

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\  
 Data File : VX005004.D  
 Acq On : 04 Oct 2018 07:48  
 Operator : JC/MD  
 Sample : J5211-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CB-1018-S-TCLP-GRID41-2

Quant Time: Oct 04 08:50:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 03 04:00:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 266272   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 428606   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 406605   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 226609   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 198766   | 52.26 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.52% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 175839   | 48.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.82%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 587104   | 48.62 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.24%  |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 217246   | 49.94 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.88%  |          |

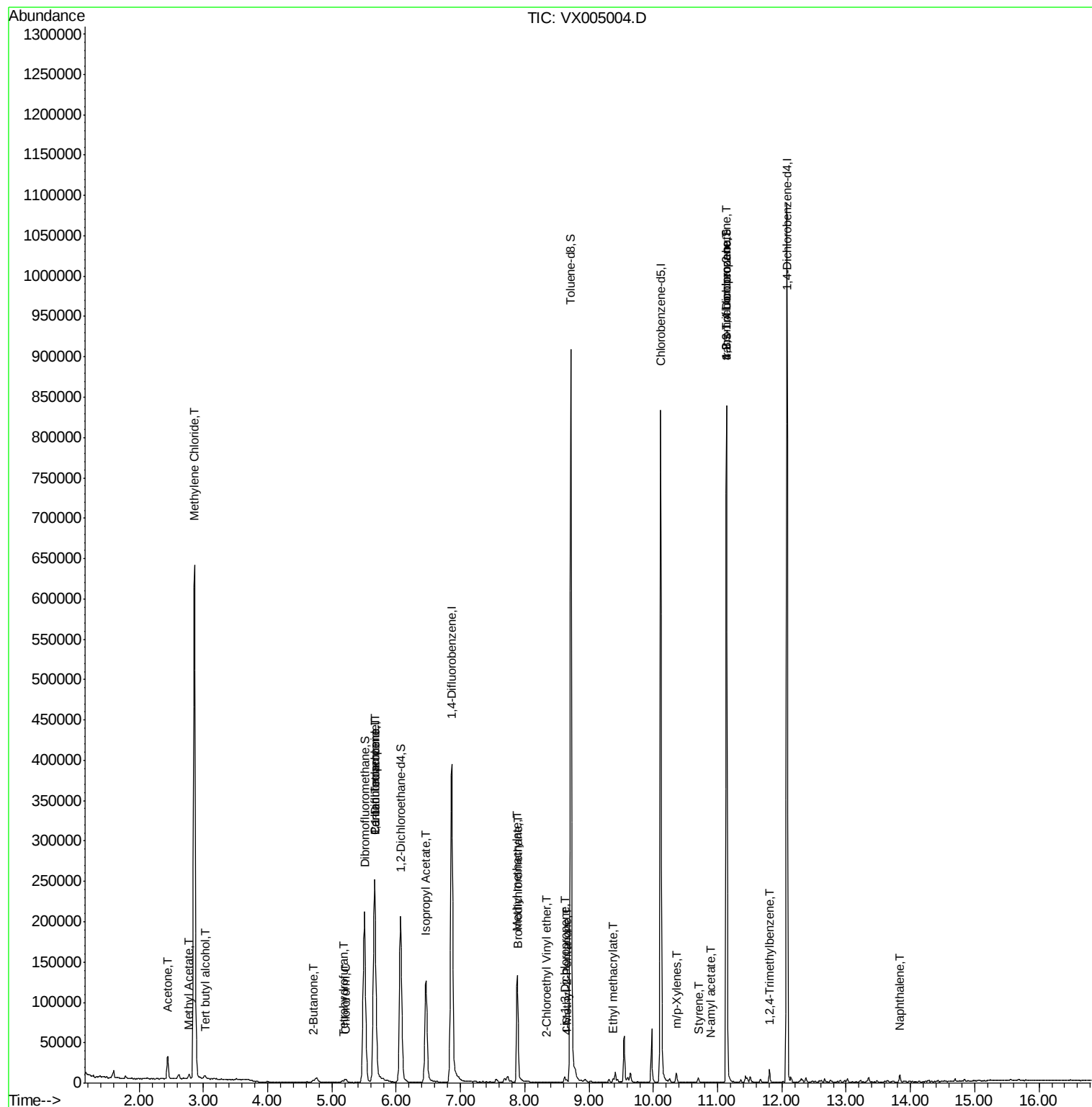
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 6) Chloroethane                | 1.72  | 64   | 109      | Below Cal | #      | 45     |
| 11) Tert butyl alcohol         | 3.02  | 59   | 3346     | 3.146     | ug/l # | 77     |
| 16) Acetone                    | 2.45  | 43   | 30265    | 13.629    | ug/l   | 90     |
| 18) Methyl Acetate             | 2.78  | 43   | 7063     | 1.255     | ug/l   | 98     |
| 20) Methylene Chloride         | 2.86  | 84   | 300941   | 93.944    | ug/l   | 98     |
| 25) 2-Butanone                 | 4.70  | 43   | 4945     | 1.511     | ug/l   | 95     |
| 29) Tetrahydrofuran            | 5.17  | 42   | 2042     | 1.004     | ug/l # | 91     |
| 30) Chloroform                 | 5.21  | 83   | 4516     | 0.756     | ug/l   | 90     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 17382    | 3.507     | ug/l # | 47     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 24096    | 4.625     | ug/l # | 18     |
| 43) Isopropyl Acetate          | 6.46  | 43   | 173968   | 18.321    | ug/l   | 96     |
| 47) Bromodichloromethane       | 7.90  | 83   | 1063     | 0.237     | ug/l # | 88     |
| 48) Methyl methacrylate        | 7.88  | 41   | 12806    | 2.971     | ug/l # | 45     |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1381     | 0.231     | ug/l # | 49     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75   | 1136     | 0.214     | ug/l # | 58     |
| 56) Ethyl methacrylate         | 9.38  | 69   | 100      | 2.878     | ug/l # | 1      |
| 58) 2-Chloroethyl Vinyl ether  | 8.35  | 63   | 72       | 14.263    | ug/l # | 49     |
| 68) m/p-Xylenes                | 10.36 | 106  | 2778     | 0.429     | ug/l   | 93     |
| 70) Styrene                    | 10.71 | 104  | 152      | 2.154     | ug/l # | 1      |
| 74) N-amyl acetate             | 10.89 | 43   | 266      | 1.781     | ug/l # | 51     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 105515   | 20.774    | ug/l # | 35     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 105515   | 56.394    | ug/l # | 10     |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 6734     | 0.302     | ug/l   | 95     |
| 95) Naphthalene                | 13.83 | 128  | 5438     | 1.004     | ug/l   | 99     |

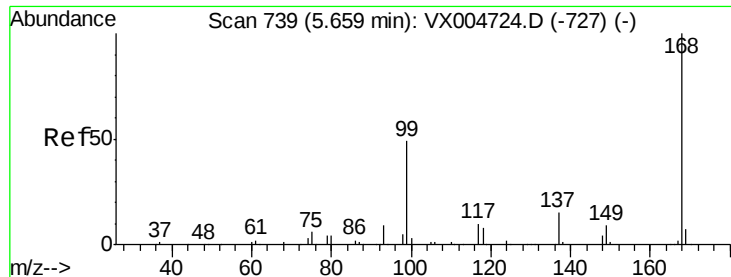
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\  
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Sample : J5211-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 03 04:00:03 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA\_X

ClientSampleId :

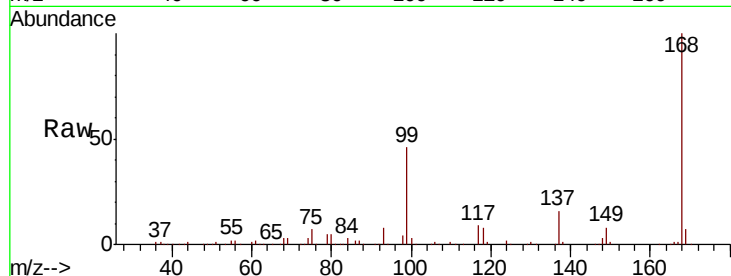
CB-1018-S-TCLP-GRID41-2

Tot Ion:168 Resp: 266272

Ion Ratio Lower Upper

168 100

99 45.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

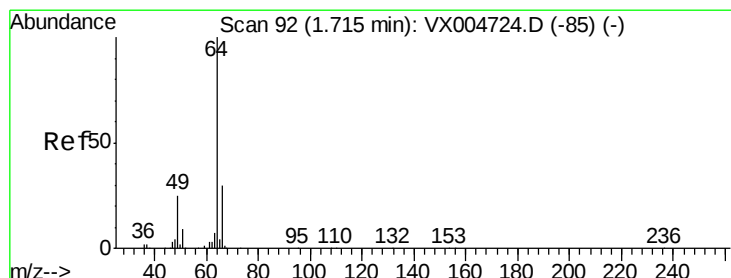
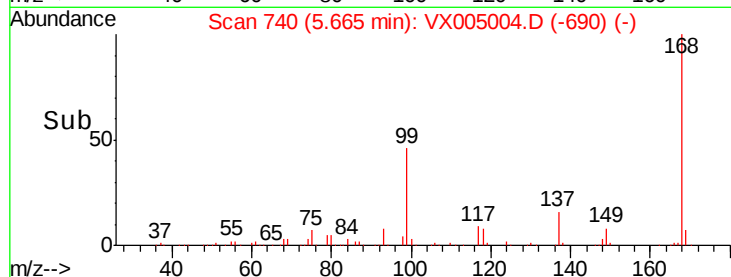
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005004.D

