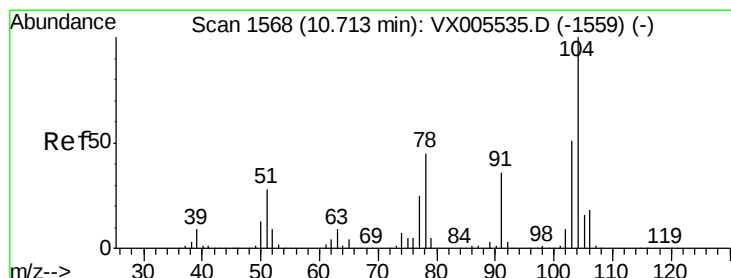
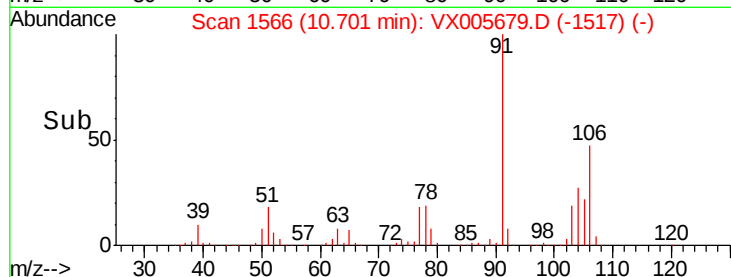
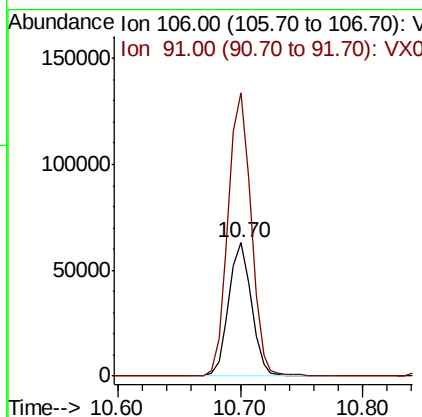
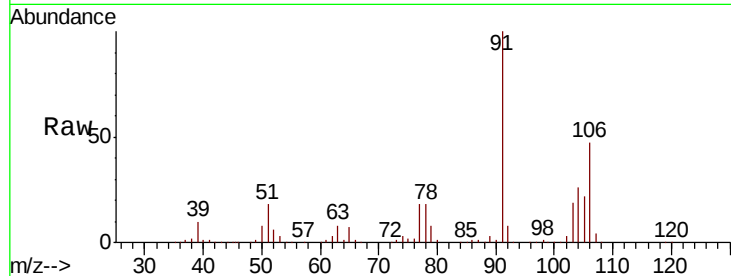




#69  
o-Xylene  
Concen: 19.581 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

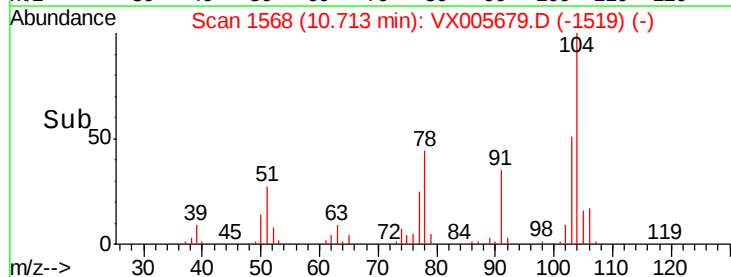
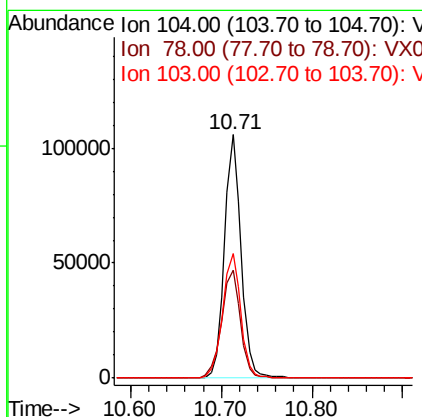
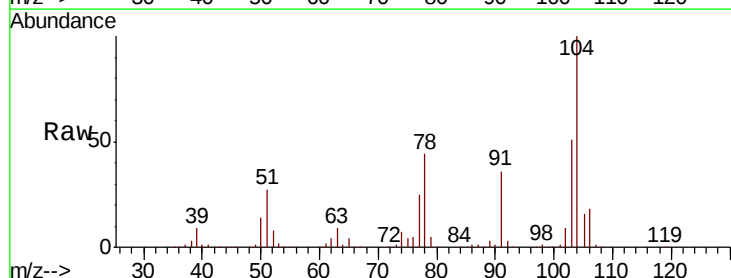
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

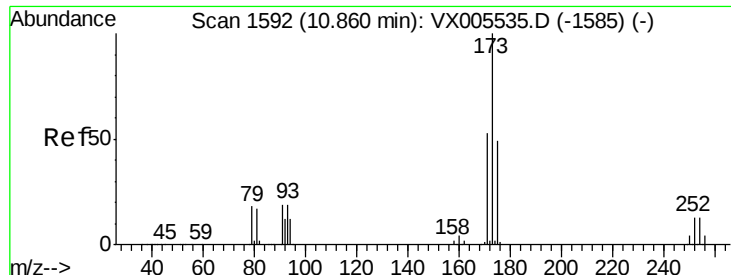
Tot Ion:106 Resp: 80698  
Ion Ratio Lower Upper  
106 100  
91 217.1 108.5 325.5



#70  
Styrene  
Concen: 19.614 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion:104 Resp: 135321  
Ion Ratio Lower Upper  
104 100  
78 50.4 40.2 60.4  
103 56.5 44.9 67.3





#71

Bromoform

Concen: 17.837 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

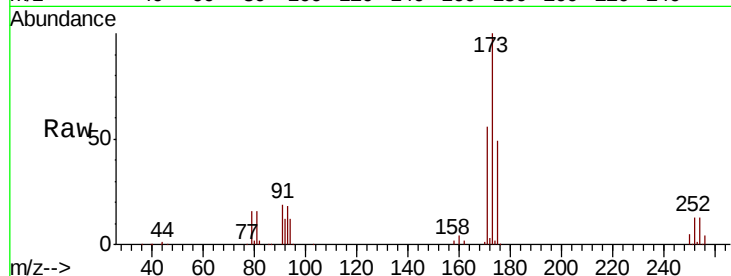
Tot Ion:173 Resp: 39829

Ion Ratio Lower Upper

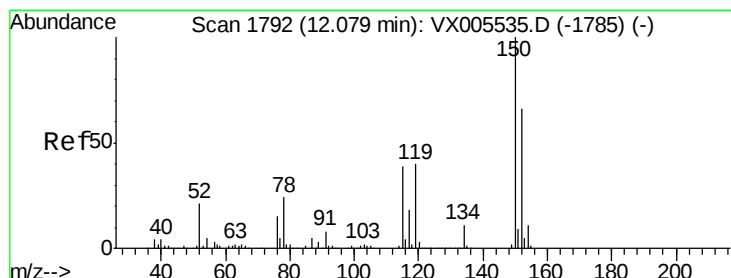
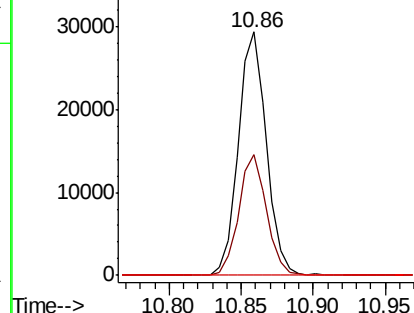
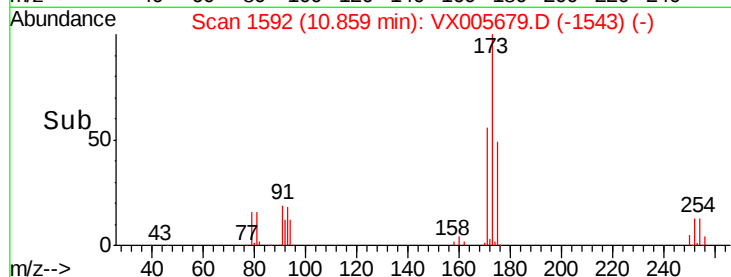
173 100

