

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\  
 Data File : VX004780.D  
 Acq On : 27 Sep 2018 17:57  
 Operator : JC/MD  
 Sample : J5048-12 5X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-144-SEP18

Quant Time: Sep 28 05:52:03 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 14:17:02 2018  
 Response via : Initial Calibration

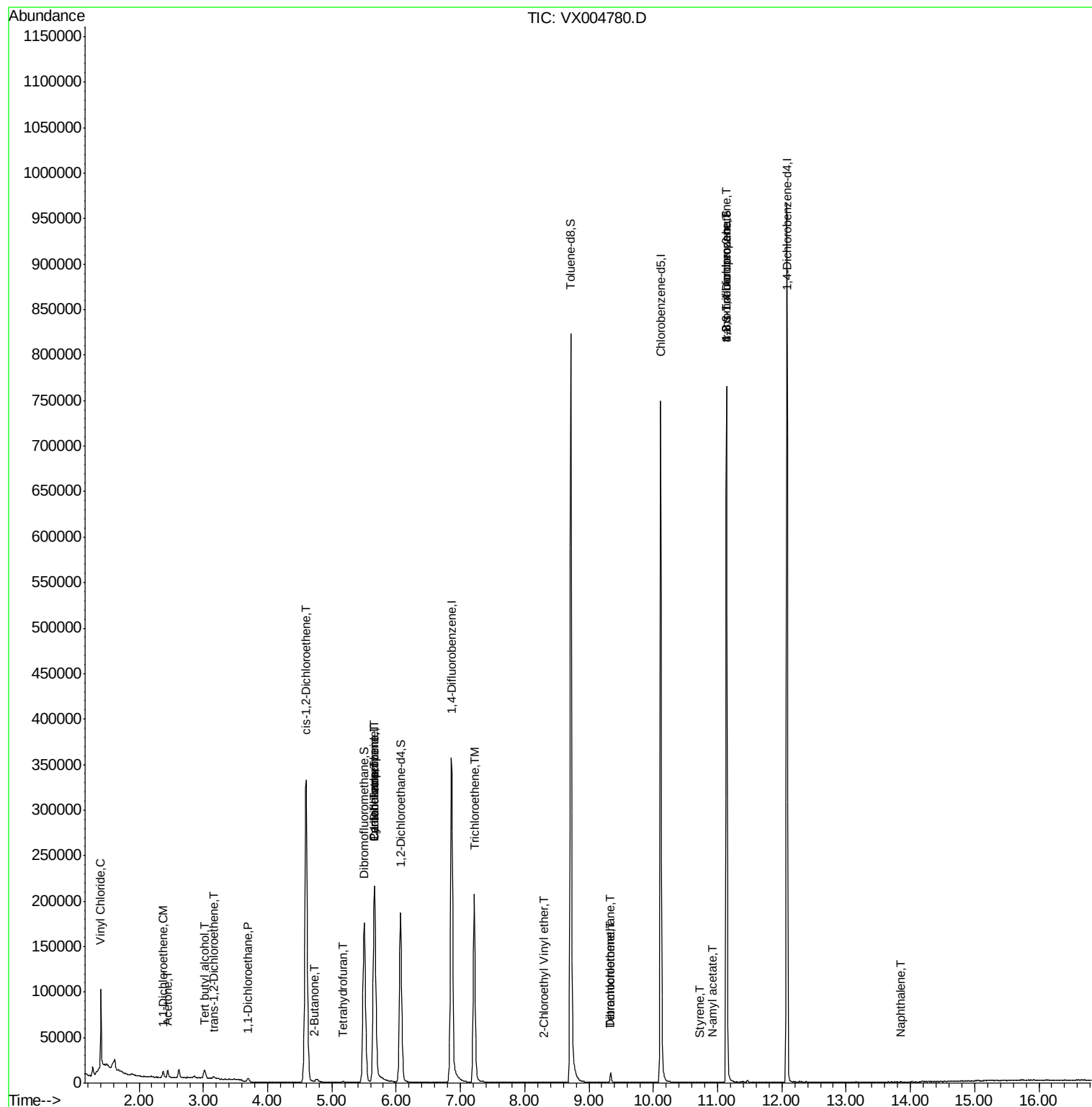
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 5.67   | 168  | 236310   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.86   | 114  | 376475   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.12  | 117  | 364008   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.08  | 152  | 199549   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.07   | 65   | 177807   | 52.67     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 105.34% |          |
| 35) Dibromofluoromethane       | 5.50   | 113  | 148484   | 46.54     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 93.08%  |          |
| 50) Toluene-d8                 | 8.71   | 98   | 541999   | 51.10     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 102.20% |          |
| 62) 4-Bromofluorobenzene       | 11.14  | 95   | 193281   | 50.58     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 101.16% |          |
| Target Compounds               |        |      |          |           |         |          |
|                                |        |      |          |           | Qvalue  |          |
| 4) Vinyl Chloride              | 1.40   | 62   | 55808    | 15.222    | ug/l    | 96       |
| 6) Chloroethane                | 1.89   | 64   | 1280     | Below Cal | #       | 47       |
| 11) Tert butyl alcohol         | 3.02   | 59   | 6272     | 6.645     | ug/l #  | 81       |
| 12) 1,1-Dichloroethene         | 2.37   | 96   | 2199     | 0.859     | ug/l    | 99       |
| 16) Acetone                    | 2.45   | 43   | 8459     | 4.292     | ug/l    | 90       |