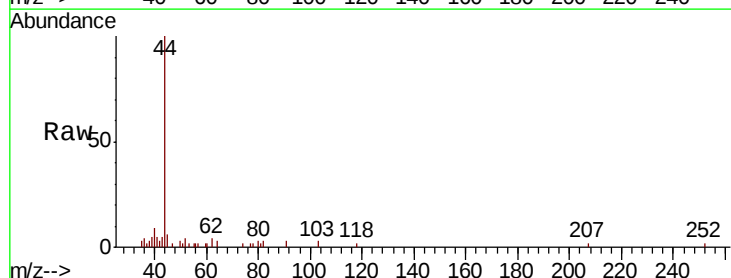
Acq: 04 Oct 2018 07:48

Tgt Ion: 64 Resp: 109

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

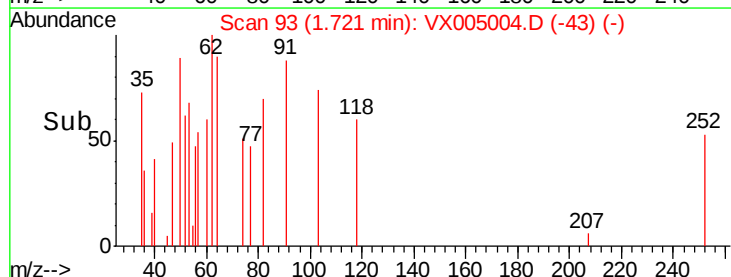
100

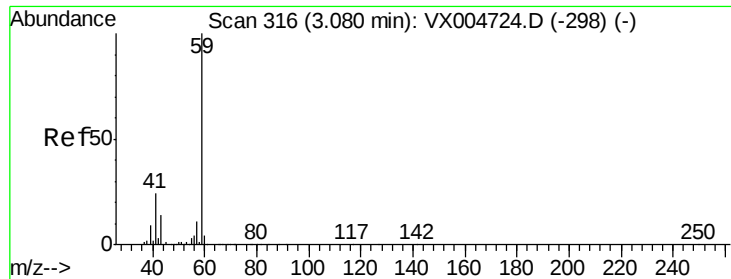
50

0

Time-->

1.70 1.71 1.72 1.73 1.74

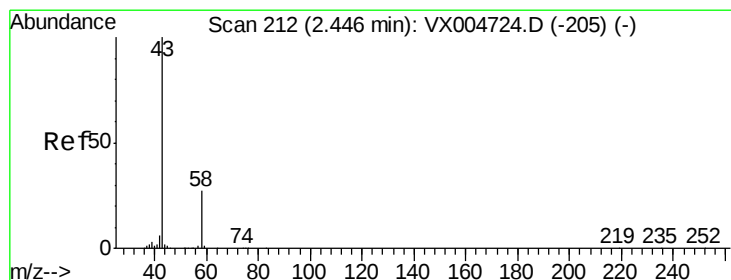
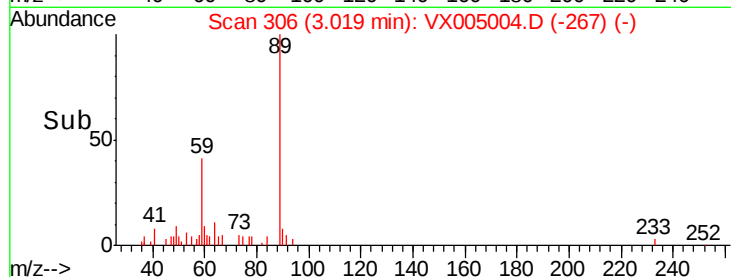
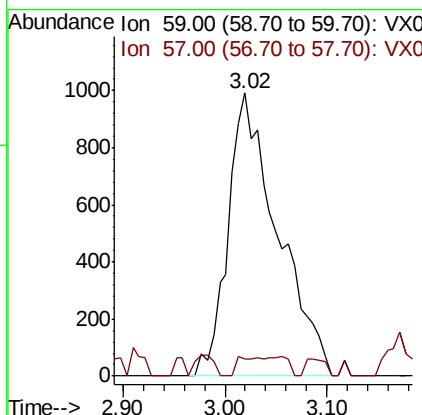
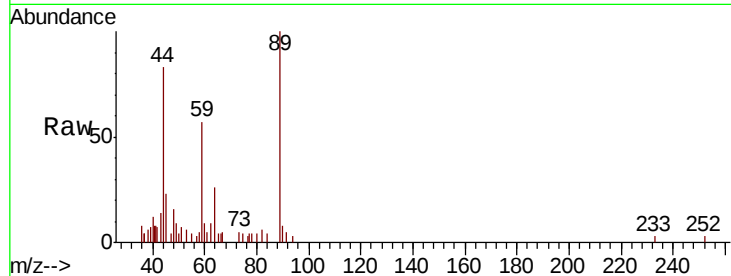




#11  
Tert butyl alcohol  
Concen: 3.146 ug/l  
RT: 3.02 min Scan# 306  
Delta R.T. -0.06 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

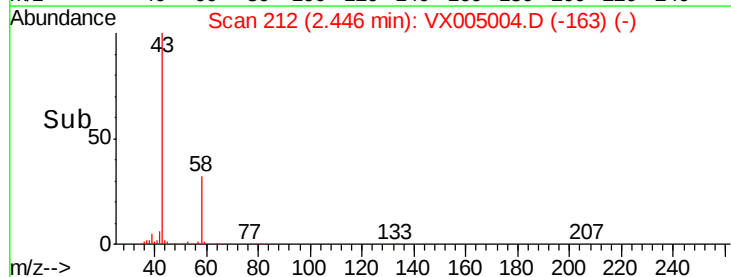
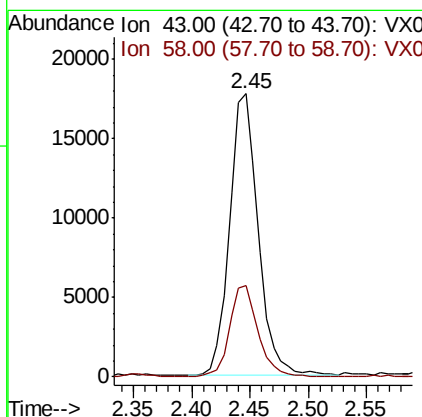
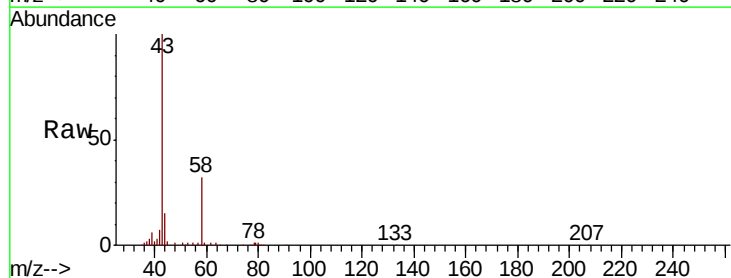
Instrument :  
MSVOA\_X  
ClientSampleId :  
CB-1018-S-TCLP-GRID41-2

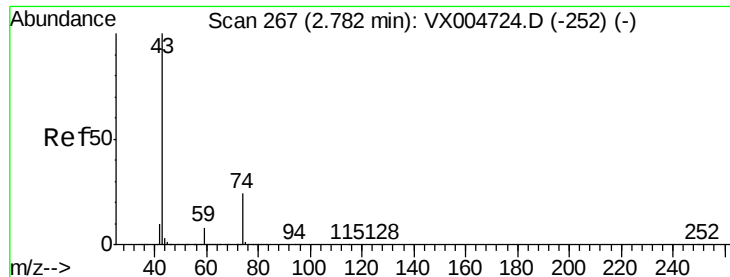
Tot Ion: 59 Resp: 3346  
Ion Ratio Lower Upper  
59 100  
57 2.0 8.6 12.8#



#16  
Acetone  
Concen: 13.629 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

Tgt Ion: 43 Resp: 30265  
Ion Ratio Lower Upper  
43 100  
58 32.4 21.8 32.6

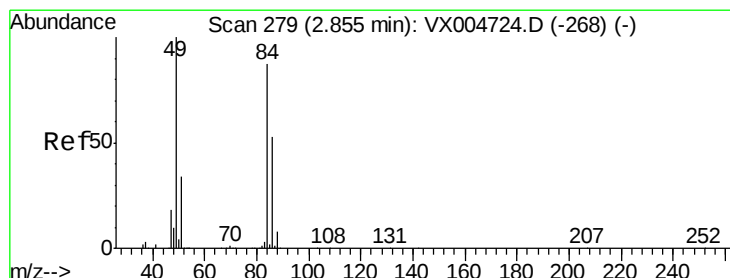
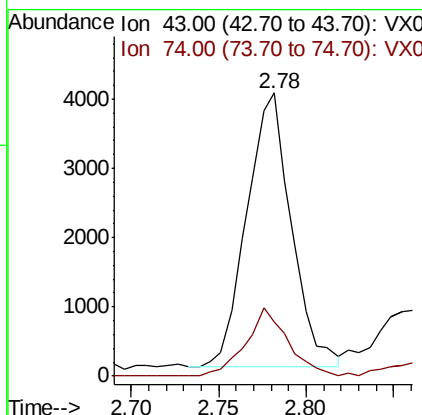
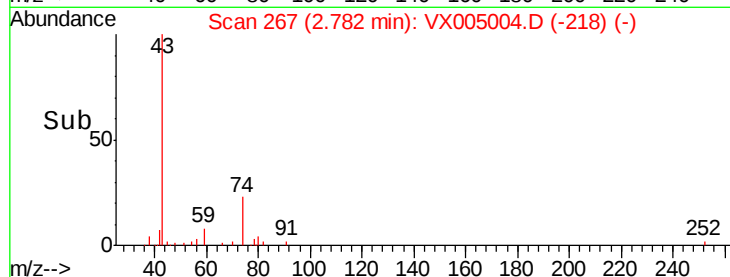
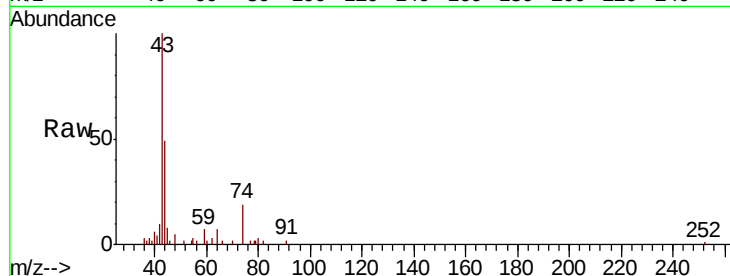




#18  
Methvl Acetate  
Concen: 1.255 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.00 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

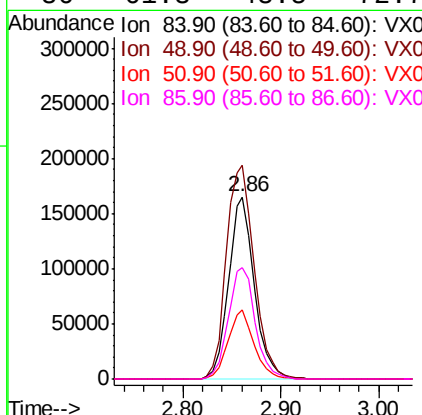
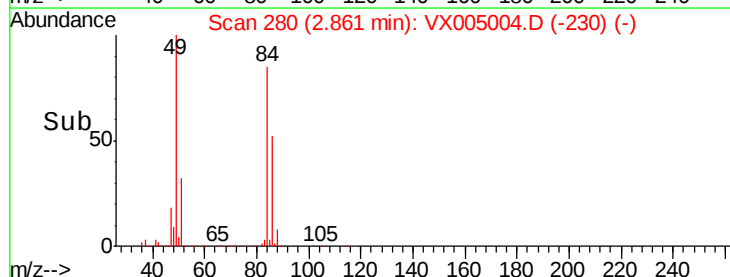
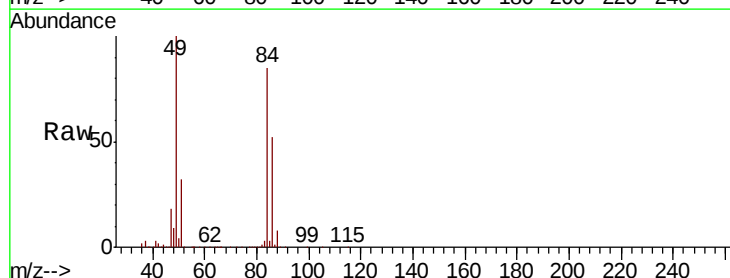
Instrument :  
MSVOA\_X  
ClientSampleId :  
CB-1018-S-TCLP-GRID41-2

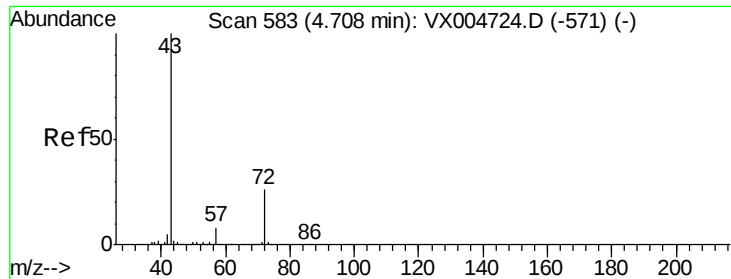
Tot Ion: 43 Resp: 7063  
Ion Ratio Lower Upper  
43 100  
74 23.3 17.8 26.8



#20  
Methylene Chloride  
Concen: 93.944 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

Tgt Ion: 84 Resp: 300941  
Ion Ratio Lower Upper  
84 100  
49 117.3 92.3 138.5  
51 38.0 31.8 47.6  
86 61.3 48.5 72.7