175 48.8 24.8 74.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

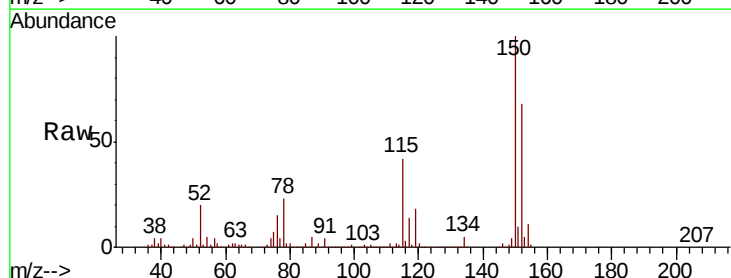
Tgt Ion:152 Resp: 213002

Ion Ratio Lower Upper

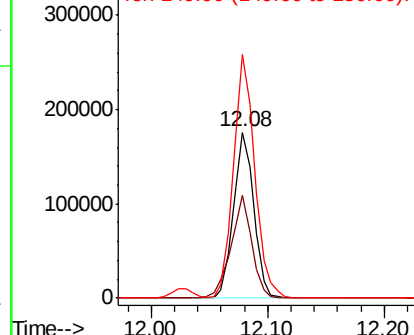
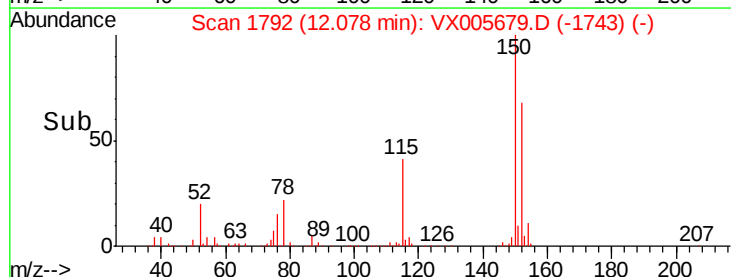
152 100

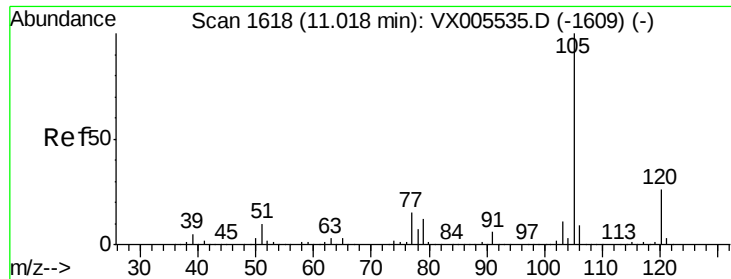
115 63.6 39.4 118.1

150 155.0 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.288 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

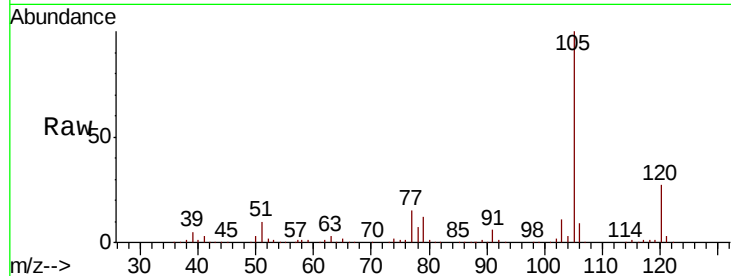
VX1029WBSD02

Tot Ion:105 Resp: 225102

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

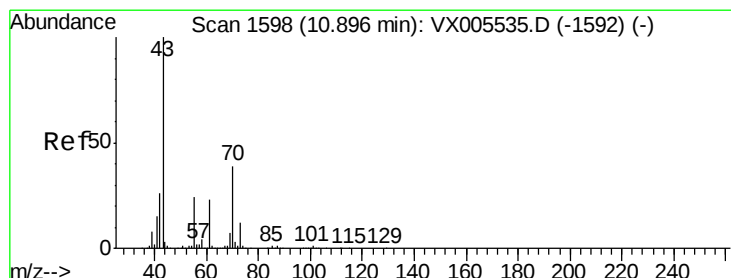
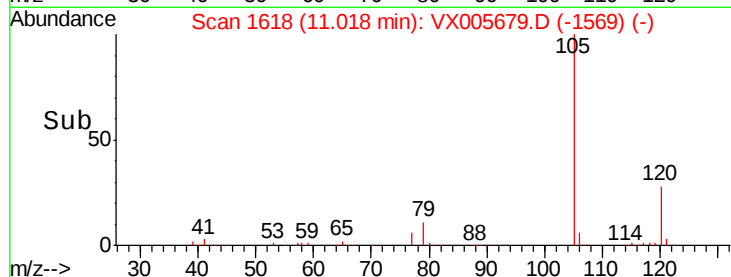
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.255 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Tgt Ion: 43 Resp: 104874

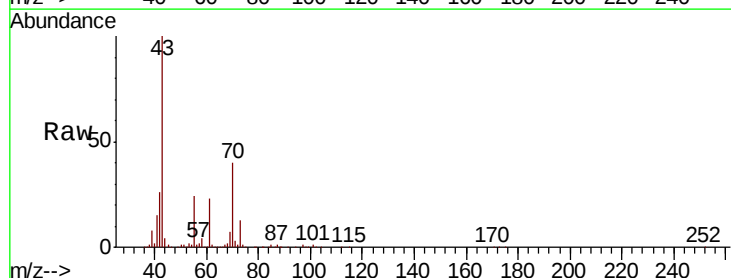
Ion Ratio Lower Upper

43 100

70 40.3 31.6 47.4

55 25.2 19.7 29.5

61 23.4 18.3 27.5



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

120000

100000

80000

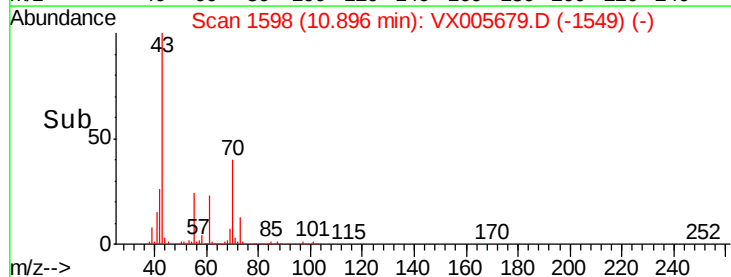
60000

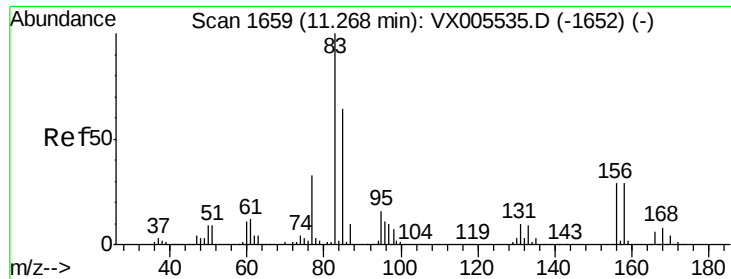
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.021 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

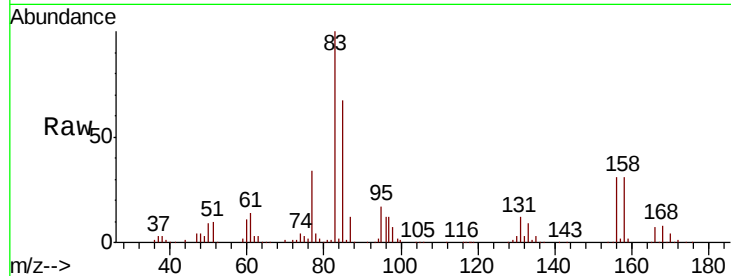
Tot Ion: 83 Resp: 81762

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

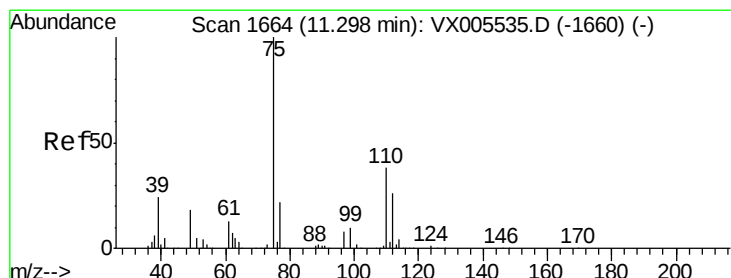
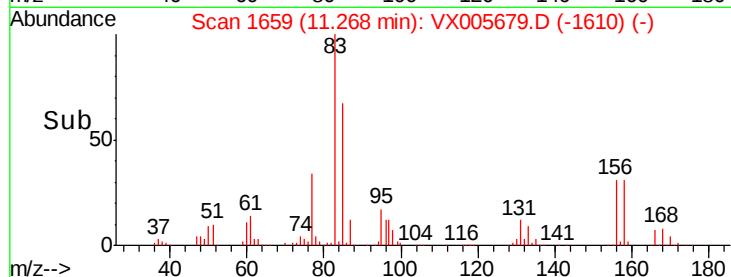
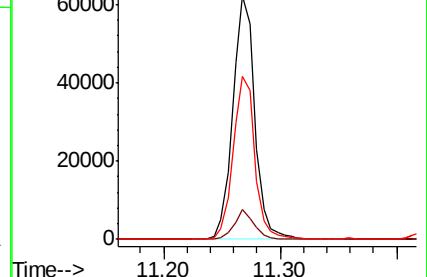
85 66.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX005535.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005535.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005535.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 20.849 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005679.D