| 20) Methylene Chloride         | 2.85   | 84   | 818      | Below Cal |         | 87       |
| 21) trans-1,2-Dichloroethene   | 3.17   | 96   | 710      | 0.253     | ug/l #  | 82       |
| 24) 1,1-Dichloroethane         | 3.70   | 63   | 4177     | 0.744     | ug/l    | 97       |
| 25) 2-Butanone                 | 4.71   | 43   | 675      | 0.232     | ug/l #  | 47       |
| 27) cis-1,2-Dichloroethene     | 4.60   | 96   | 212796   | 67.959    | ug/l    | 95       |
| 29) Tetrahydrofuran            | 5.17   | 42   | 843      | 0.467     | ug/l #  | 62       |
| 31) Cyclohexane                | 5.67   | 56   | 4406     | 1.026     | ug/l #  | 3        |
| 36) 1,1-Dichloropropene        | 5.66   | 75   | 16635    | 3.821     | ug/l #  | 49       |
| 38) Carbon Tetrachloride       | 5.67   | 117  | 21469    | 4.692     | ug/l #  | 16       |
| 44) Trichloroethene            | 7.21   | 130  | 82768    | 24.704    | ug/l    | 89       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29   | 63   | 20       | 14.249    | ug/l #  | 45       |
| 60) Dibromochloromethane       | 9.34   | 129  | 1936     | 0.590     | ug/l #  | 11       |
| 64) Tetrachloroethene          | 9.34   | 164  | 2295     | 0.641     | ug/l    | 91       |
| 70) Styrene                    | 10.72  | 104  | 20       | 2.142     | ug/l #  | 34       |
| 74) N-amyl acetate             | 10.91  | 43   | 56       | 1.756     | ug/l #  | 40       |
| 76) 1,2,3-Trichloropropane     | 11.14  | 75   | 96140    | 21.495    | ug/l #  | 37       |
| 80) 1,3,5-Trimethylbenzene     | 11.51  | 105  | 117      | Below Cal | #       | 27       |
| 81) trans-1,4-Dichloro-2-buten | 11.14  | 75   | 96140    | 58.283    | ug/l #  | 10       |
| 84) 1,2,4-Trimethylbenzene     | 11.81  | 105  | 188      | Below Cal | #       | 49       |
| 95) Naphthalene                | 13.84  | 128  | 319      | 0.738     | ug/l #  | 70       |