#25

2-Butanone

Concen: 1.511 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA\_X

ClientSampleId :

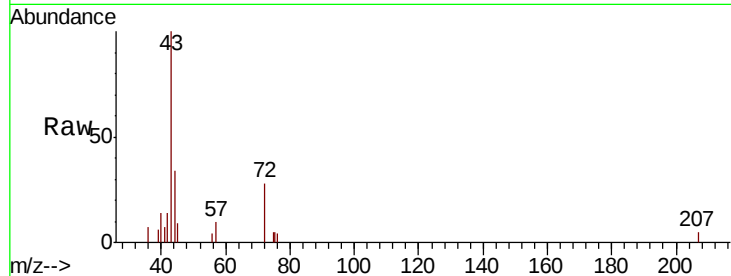
CB-1018-S-TCLP-GRID41-2

Tot Ion: 43 Resp: 4945

Ion Ratio Lower Upper

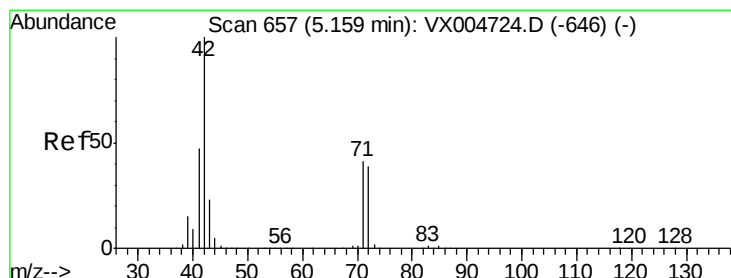
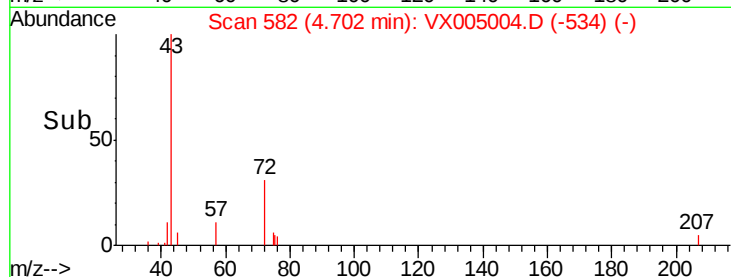
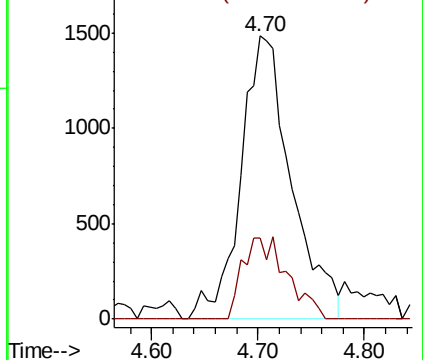
43 100

72 28.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 1.004 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

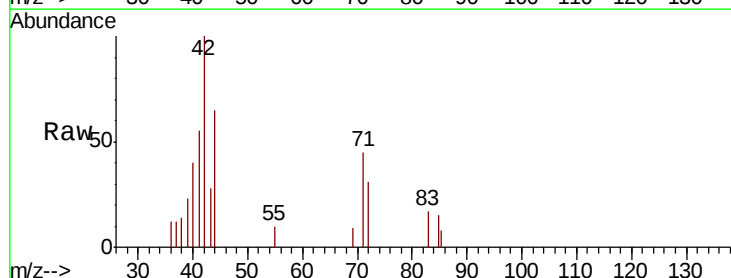
Tgt Ion: 42 Resp: 2042

Ion Ratio Lower Upper

42 100

72 31.1 33.7 50.5#

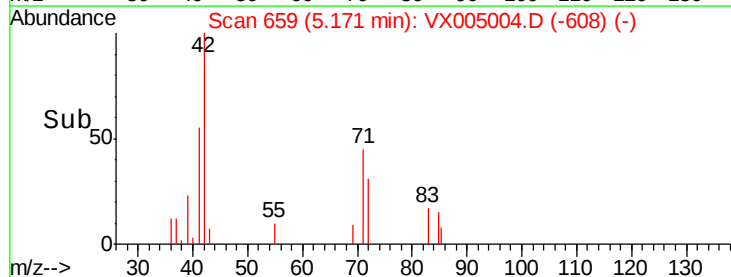
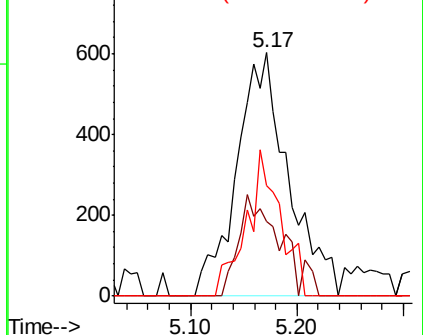
71 39.6 32.2 48.4

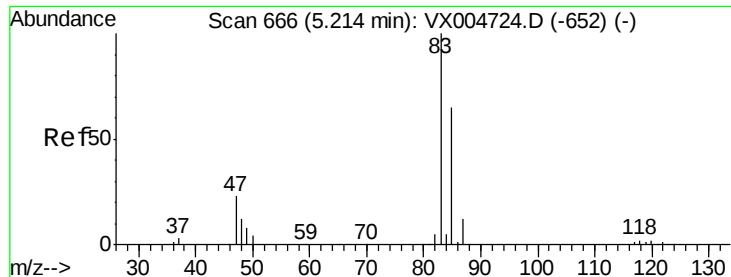


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

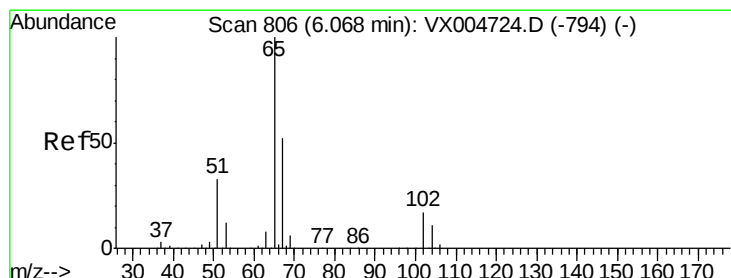
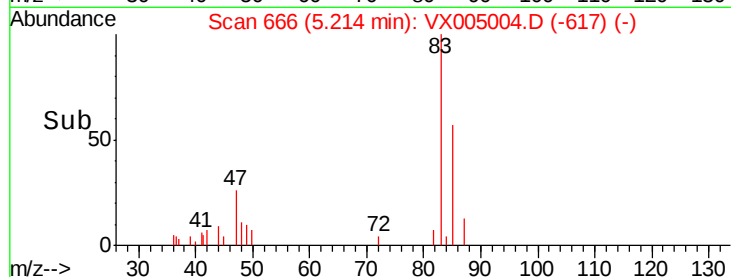
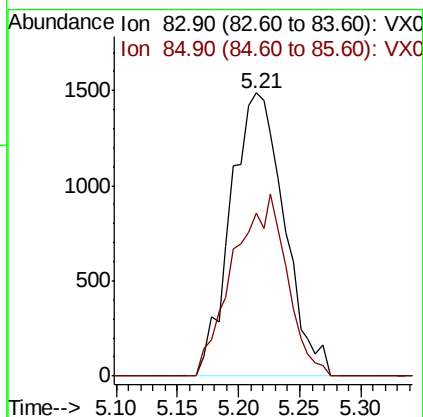
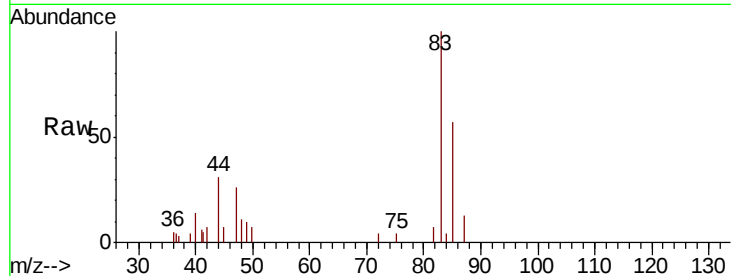




#30  
Chloroform  
Concen: 0.756 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

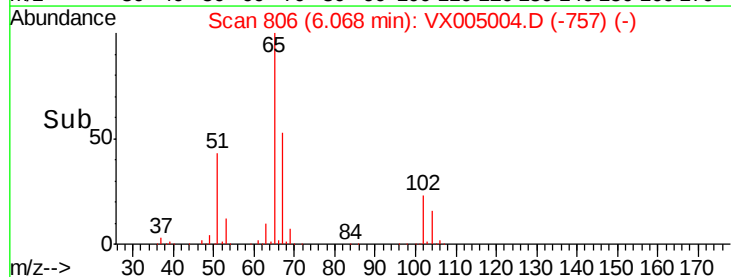
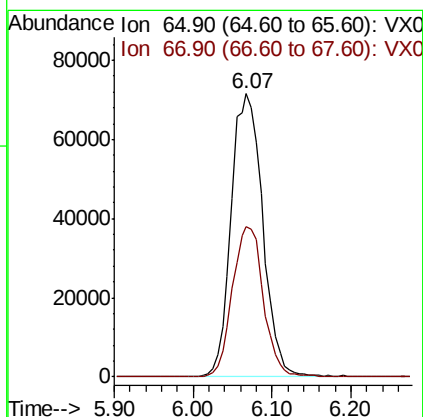
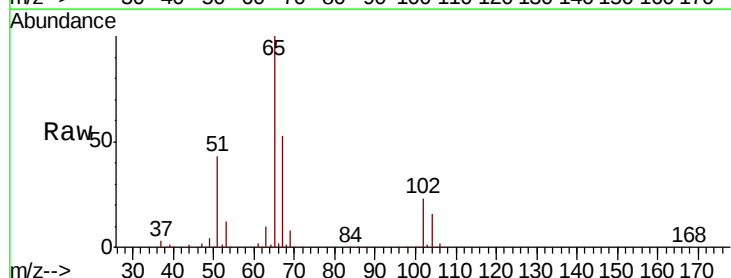
Instrument :  
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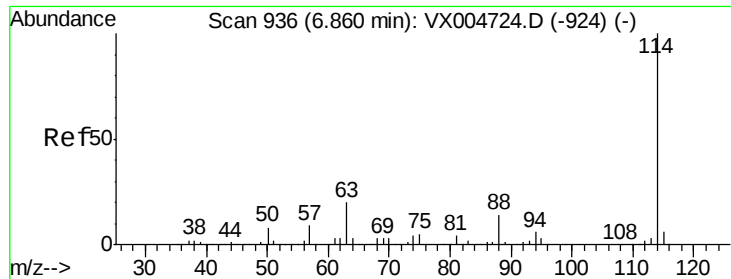
Tot Ion: 83 Resp: 4516  
Ion Ratio Lower Upper  
83 100  
85 57.4 52.4 78.6



#33  
1,2-Dichloroethane-d4  
Concen: 52.256 ug/l  
RT: 6.07 min Scan# 806  
Delta R.T. 0.00 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

Tgt Ion: 65 Resp: 198766  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA\_X

ClientSampleId :