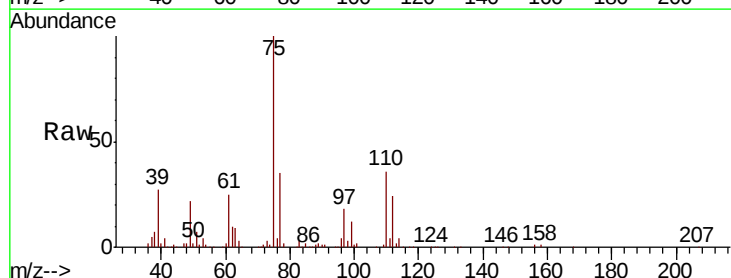
Acq: 30 Oct 2018 00:30

Tgt Ion: 75 Resp: 94092

Ion Ratio Lower Upper

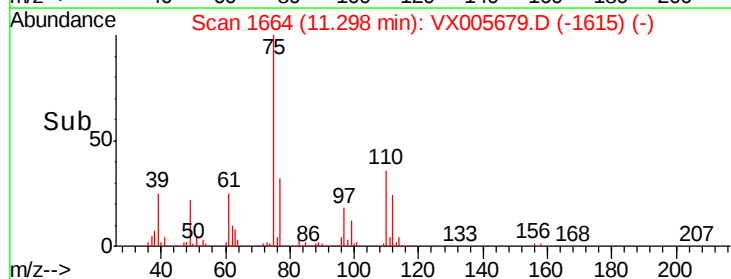
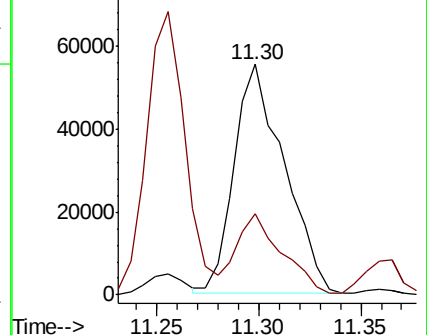
75 100

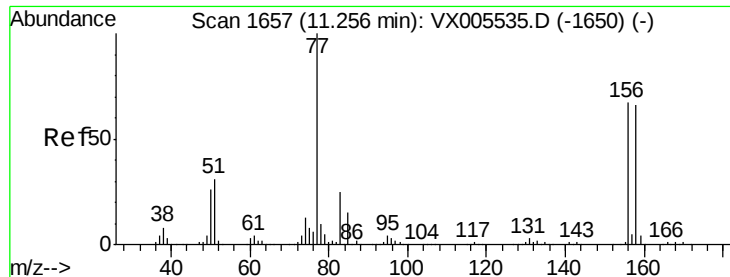
77 32.1 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX005535.D (-1660) (-)

Ion 77.00 (76.70 to 77.70): VX005535.D (-1660) (-)





#77

Bromobenzene

Concen: 17.002 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

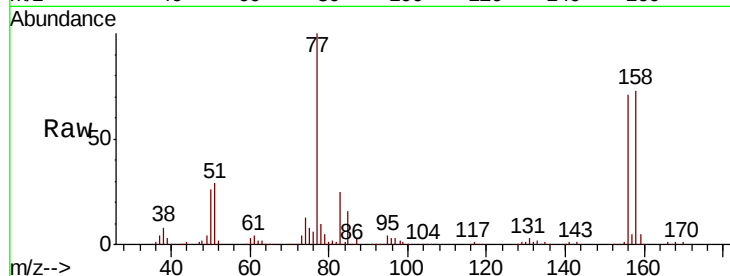
Tot Ion:156 Resp: 61694

Ion Ratio Lower Upper

156 100

77 145.7 74.8 224.4

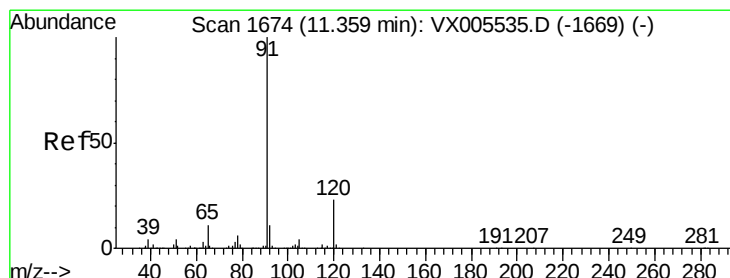
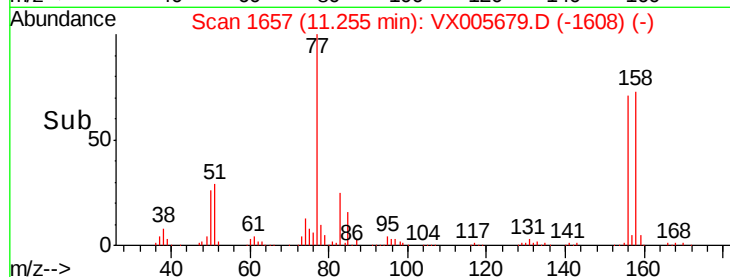
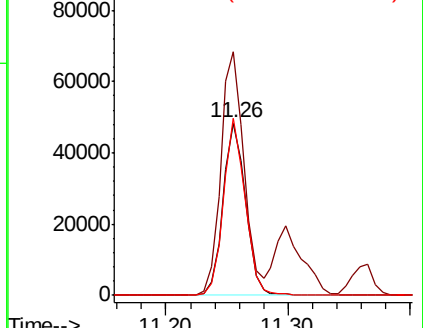
158 98.7 49.1 147.3



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: 17.417 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005679.D

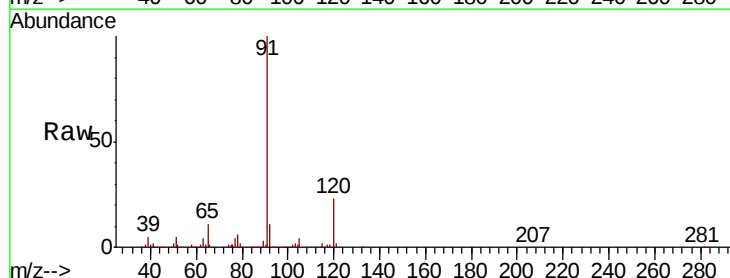
Acq: 30 Oct 2018 00:30

Tgt Ion: 91 Resp: 259307

Ion Ratio Lower Upper

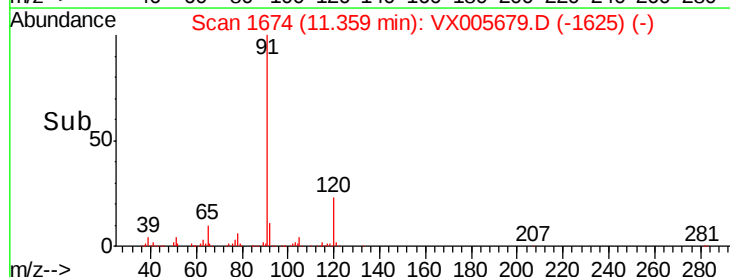
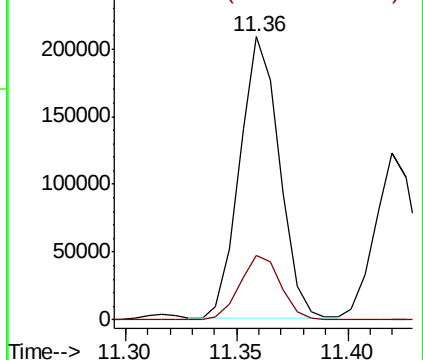
91 100

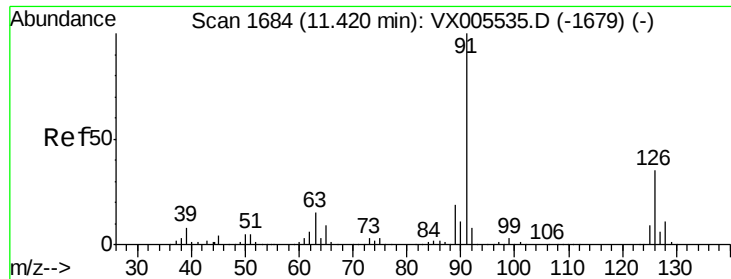
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

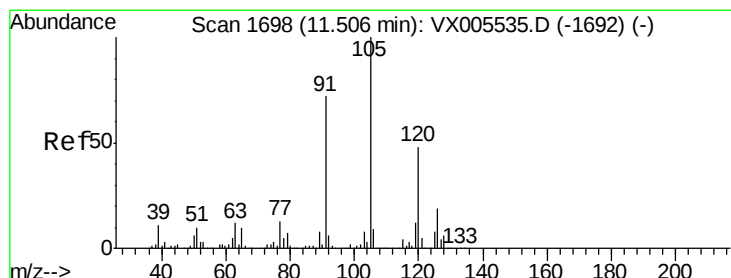
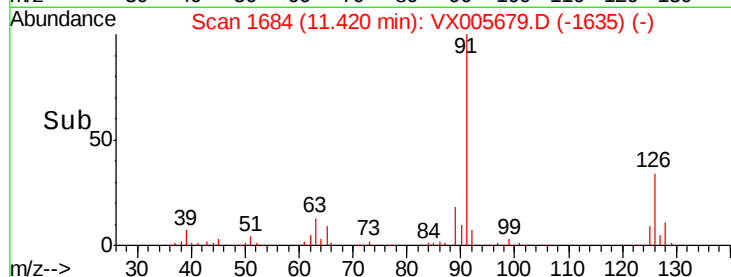
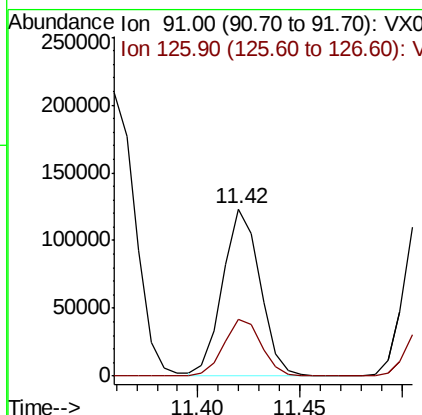
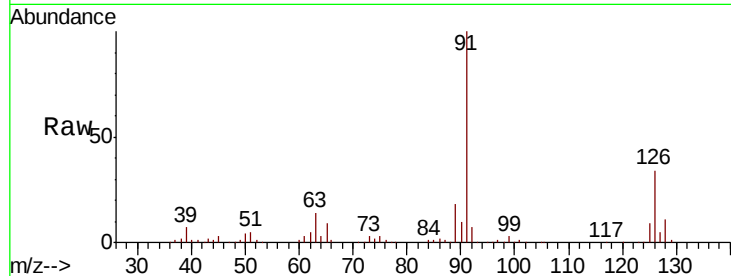