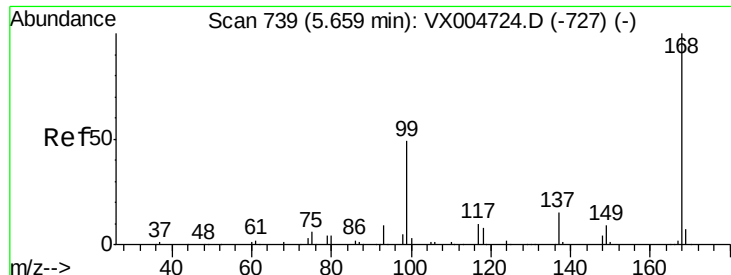
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092718\  
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MW-144-SEP18

Quant Time: Sep 28 05:52:03 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
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QLast Update : Wed Sep 26 14:17:02 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: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA\_X

ClientSampleId :

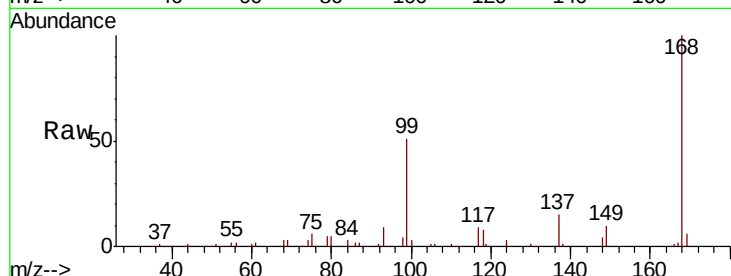
MW-144-SEP18

Tot Ion:168 Resp: 236310

Ion Ratio Lower Upper

168 100

99 51.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

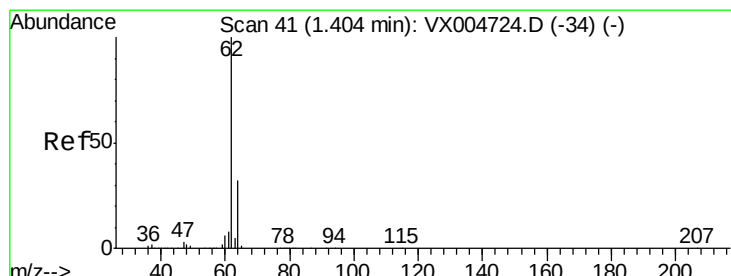
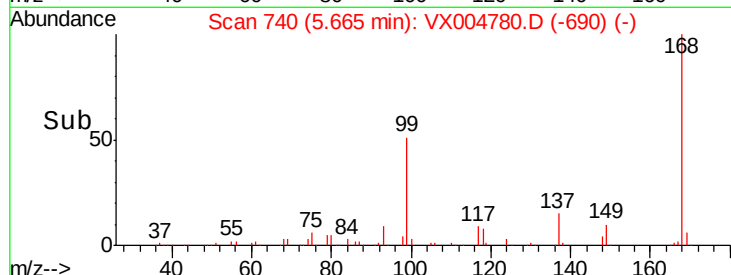
40000

20000

0

5.60 5.80 6.00

Time-->



#4

Vinyl Chloride

Concen: 15.222 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004780.D

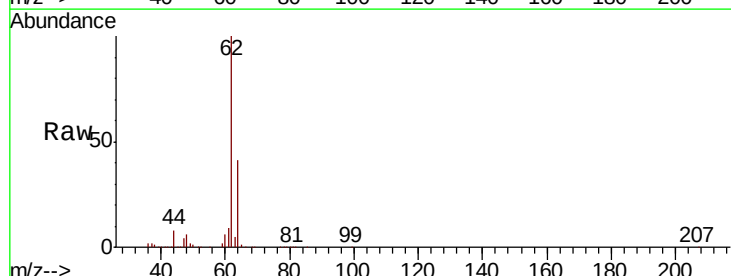
Acq: 27 Sep 2018 17:57

Tgt Ion: 62 Resp: 55808

Ion Ratio Lower Upper

62 100

64 30.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

60000

50000

40000

30000

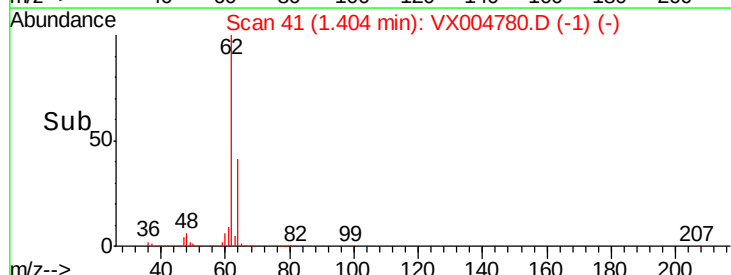
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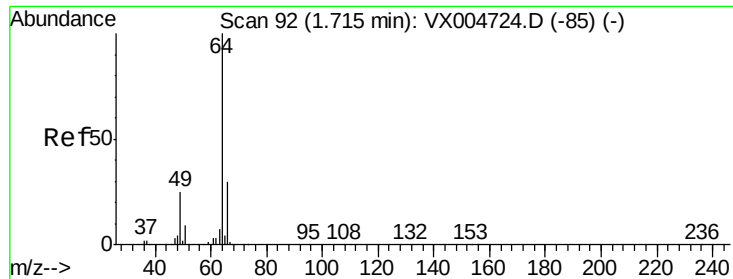
10000

0

1.35 1.40 1.45 1.50

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.89 min Scan# 121

Delta R.T. 0.18 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA\_X

ClientSampleId :