CB-1018-S-TCLP-GRID41-2

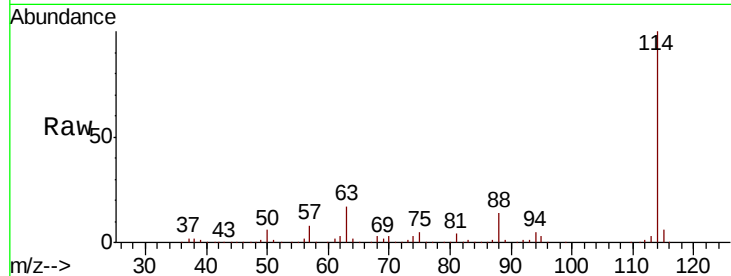
Tot Ion:114 Resp: 428606

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.8

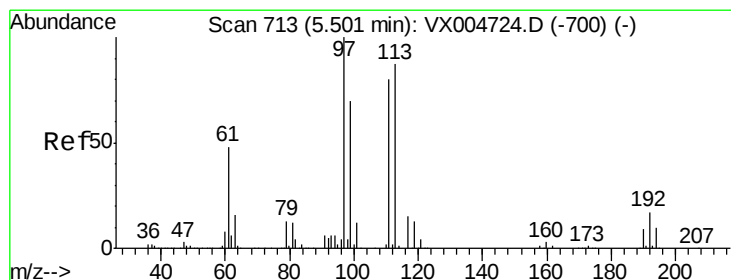
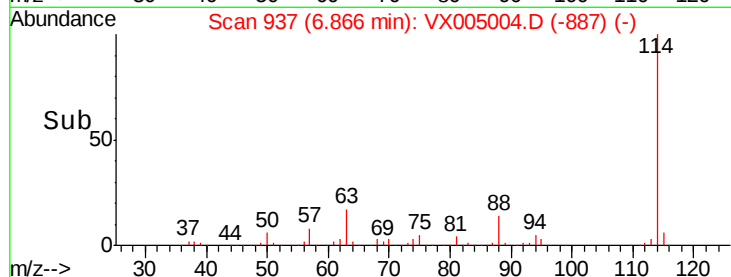
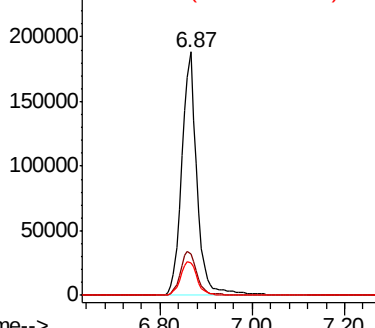
88 13.5 0.0 27.0



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: 48.407 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

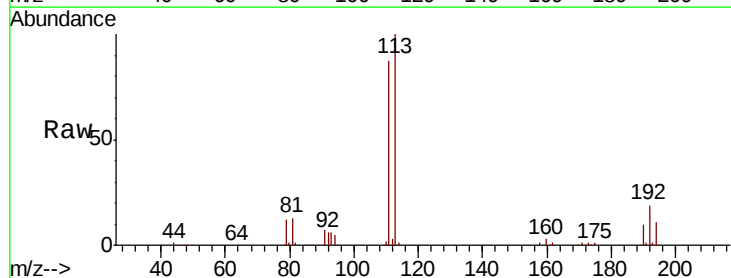
Tgt Ion:113 Resp: 175839

Ion Ratio Lower Upper

113 100

111 97.9 77.0 115.4

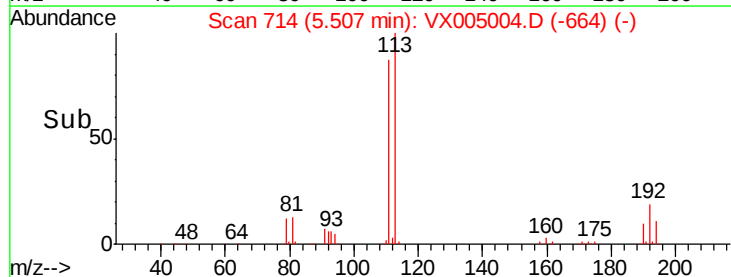
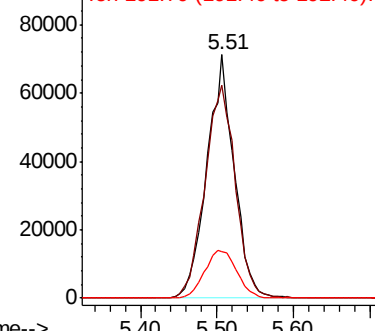
192 23.3 17.0 25.6

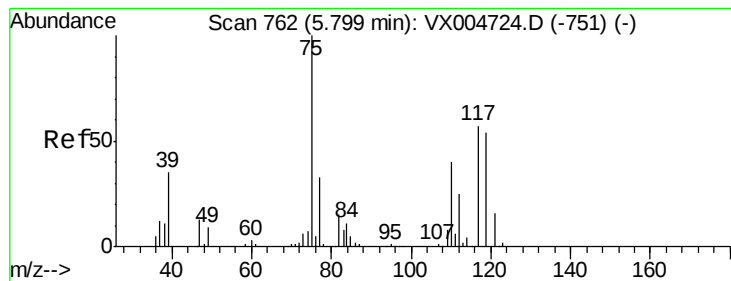


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.507 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA\_X

ClientSampleId :

CB-1018-S-TCLP-GRID41-2

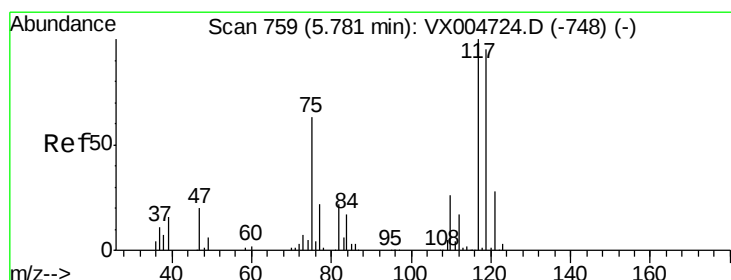
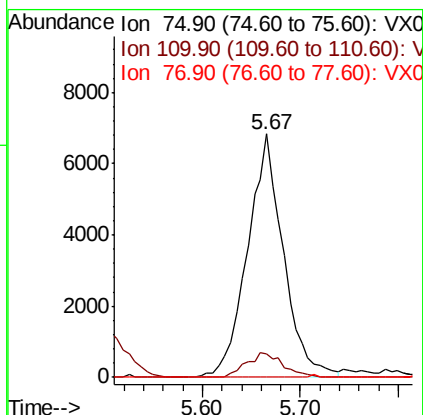
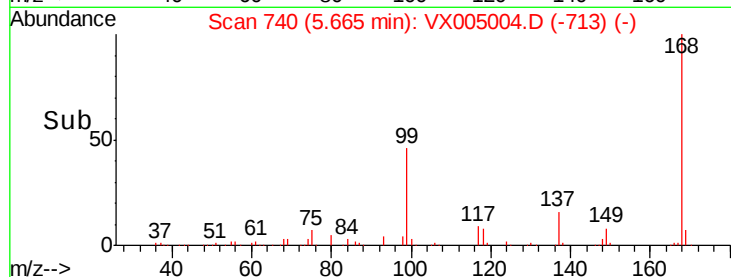
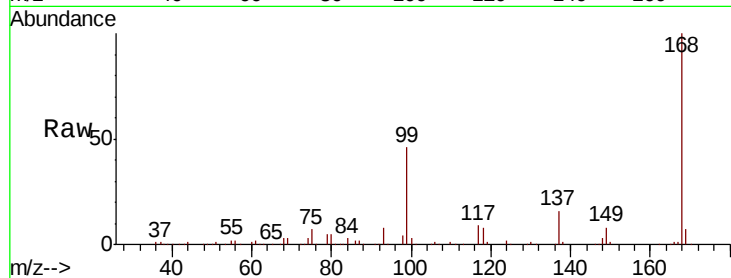
Tot Ion: 75 Resp: 17382

Ion Ratio Lower Upper

75 100

110 10.4 20.0 59.9#

77 0.0 27.1 40.7#



#38

Carbon Tetrachloride

Concen: 4.625 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

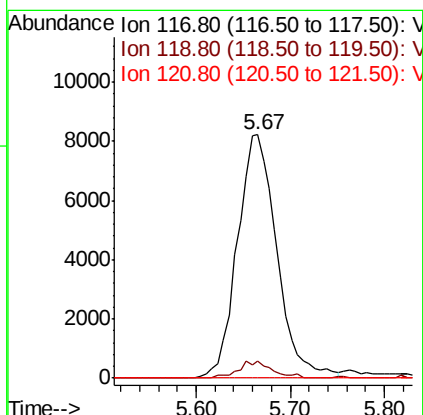
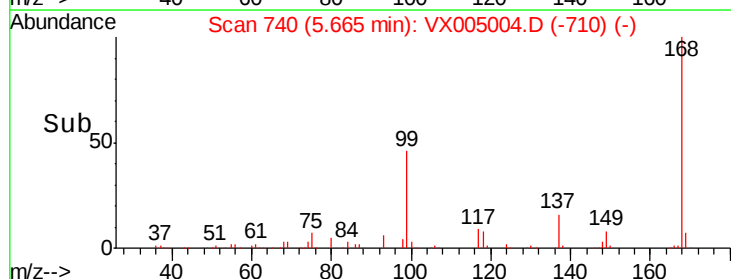
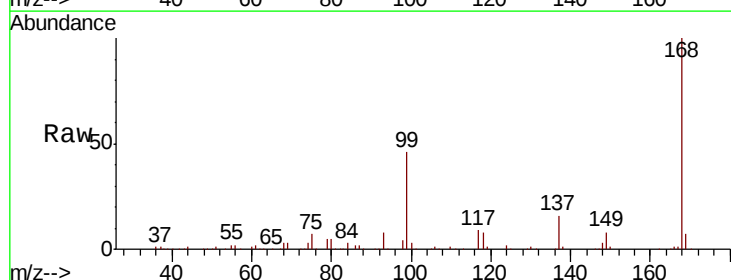
Tgt Ion: 117 Resp: 24096

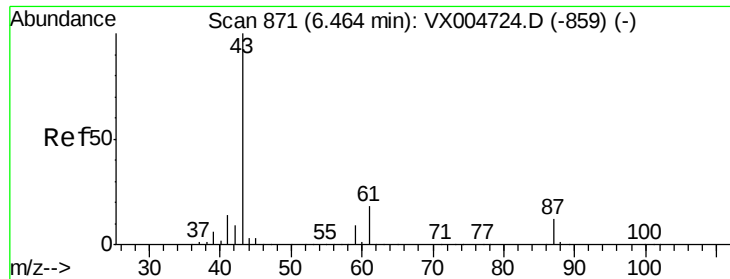
Ion Ratio Lower Upper

117 100

119 6.9 75.2 112.8#

121 0.0 22.5 33.7#





#43

Isopropyl Acetate

Concen: 18.321 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA\_X

ClientSampleId :