#79  
 2-Chlorotoluene  
 Concen: 16.792 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

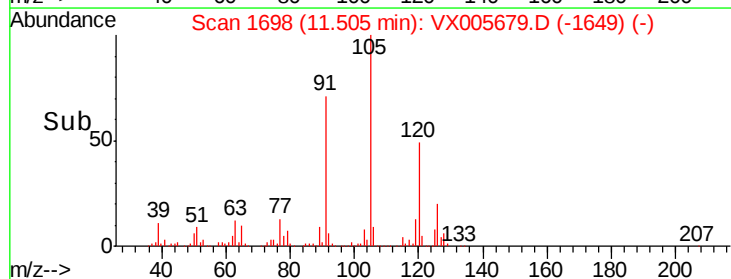
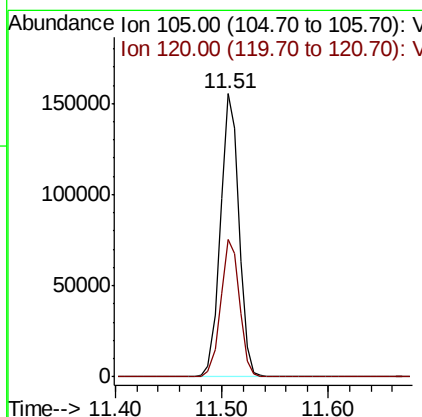
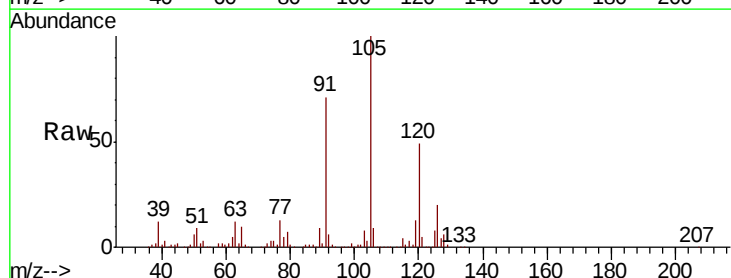
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBSD02

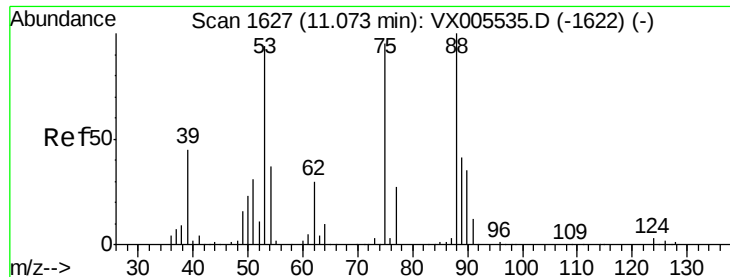
Tot Ion: 91 Resp: 155013  
 Ion Ratio Lower Upper  
 91 100  
 126 34.5 17.3 52.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 16.949 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

Tgt Ion: 105 Resp: 188788  
 Ion Ratio Lower Upper  
 105 100  
 120 49.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.546 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

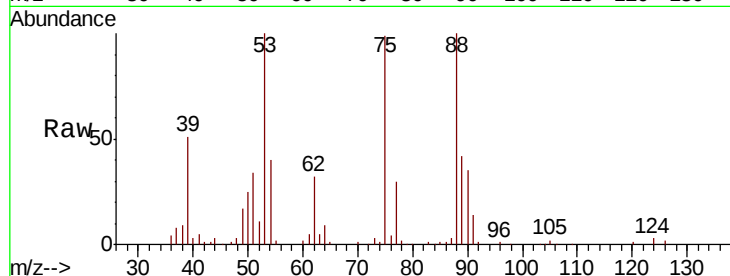
Tot Ion: 75 Resp: 21472

Ion Ratio Lower Upper

75 100

53 98.8 80.2 120.2

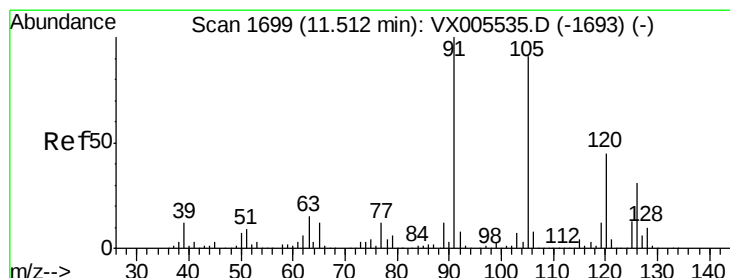
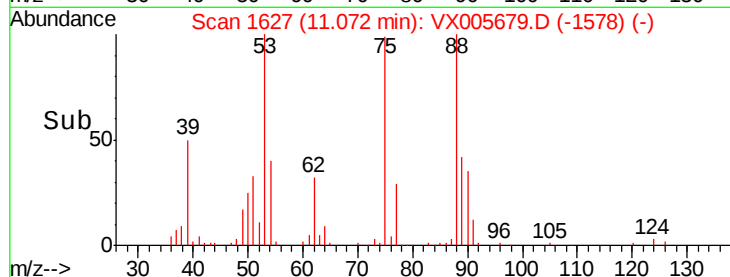
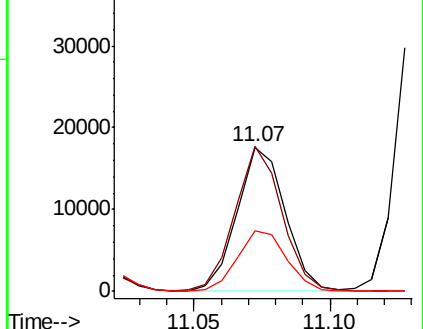
89 43.6 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 16.795 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005679.D

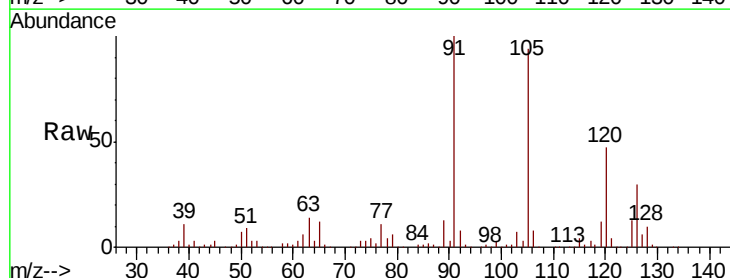
Acq: 30 Oct 2018 00:30

Tgt Ion: 91 Resp: 182820

Ion Ratio Lower Upper

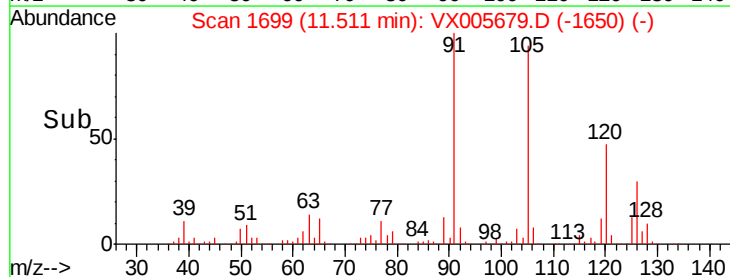
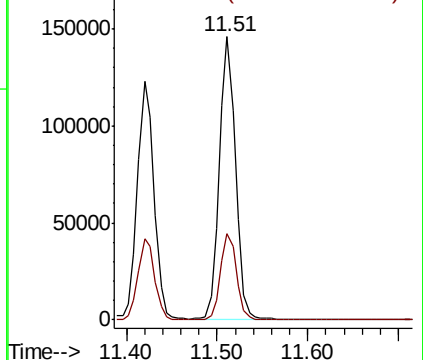
91 100