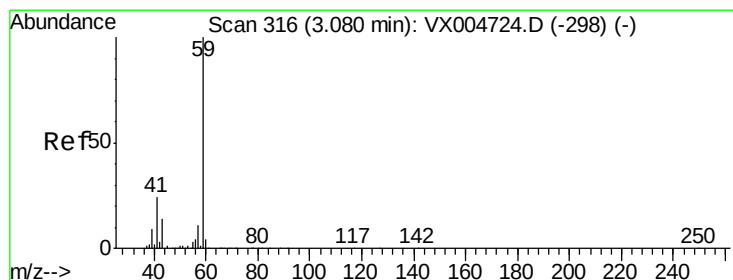
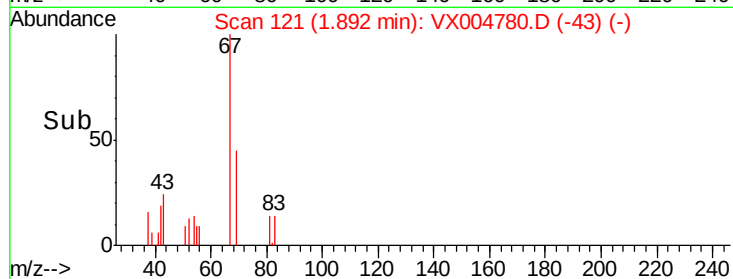
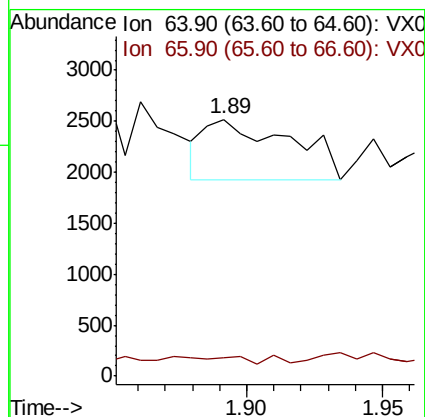
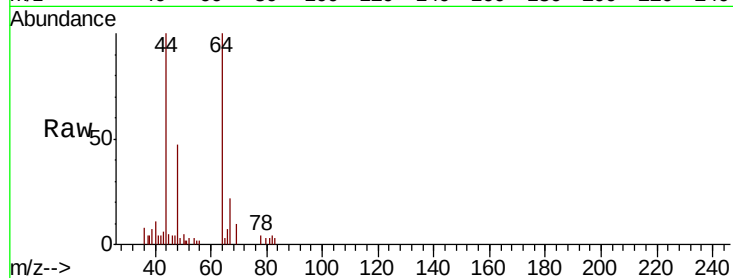
MW-144-SEP18

Tot Ion: 64 Resp: 1280

Ion Ratio Lower Upper

64 100

66 1.5 24.6 36.8#



#11

Tert butyl alcohol

Concen: 6.645 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX004780.D

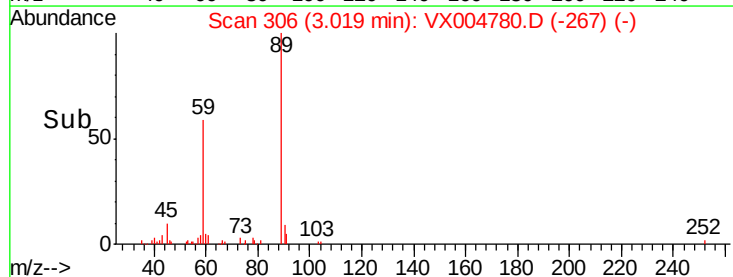
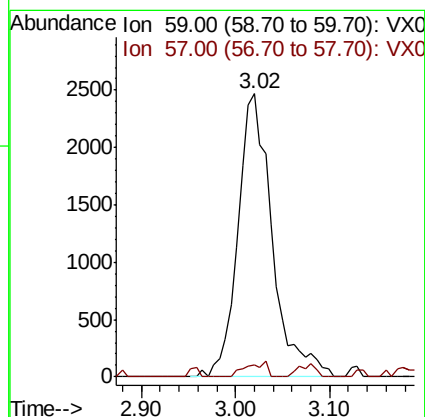
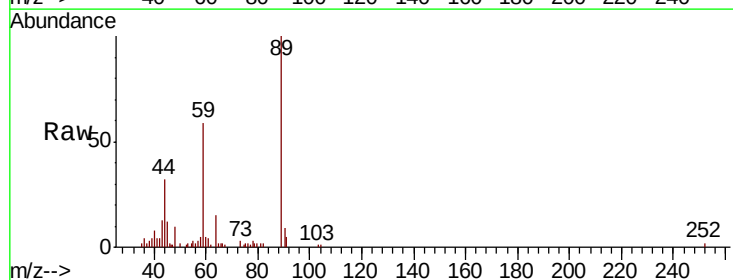
Acq: 27 Sep 2018 17:57