CB-1018-S-TCLP-GRID41-2

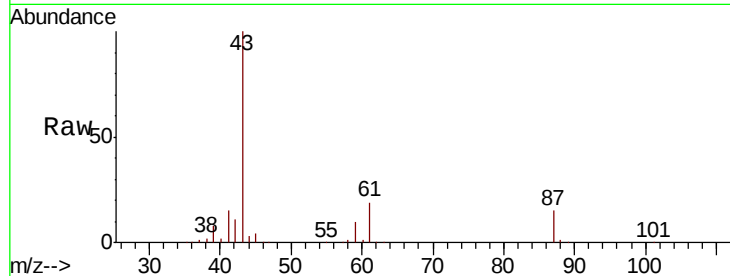
Tot Ion: 43 Resp: 173968

Ion Ratio Lower Upper

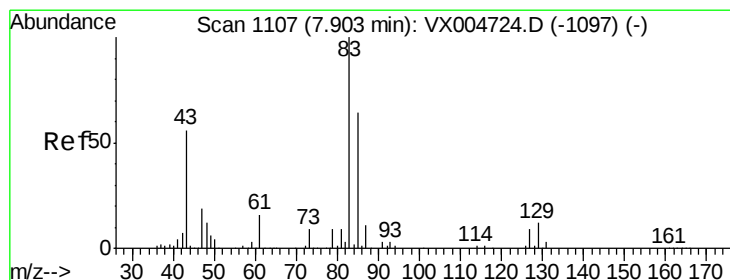
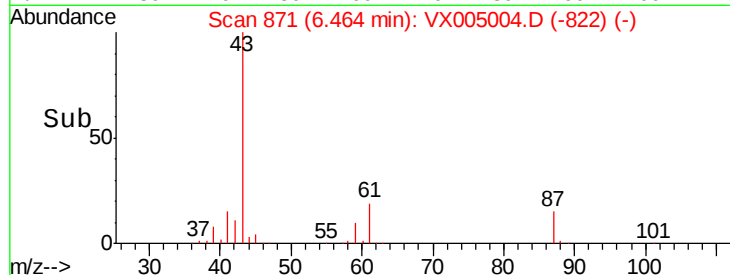
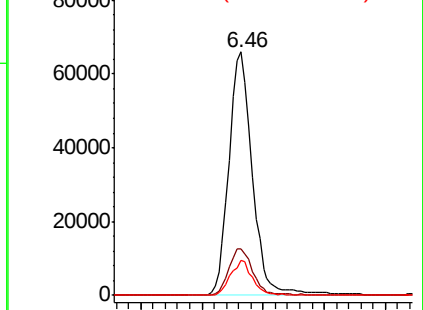
43 100

61 19.4 14.2 21.4

87 13.3 9.3 13.9



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



#47

Bromodichloromethane

Concen: 0.237 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

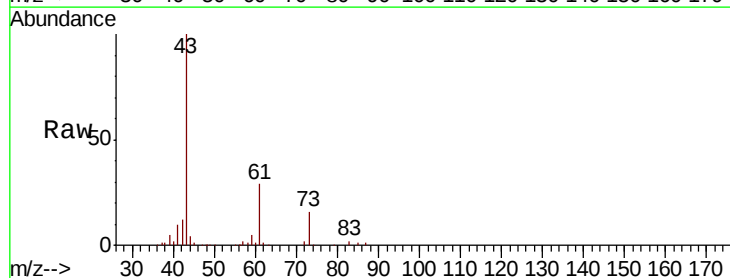
Tgt Ion: 83 Resp: 1063

Ion Ratio Lower Upper

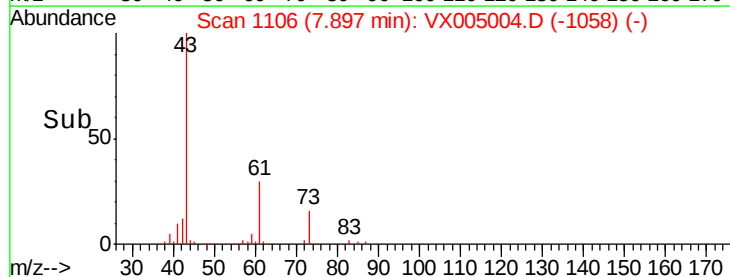
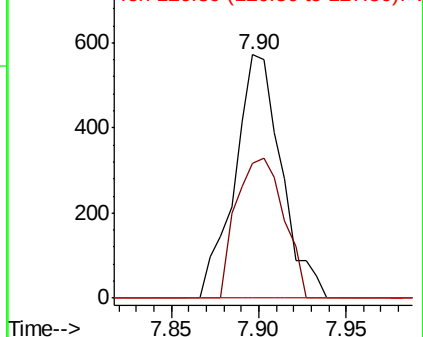
83 100

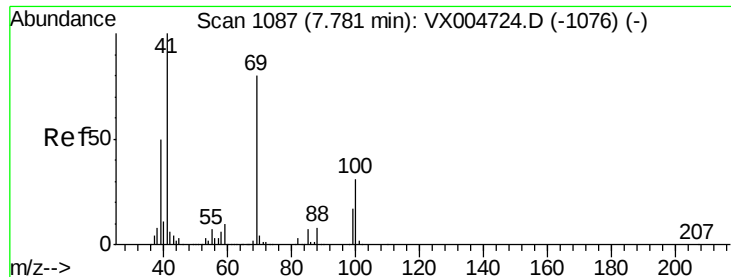
85 55.6 51.2 76.8

127 0.0 7.0 10.6#



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

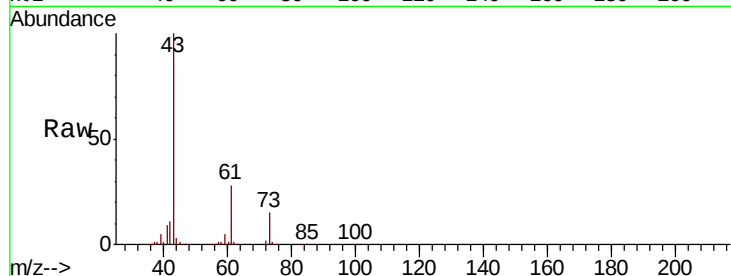




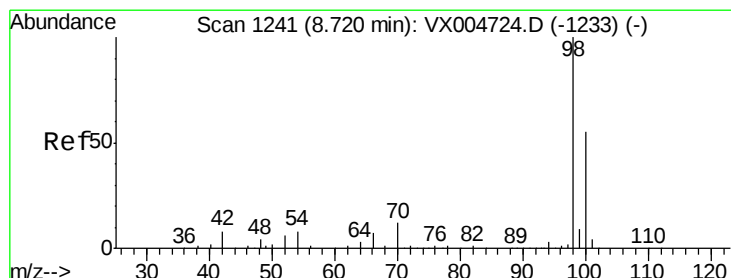
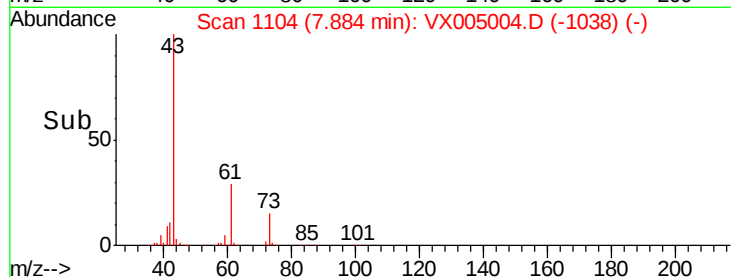
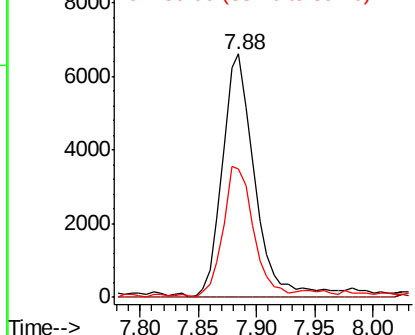
#48  
Methyl methacrylate  
Concen: 2.971 ug/l  
RT: 7.88 min Scan# 1104  
Delta R.T. 0.10 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
CB-1018-S-TCLP-GRID41-2

Tot Ion: 41 Resp: 12806  
Ion Ratio Lower Upper  
41 100  
69 0.0 63.8 95.6#  
39 50.9 40.7 61.1

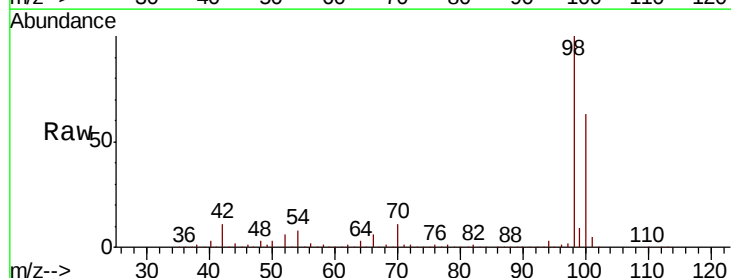


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0

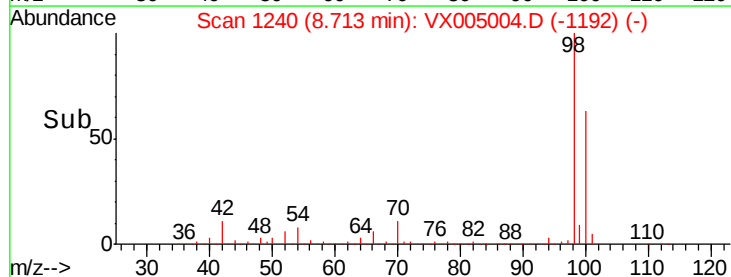
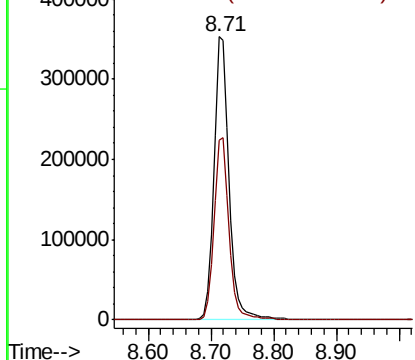


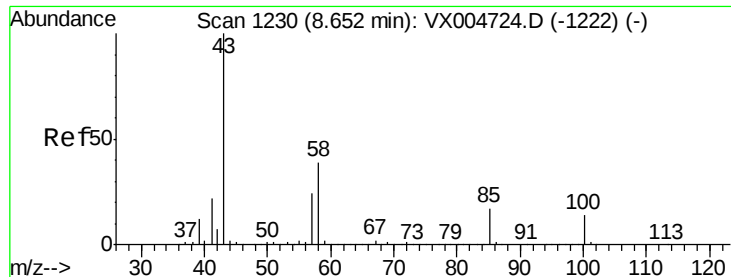
#50  
Toluene-d8  
Concen: 48.617 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

Tgt Ion: 98 Resp: 587104  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.9 77.9



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: 0.231 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA\_X

ClientSampleId :

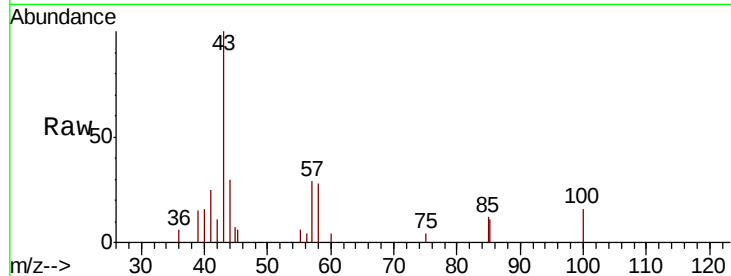
CB-1018-S-TCLP-GRID41-2

Tot Ion: 43 Resp: 1381

Ion Ratio Lower Upper

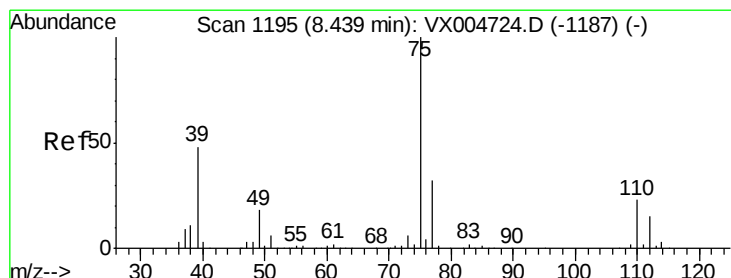
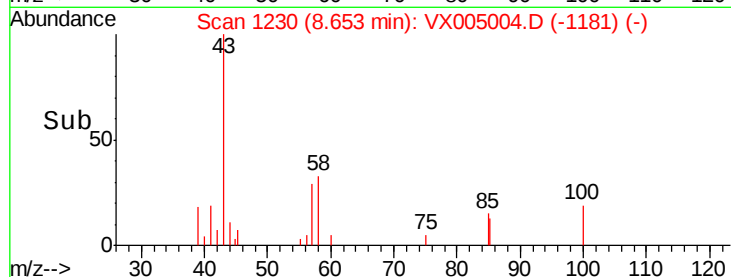
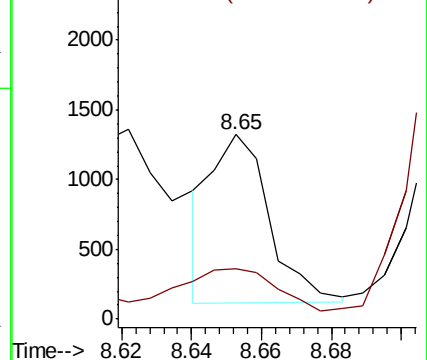
43 100