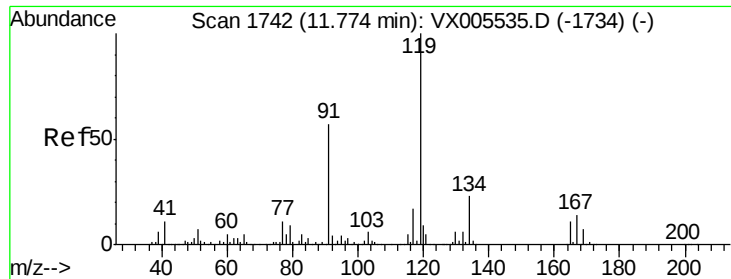
126 30.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

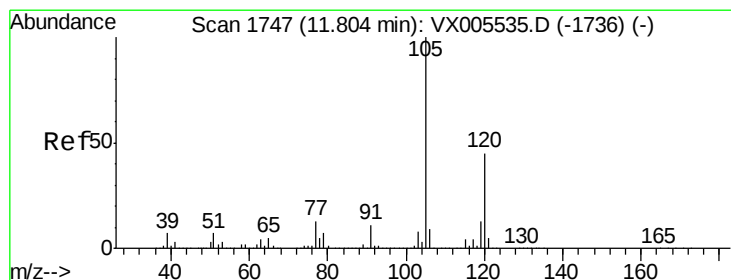
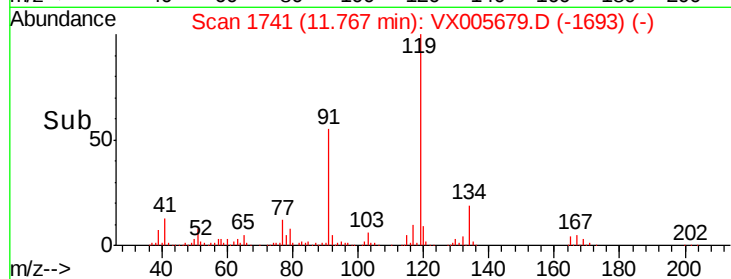
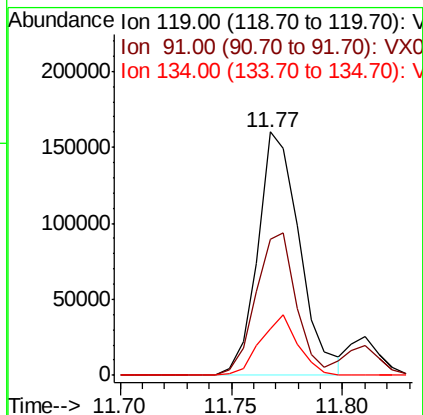
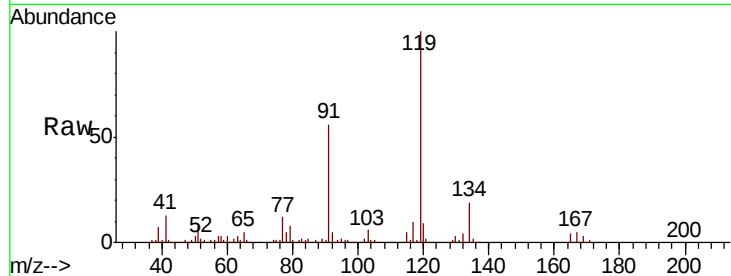




#83  
tert-Butylbenzene  
Concen: 18.865 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.01 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

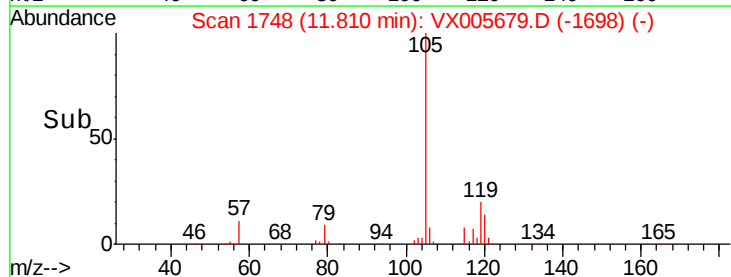
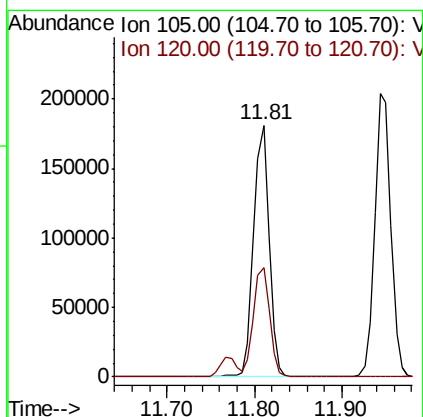
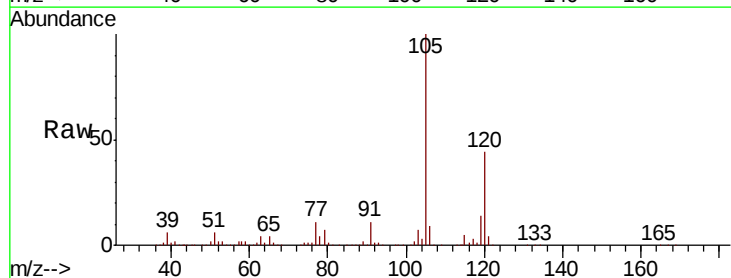
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

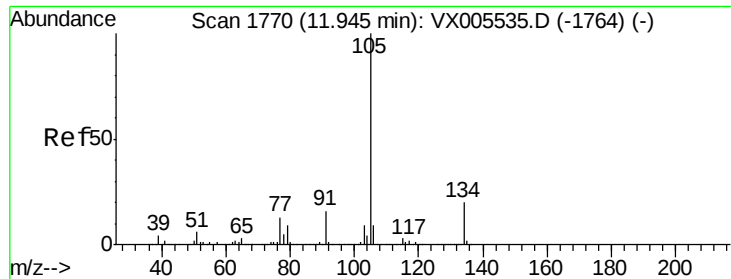
Tot Ion:119 Resp: 209449  
Ion Ratio Lower Upper  
119 100  
91 56.4 28.5 85.5  
134 22.5 11.3 33.8



#84  
1,2,4-Trimethylbenzene  
Concen: 19.615 ug/l  
RT: 11.81 min Scan# 1748  
Delta R.T. 0.01 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion:105 Resp: 221431  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.4 67.0





#85

sec-Butylbenzene

Concen: 19.793 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

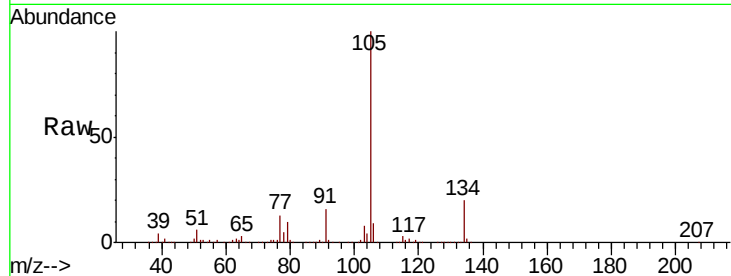
VX1029WBSD02

Tot Ion:105 Resp: 262229

Ion Ratio Lower Upper

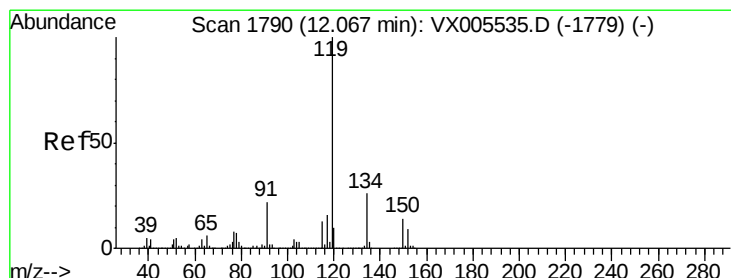
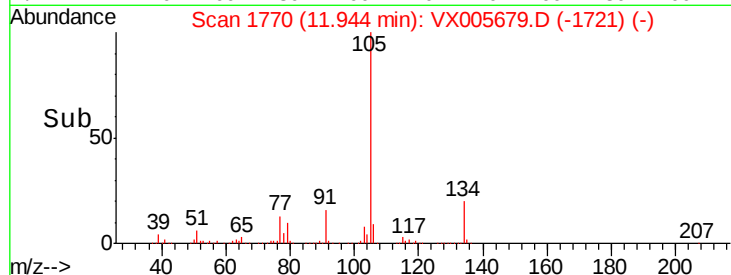
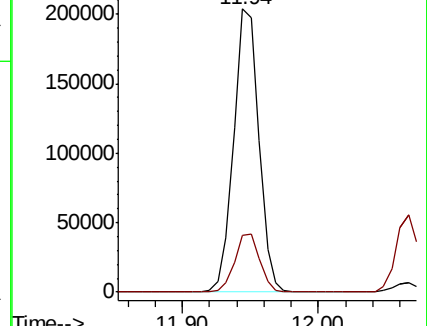
105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.993 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