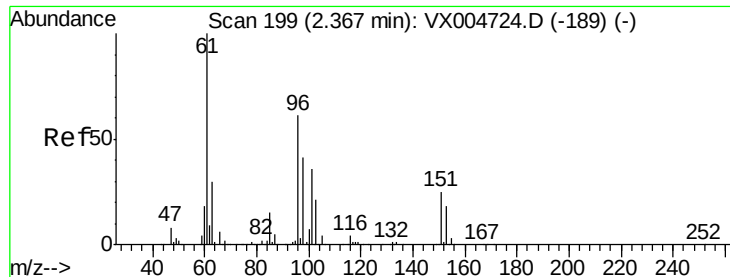
Tgt Ion: 59 Resp: 6272

Ion Ratio Lower Upper

59 100

57 3.2 8.2 12.4#

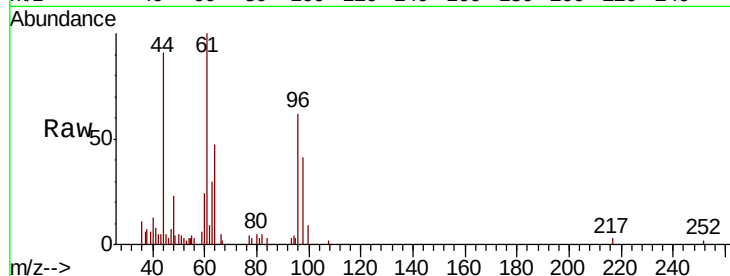




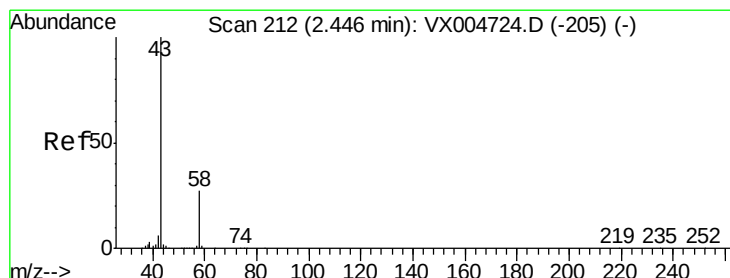
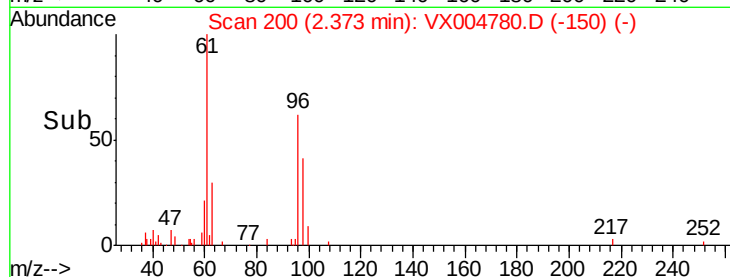
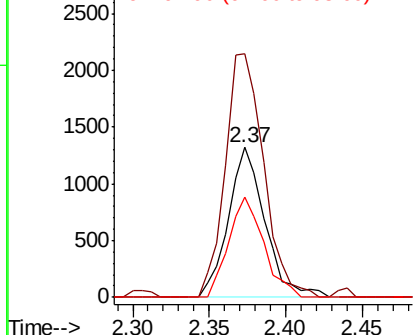
#12  
 1,1-Dichloroethene  
 Concen: 0.859 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. 0.01 min  
 Lab File: VX004780.D  
 Acq: 27 Sep 2018 17:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-144-SEP18

Tot Ion: 96 Resp: 2199  
 Ion Ratio Lower Upper  
 96 100  
 61 162.5 128.8 193.2  
 98 66.8 52.2 78.2

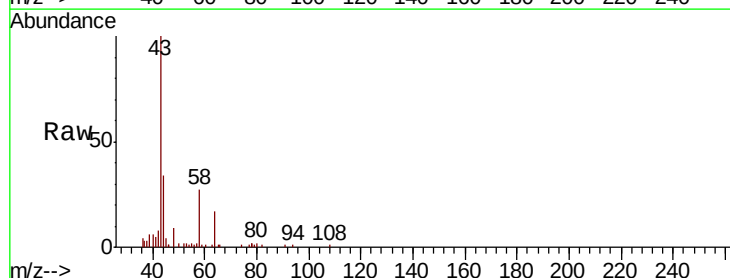


Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0

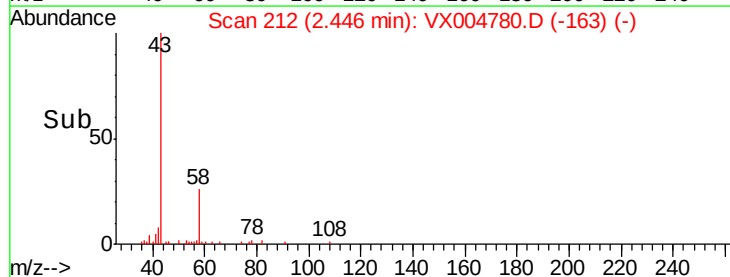
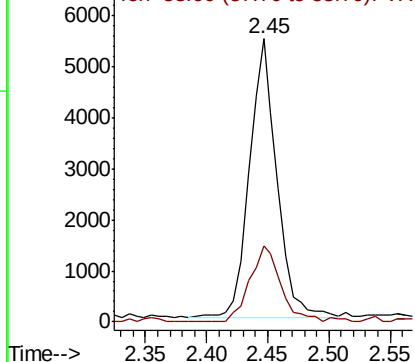