58 68.9 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.214 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

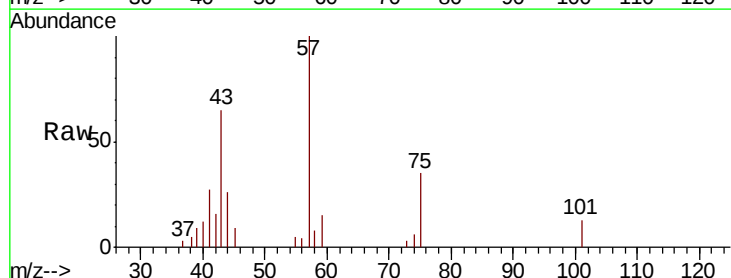
Tgt Ion: 75 Resp: 1136

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

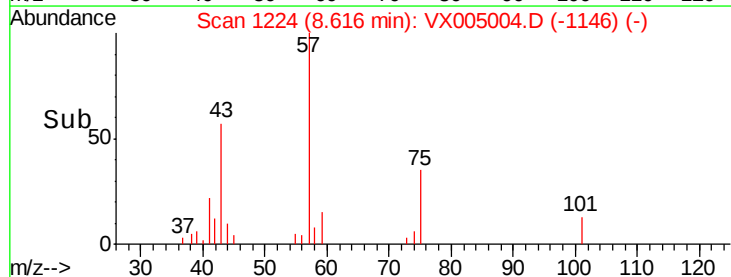
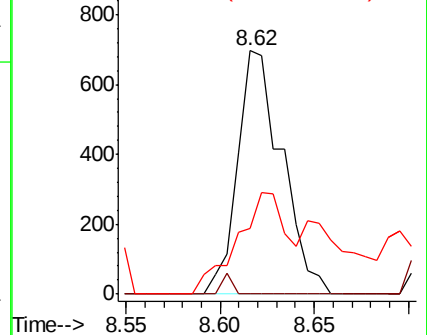
39 27.1 38.3 57.5#

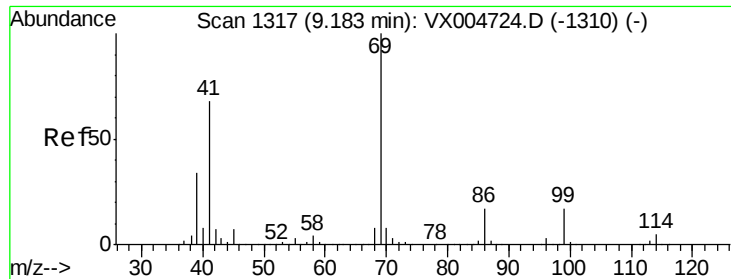


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 2.878 ug/l

RT: 9.38 min Scan# 1349

Delta R.T. 0.20 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA\_X

ClientSampleId :

CB-1018-S-TCLP-GRID41-2

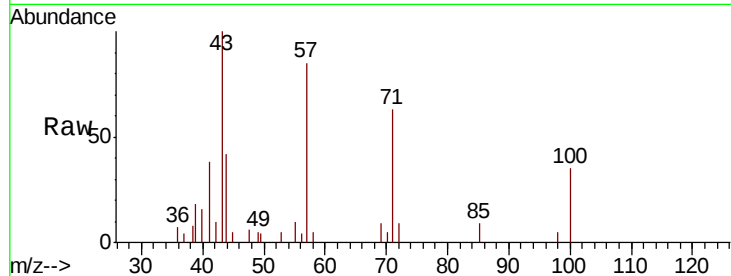
Tot Ion: 69 Resp: 100

Ion Ratio Lower Upper

69 100

41 455.0 56.9 85.3#

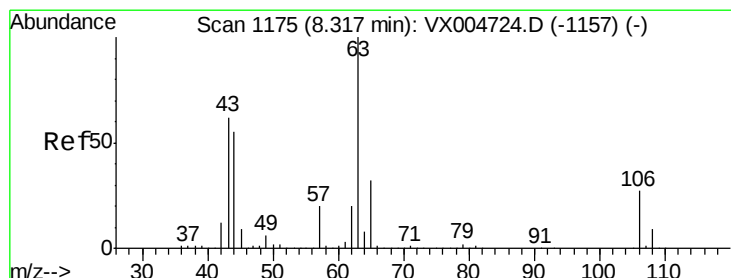
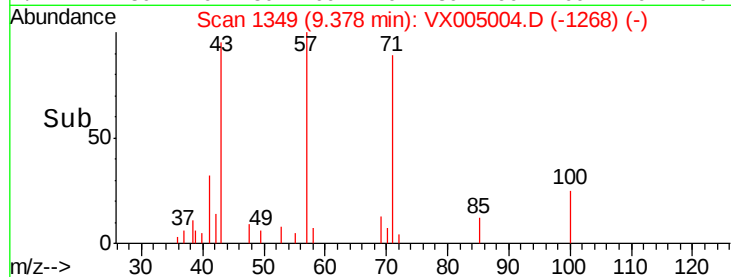
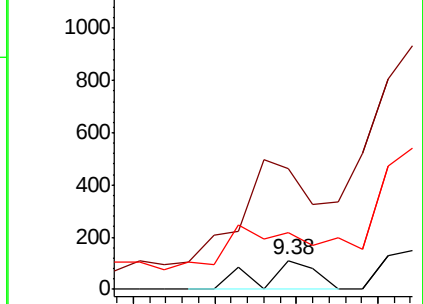
39 225.0 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.263 ug/l

RT: 8.35 min Scan# 1180

Delta R.T. 0.03 min

Lab File: VX005004.D

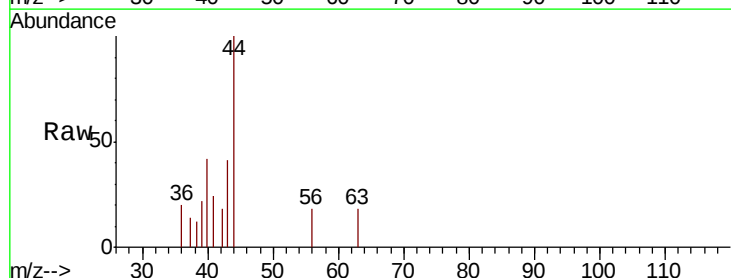
Acq: 04 Oct 2018 07:48

Tgt Ion: 63 Resp: 72

Ion Ratio Lower Upper

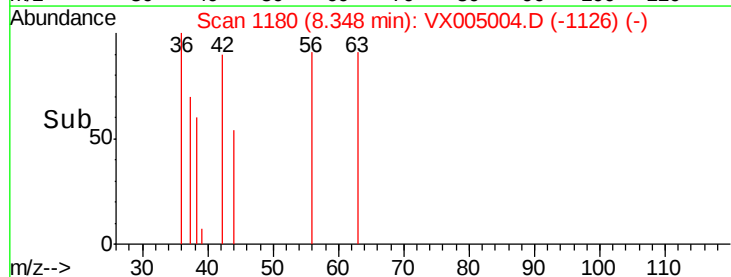
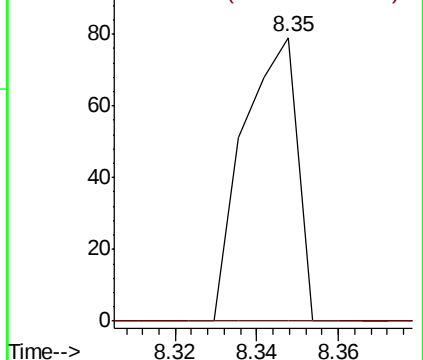
63 100

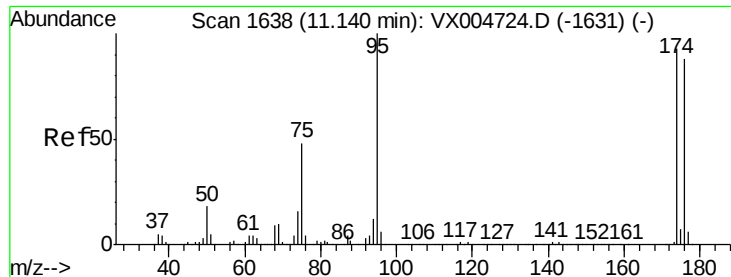
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

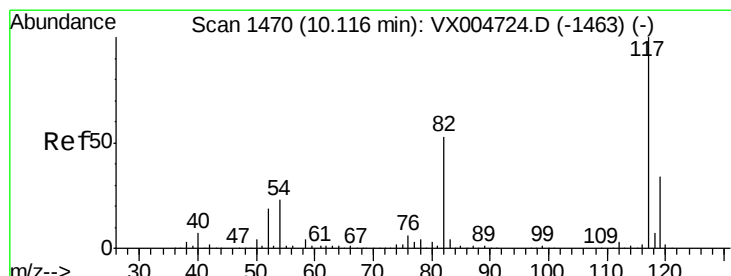
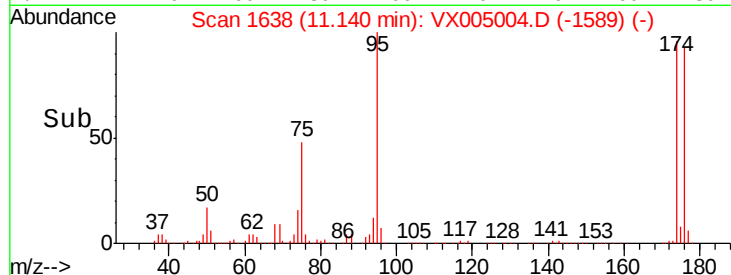
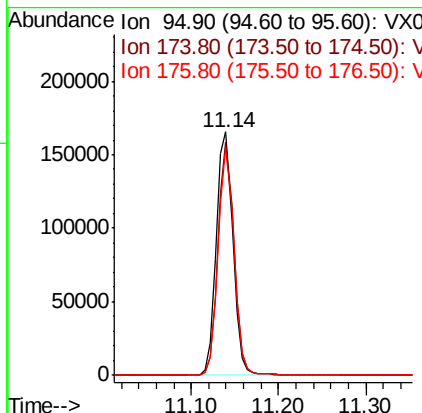
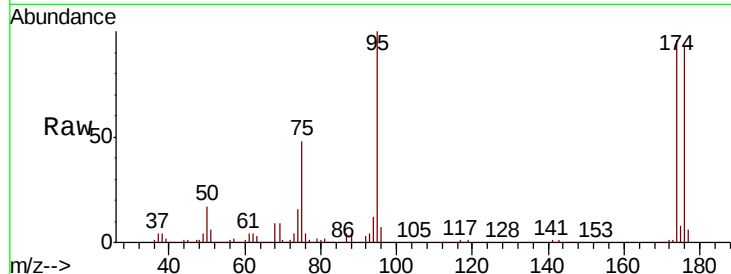