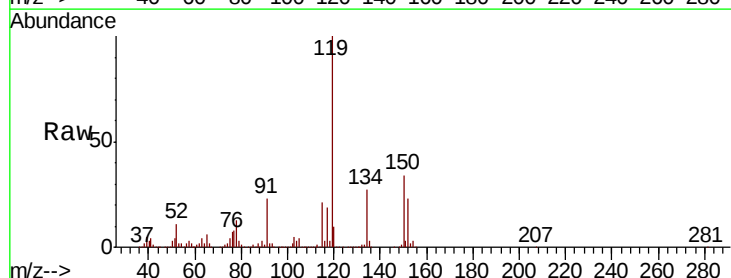
Tgt Ion:119 Resp: 236783

Ion Ratio Lower Upper

119 100

134 27.4 13.0 39.0

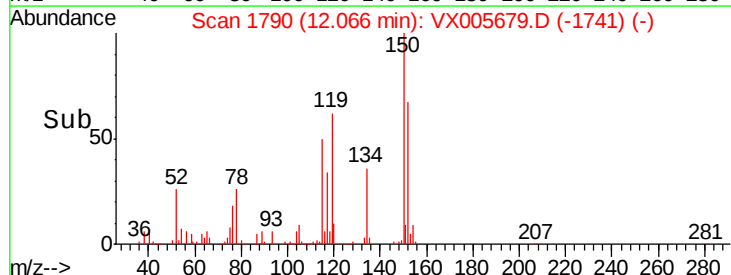
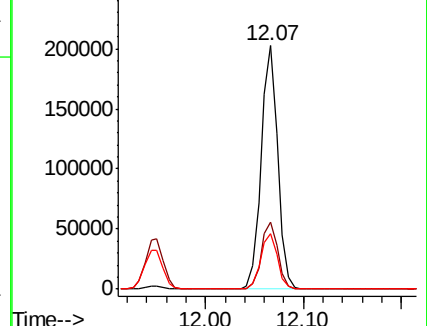
91 23.3 11.4 34.2

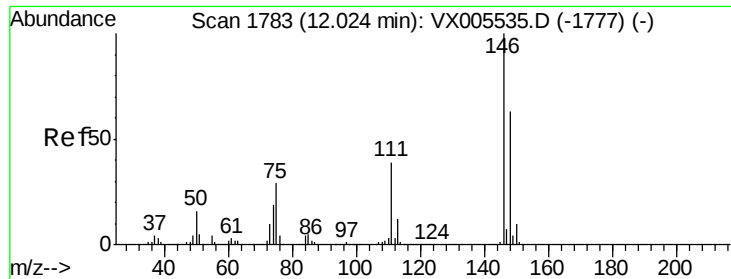


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.175 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

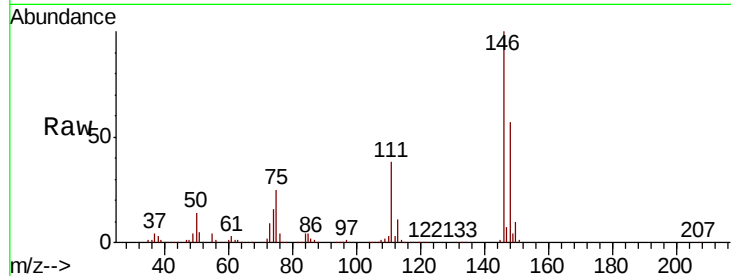
Tot Ion:146 Resp: 137664

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

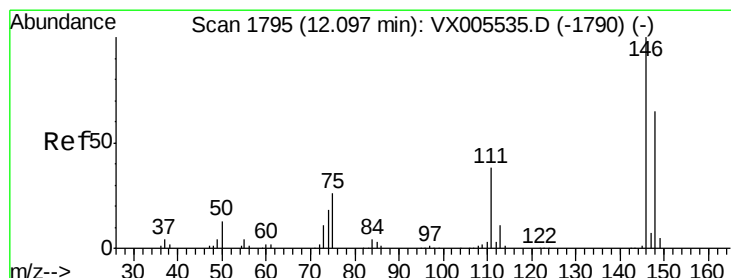
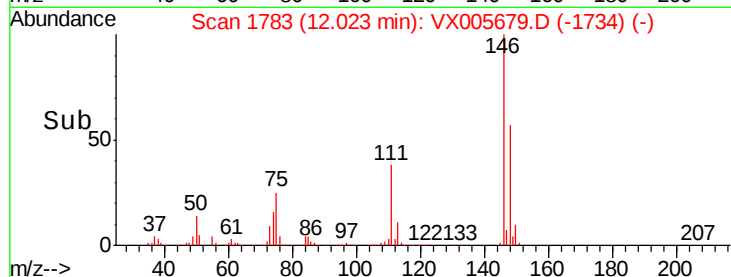
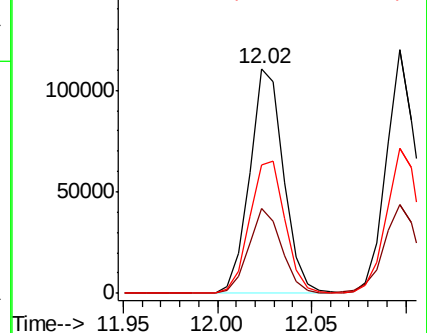
148 61.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.334 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

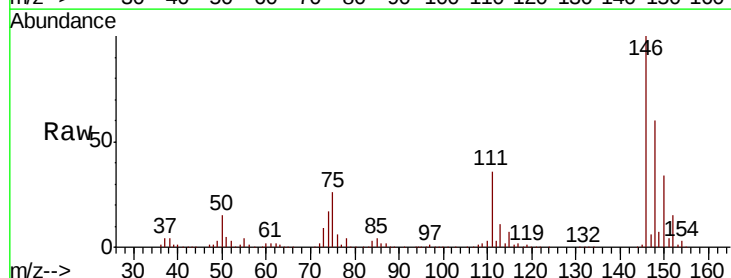
Tgt Ion:146 Resp: 137713

Ion Ratio Lower Upper

146 100

111 39.5 18.6 55.8

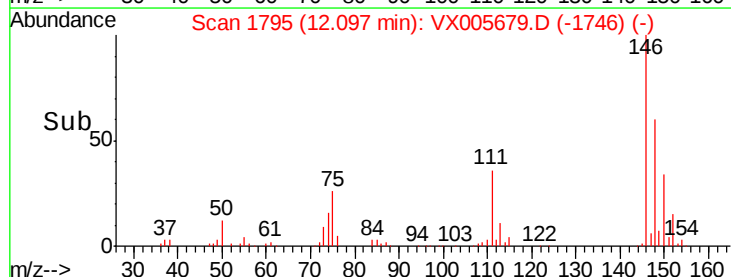
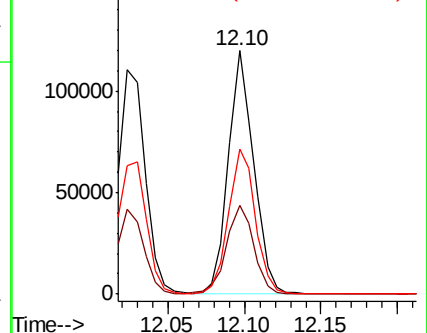
148 63.4 32.1 96.3

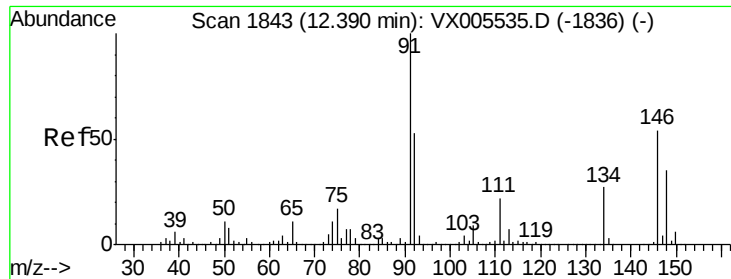


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

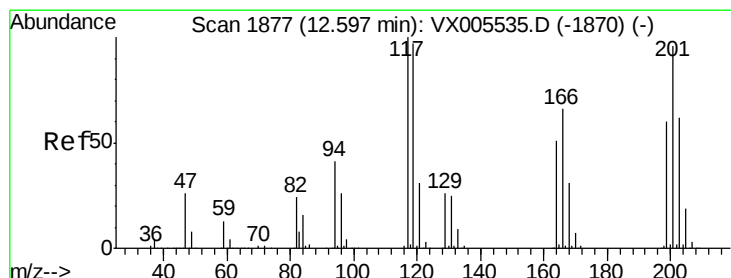
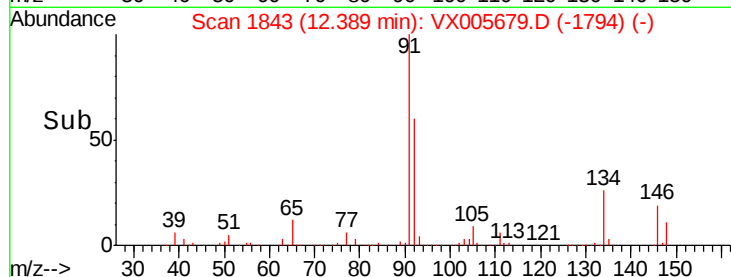
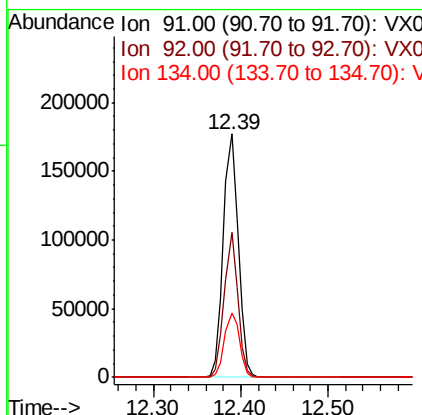
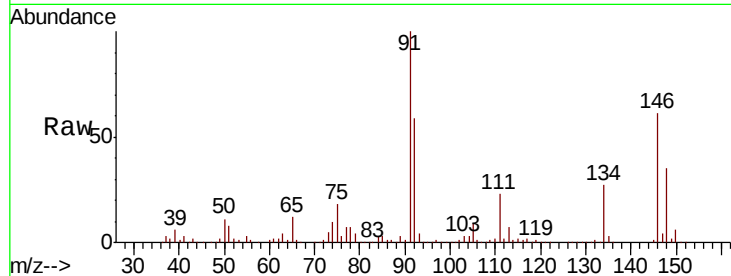