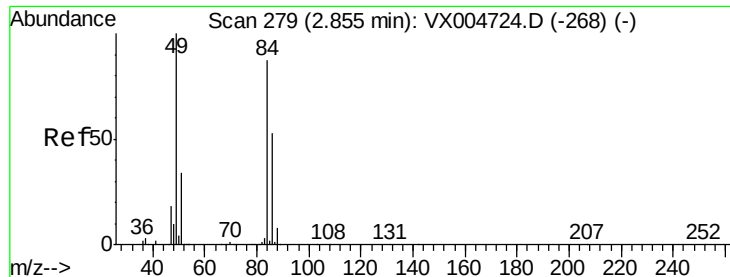
#16  
 Acetone  
 Concen: 4.292 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX004780.D  
 Acq: 27 Sep 2018 17:57

Tgt Ion: 43 Resp: 8459  
 Ion Ratio Lower Upper  
 43 100  
 58 27.1 26.2 39.4



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

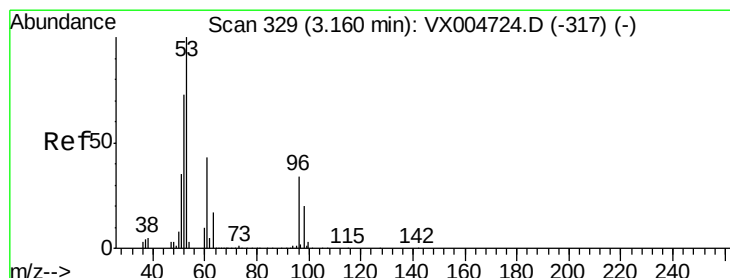
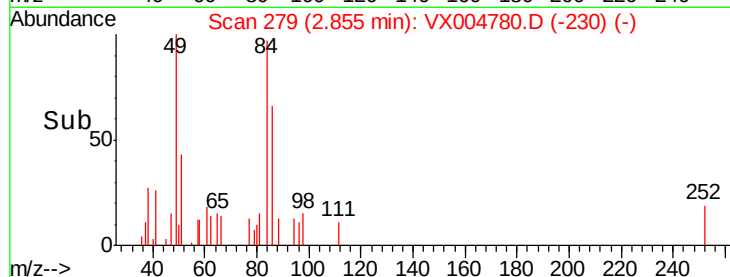
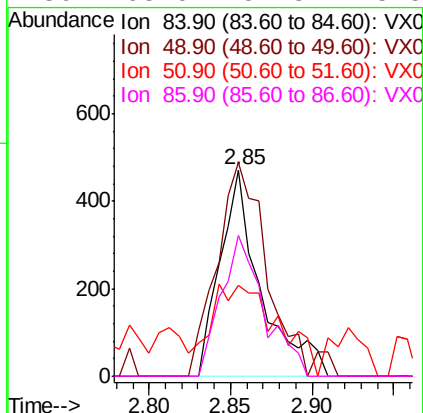
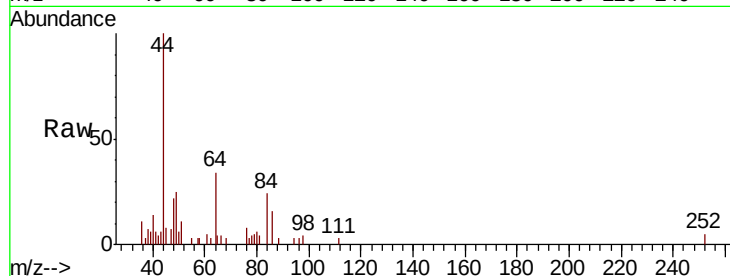




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX004780.D  
Acq: 27 Sep 2018 17:57