#62  
4-Bromofluorobenzene  
Concen: 49.936 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. 0.00 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

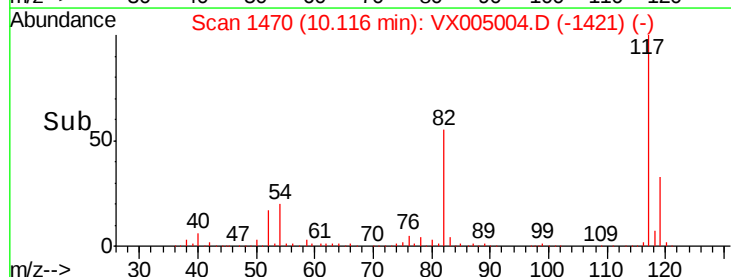
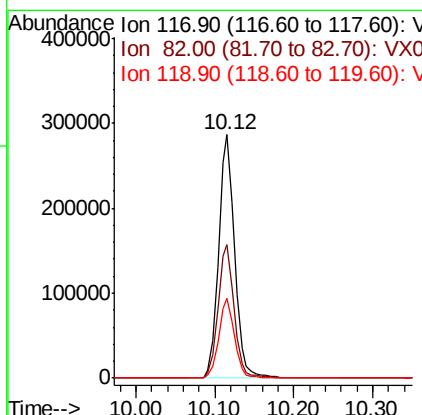
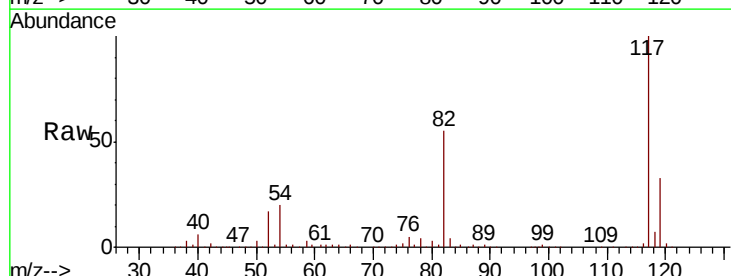
Instrument :  
MSVOA\_X  
ClientSampleId :  
CB-1018-S-TCLP-GRID41-2

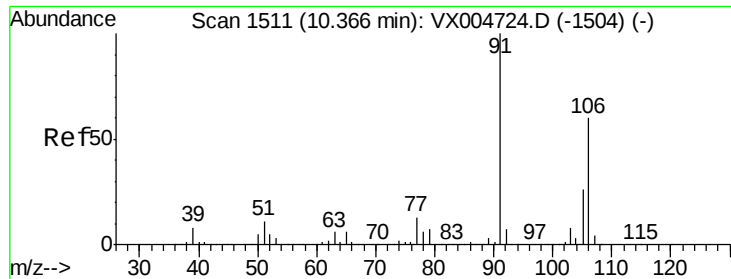
Tot Ion: 95 Resp: 217246  
Ion Ratio Lower Upper  
95 100  
174 92.2 0.0 185.0  
176 88.8 0.0 180.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

Tgt Ion: 117 Resp: 406605  
Ion Ratio Lower Upper  
117 100  
82 54.9 42.2 63.4  
119 32.6 27.4 41.0

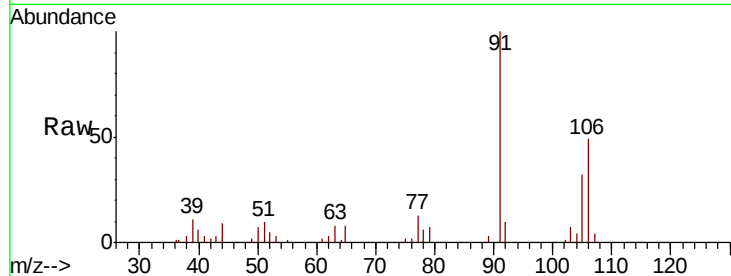




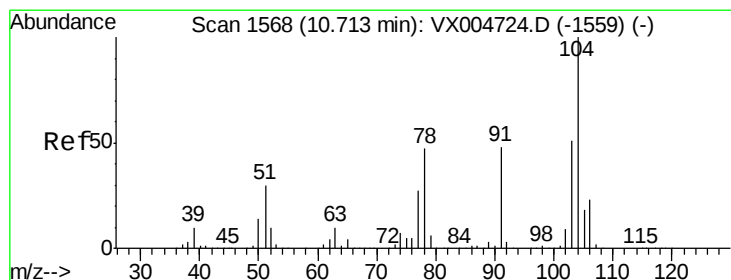
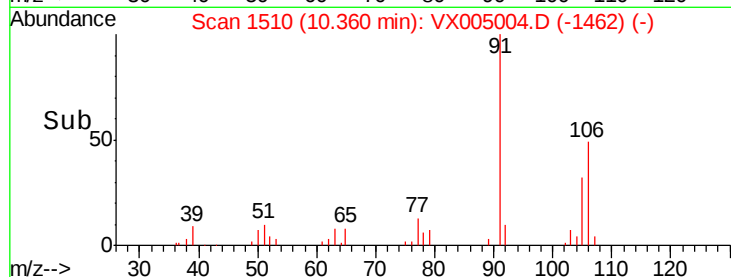
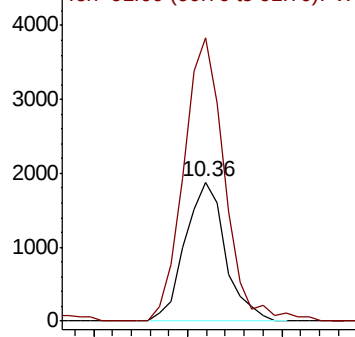
#68  
m/p-Xvlenes  
Concen: 0.429 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.01 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
CB-1018-S-TCLP-GRID41-2

Tot Ion:106 Resp: 2778  
Ion Ratio Lower Upper  
106 100  
91 207.5 157.5 236.3

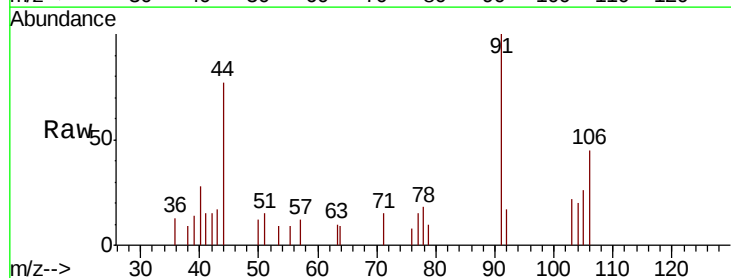


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

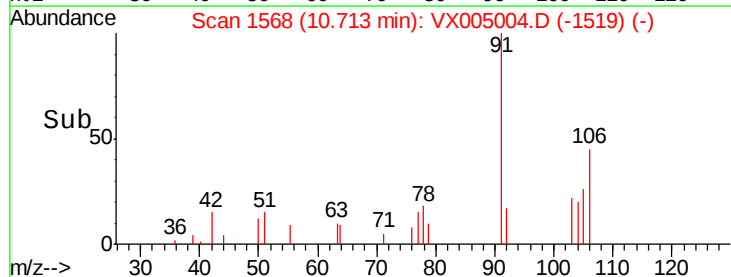
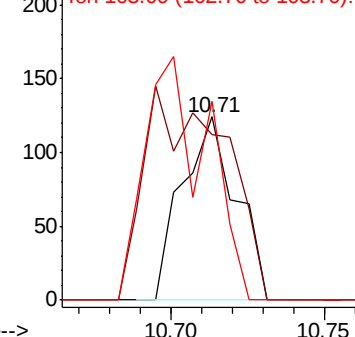


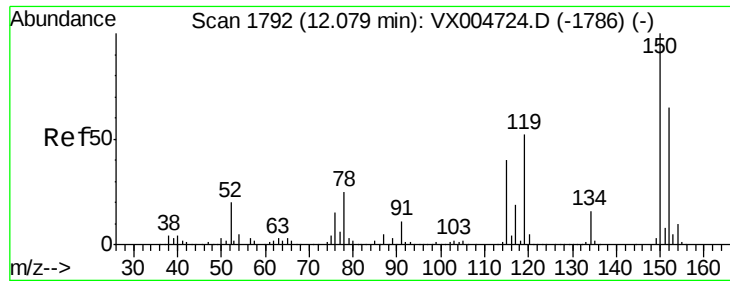
#70  
Styrene  
Concen: 2.154 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

Tgt Ion:104 Resp: 152  
Ion Ratio Lower Upper  
104 100  
78 173.0 40.0 60.0#  
103 152.6 44.3 66.5#



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



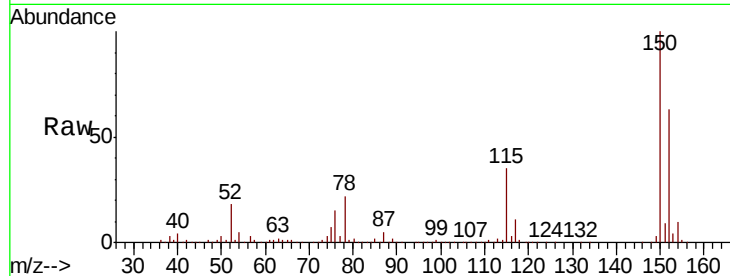


#72

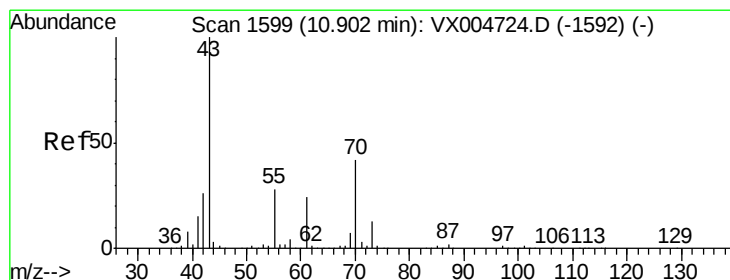
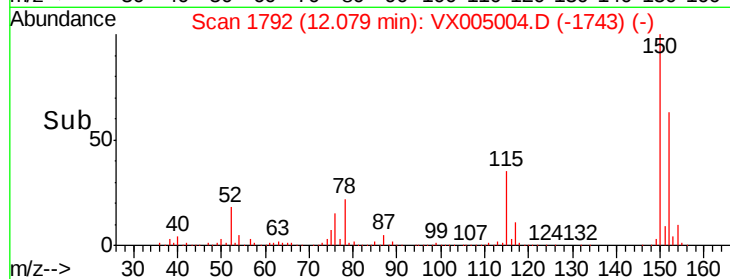
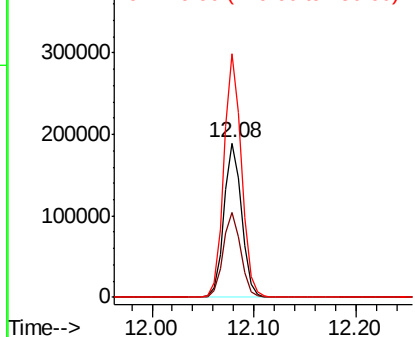
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
CB-1018-S-TCLP-GRID41-2

Tot Ion:152 Resp: 226609  
Ion Ratio Lower Upper  
152 100  
115 55.5 40.2 120.6  
150 157.2 0.0 351.0