#89  
n-Butylbenzene  
Concen: 19.515 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

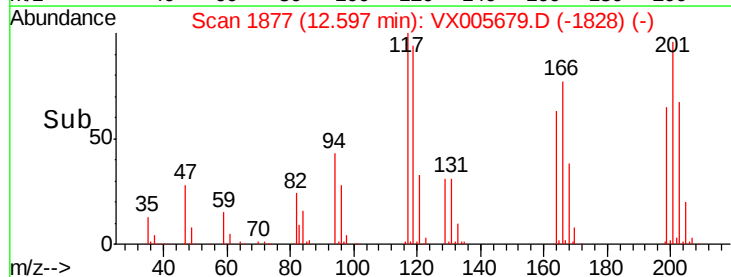
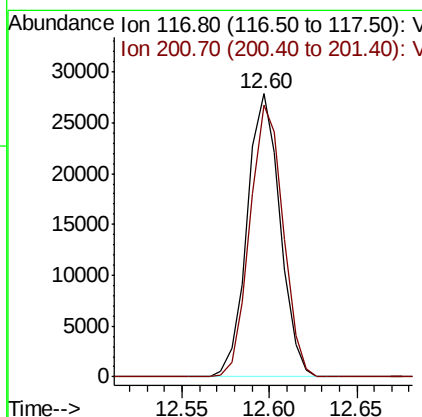
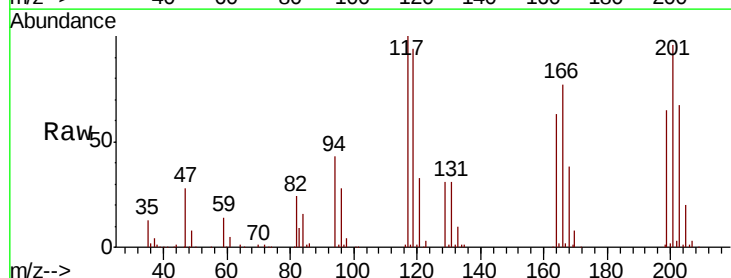
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD02

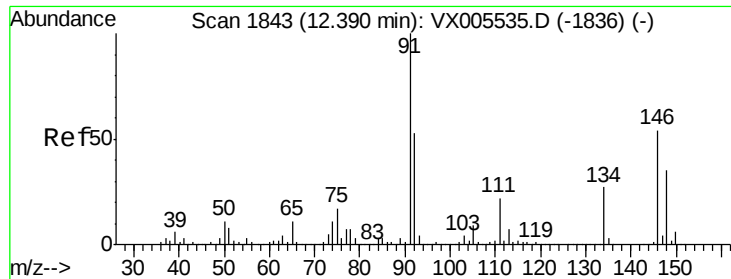
Tot Ion: 91 Resp: 208654  
Ion Ratio Lower Upper  
91 100  
92 54.2 26.1 78.2  
134 26.6 13.1 39.3



#90  
Hexachloroethane  
Concen: 17.843 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX005679.D  
Acq: 30 Oct 2018 00:30

Tgt Ion: 117 Resp: 36447  
Ion Ratio Lower Upper  
117 100  
201 96.9 47.9 143.6

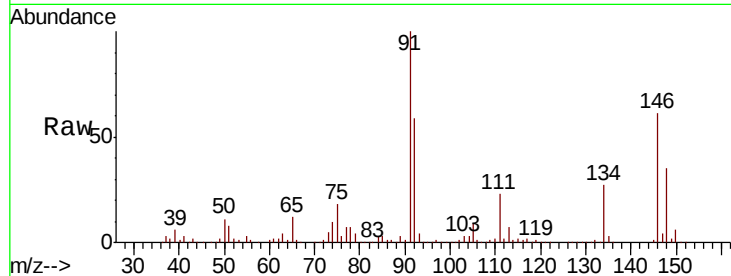




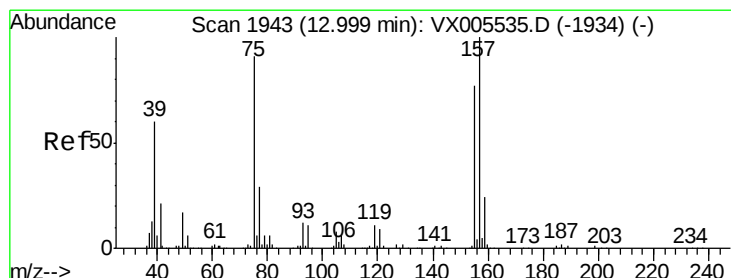
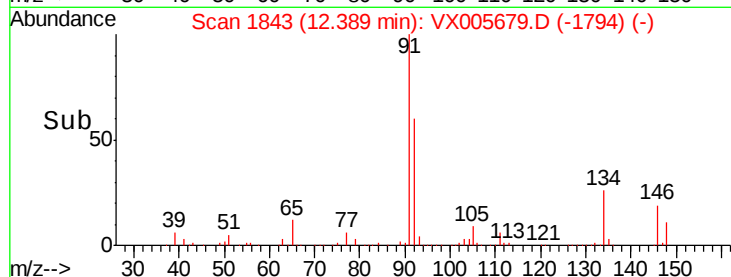
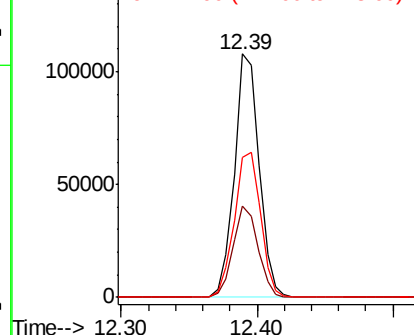
#91  
 1,2-Dichlorobenzene  
 Concen: 19.761 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBSD02

Tot Ion:146 Resp: 136423  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 20.0 59.9  
 148 63.4 32.2 96.6

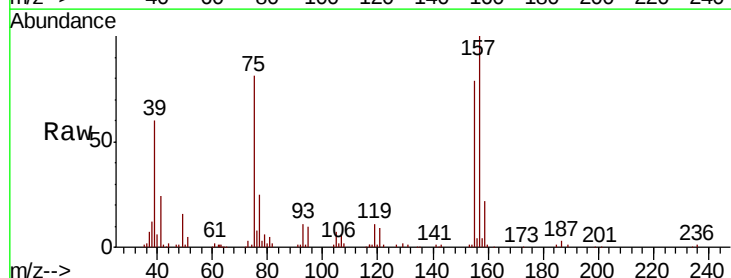


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

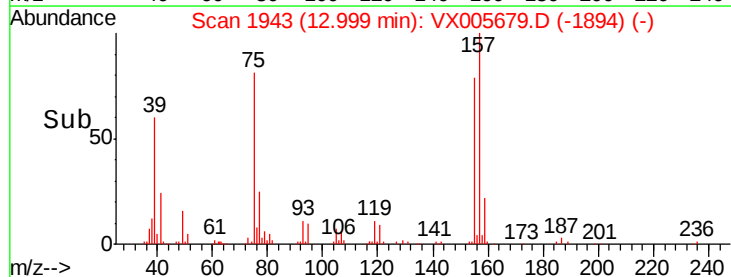
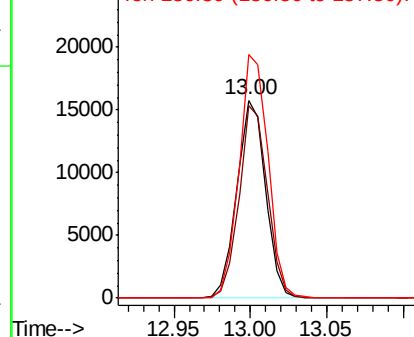


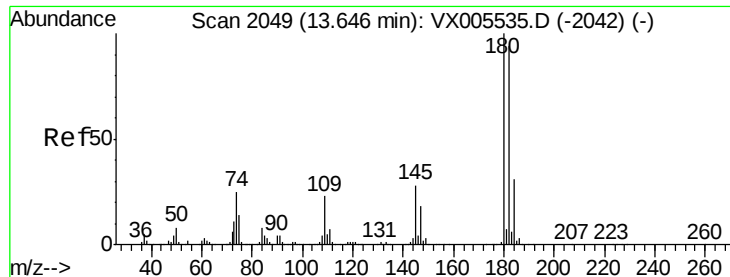
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.622 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX005679.D  
 Acq: 30 Oct 2018 00:30