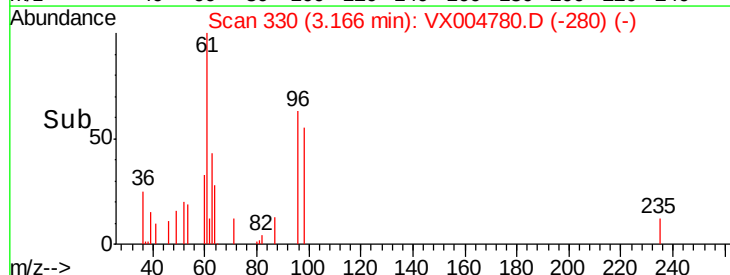
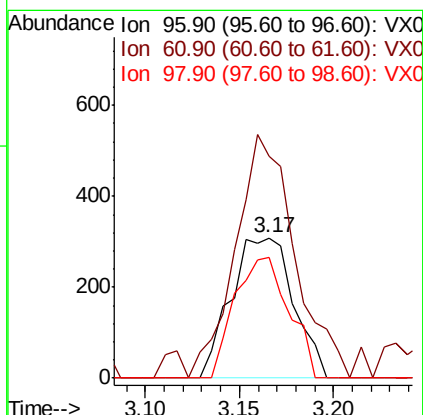
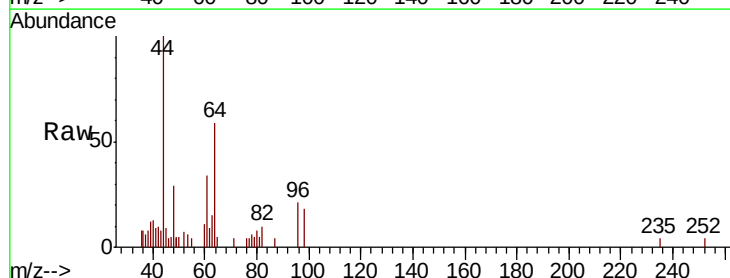
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-144-SEP18

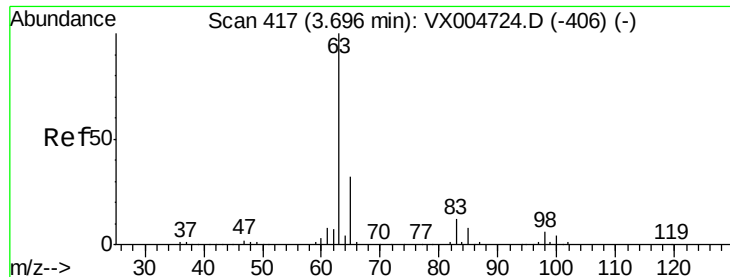
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 818   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 103.4 | 101.2 | 151.8 |
| 51       | 33.3  | 29.5  | 44.3  |
| 86       | 68.0  | 52.3  | 78.5  |



#21  
trans-1,2-Dichloroethene  
Concen: 0.253 ug/l  
RT: 3.17 min Scan# 330  
Delta R.T. 0.01 min  
Lab File: VX004780.D  
Acq: 27 Sep 2018 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 710   |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 158.8 | 113.8 | 170.6 |
| 98       | 86.7  | 51.8  | 77.8# |





#24

1,1-Dichloroethane

Concen: 0.744 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA\_X

ClientSampleId :

MW-144-SEP18

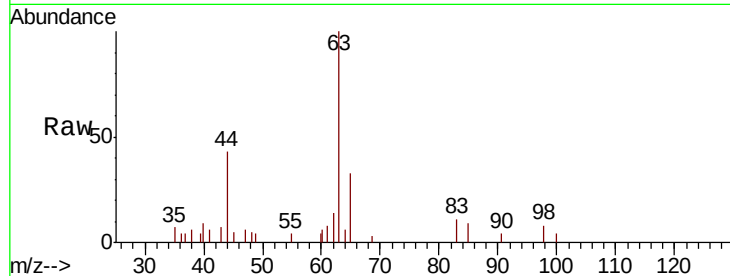
Tot Ion: 63 Resp: 4177

Ion Ratio Lower Upper

63 100

98 8.3 3.5 10.4

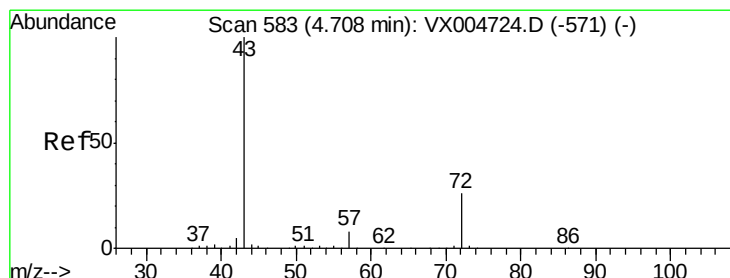
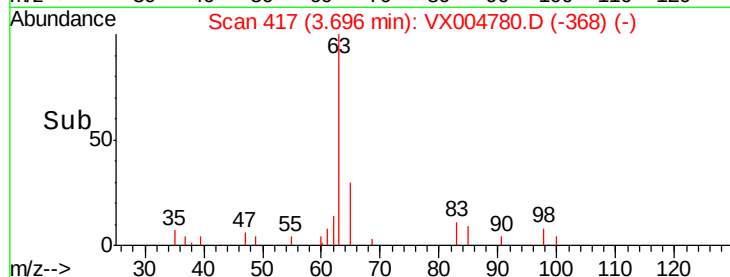
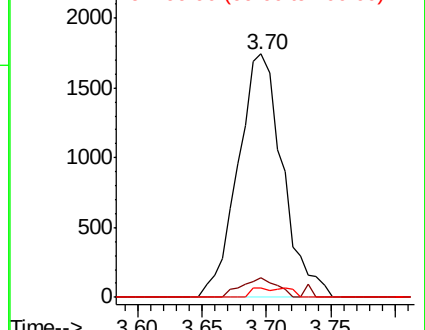
100 3.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.232 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX004780.D