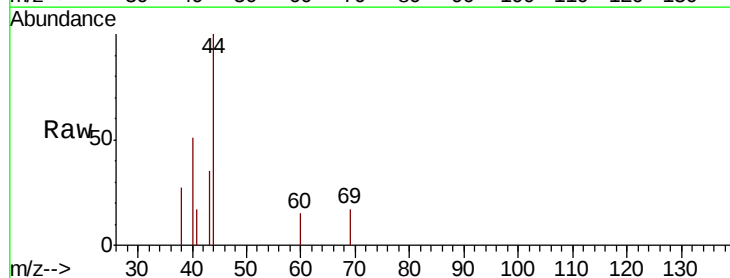
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



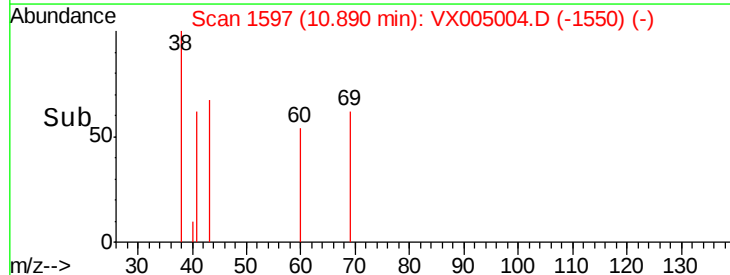
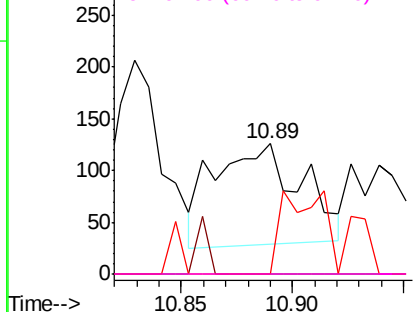
#74

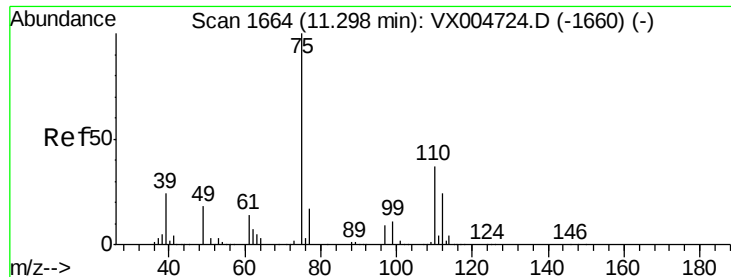
N-ethyl acetate  
Concen: 1.781 ug/l  
RT: 10.89 min Scan# 1597  
Delta R.T. -0.01 min  
Lab File: VX005004.D  
Acq: 04 Oct 2018 07:48

Tgt Ion: 43 Resp: 266  
Ion Ratio Lower Upper  
43 100  
70 0.0 32.6 48.8#  
55 39.5 21.6 32.4#  
61 0.0 19.1 28.7#



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





#76

1,2,3-Trichloropropane

Concen: 20.774 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA\_X

ClientSampleId :

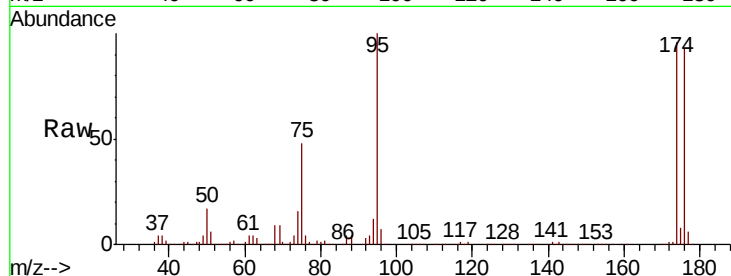
CB-1018-S-TCLP-GRID41-2

Tot Ion: 75 Resp: 105515

Ion Ratio Lower Upper

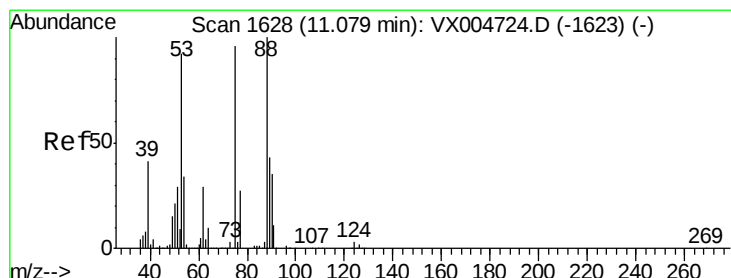
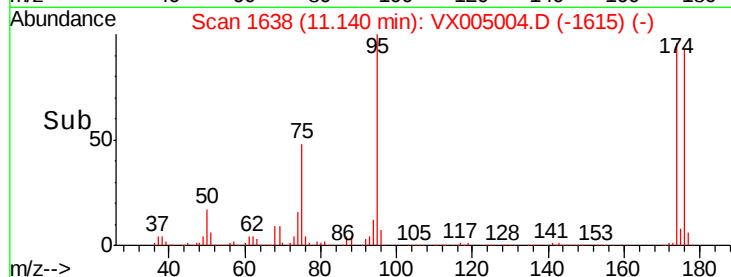
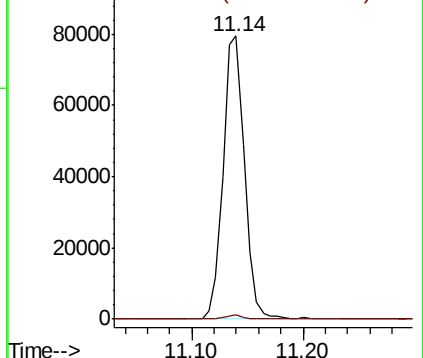
75 100

77 1.3 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 56.394 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

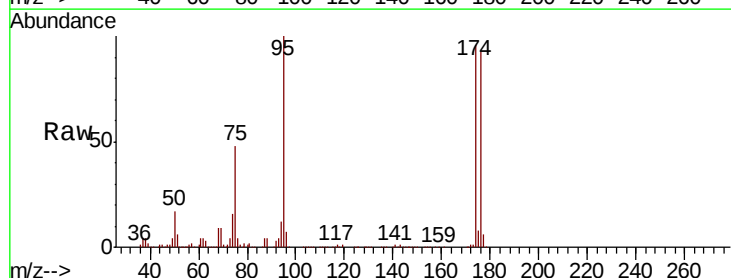
Tgt Ion: 75 Resp: 105515

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.4#

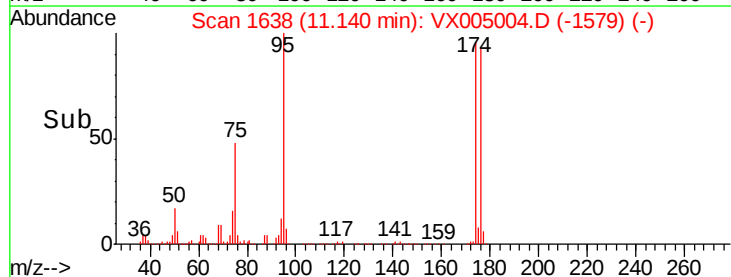
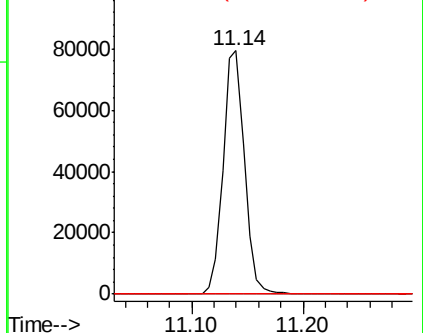
89 0.0 37.1 55.7#

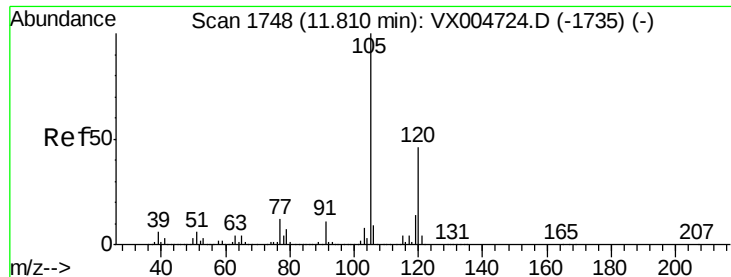


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#84

1,2,4-Trimethylbenzene

Concen: 0.302 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA\_X

ClientSampleId :

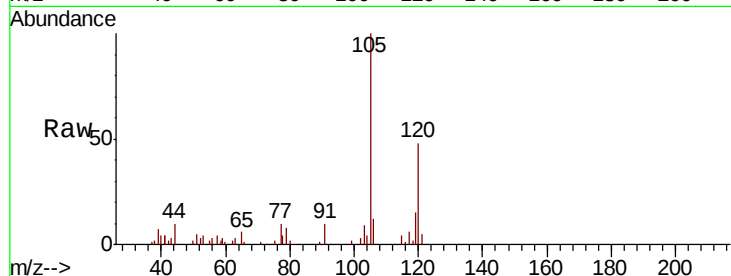
CB-1018-S-TCLP-GRID41-2

Tot Ion:105 Resp: 6734

Ion Ratio Lower Upper

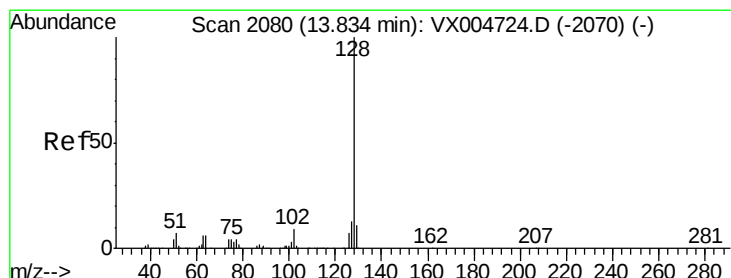
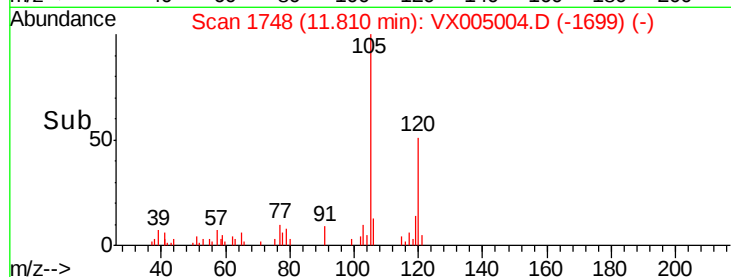
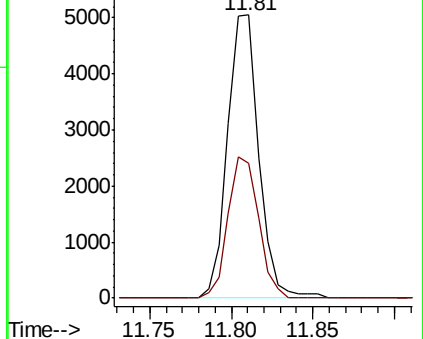
105 100

120 48.6 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.004 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

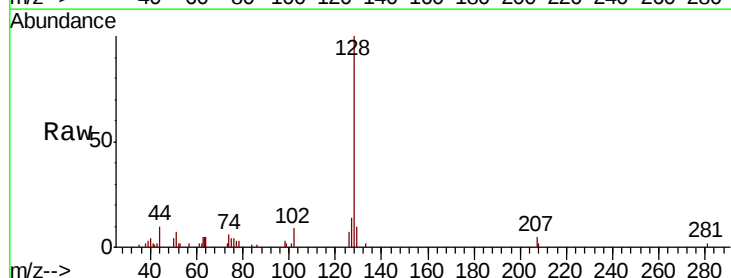
Tgt Ion:128 Resp: 5438

Ion Ratio Lower Upper

128 100

127 13.7 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