Tgt Ion: 75 Resp: 20468  
 Ion Ratio Lower Upper  
 75 100  
 155 95.8 45.4 136.1  
 157 123.8 57.4 172.0



Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.494 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

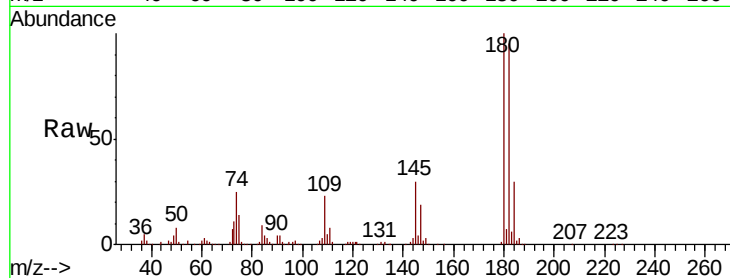
Tot Ion:180 Resp: 102561

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.8

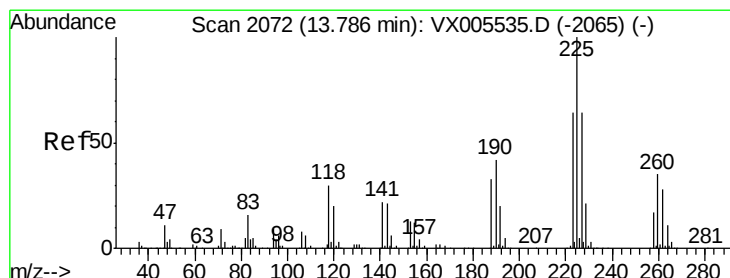
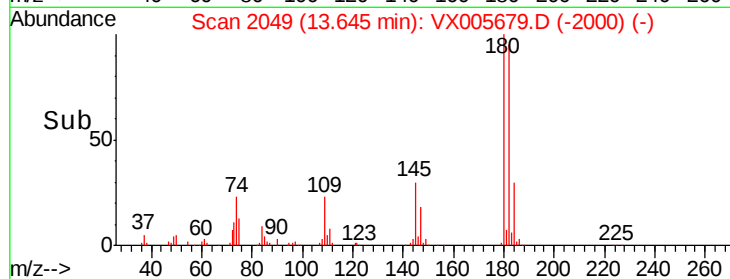
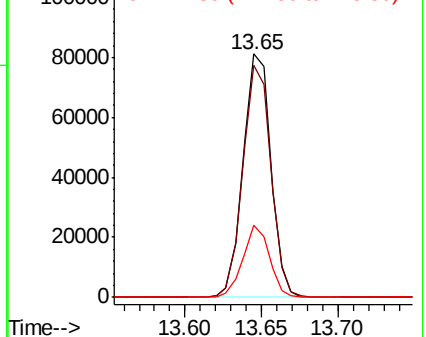
145 28.2 14.1 42.2



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: 19.323 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

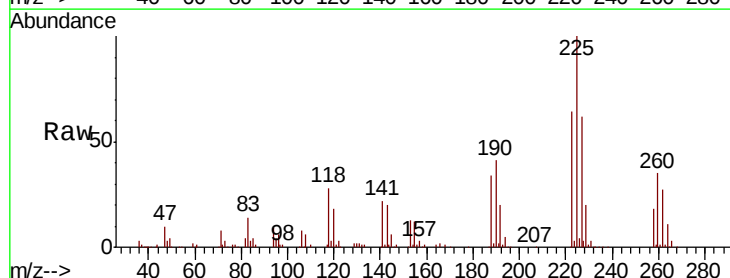
Tgt Ion:225 Resp: 50114

Ion Ratio Lower Upper

225 100

223 62.6 31.7 95.1

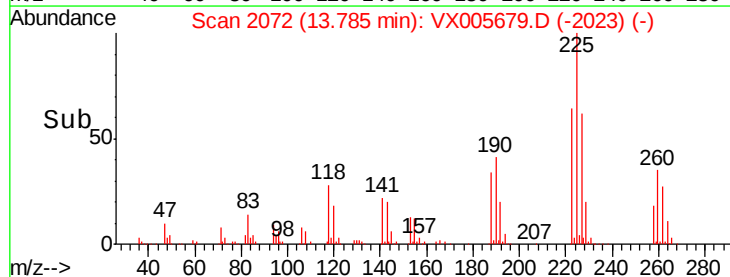
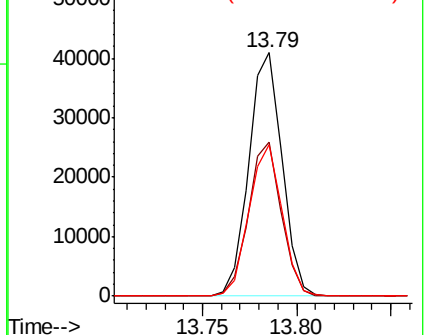
227 61.7 32.3 96.9

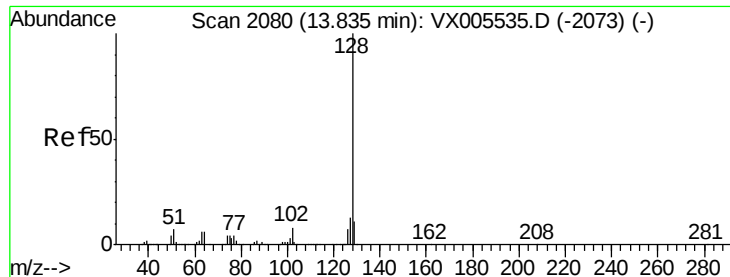


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.717 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBSD02

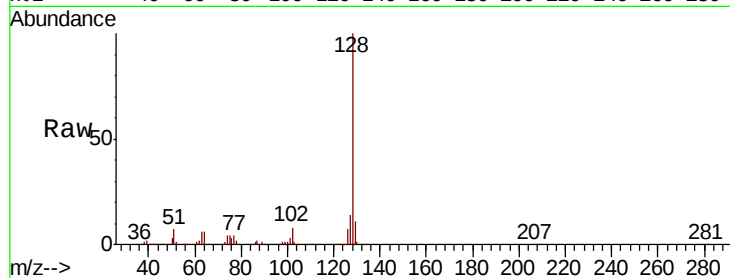
Tot Ion:128 Resp: 315908

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

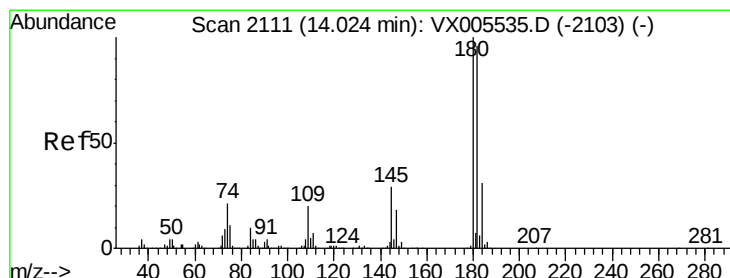
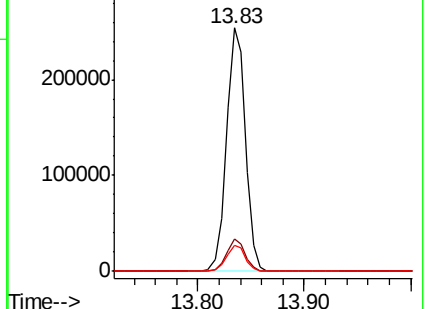
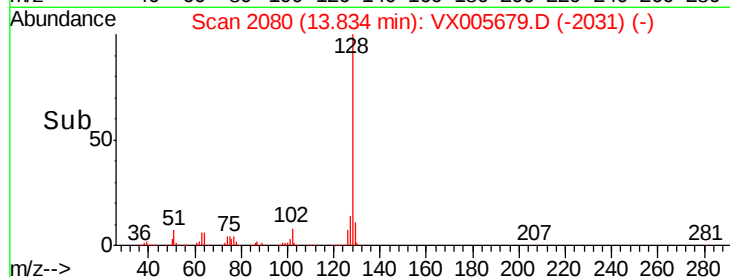
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.711 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005679.D

Acq: 30 Oct 2018 00:30

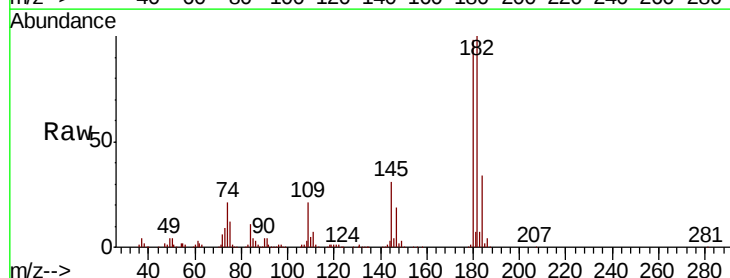
Tgt Ion:180 Resp: 105068

Ion Ratio Lower Upper

180 100

182 98.1 48.0 144.2

145 29.6 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