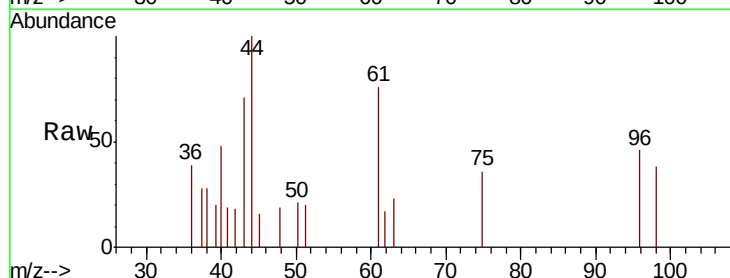
Acq: 27 Sep 2018 17:57

Tgt Ion: 43 Resp: 675

Ion Ratio Lower Upper

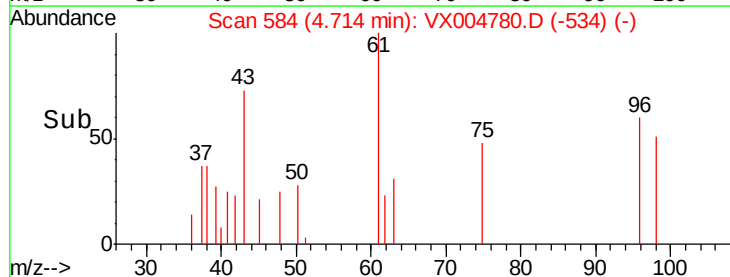
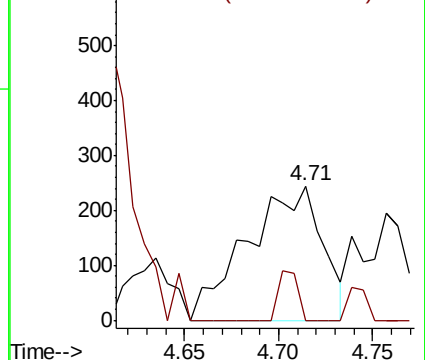
43 100

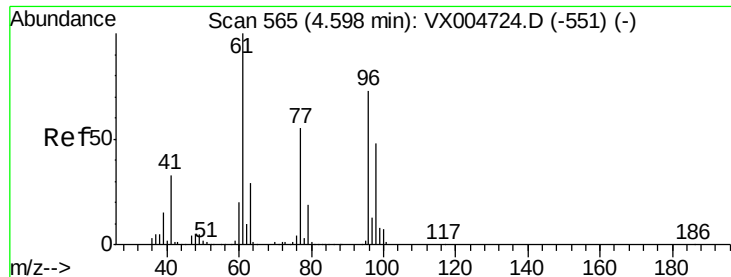
72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



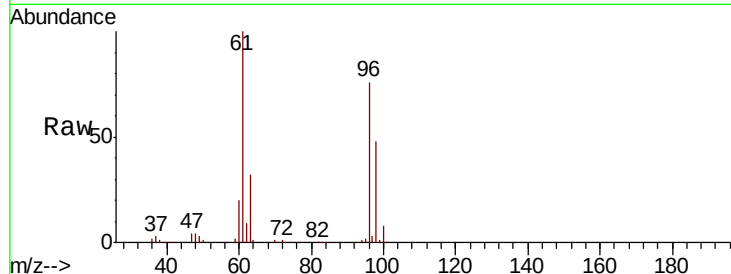


#27

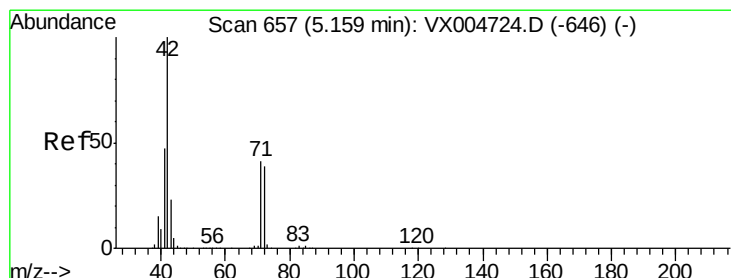
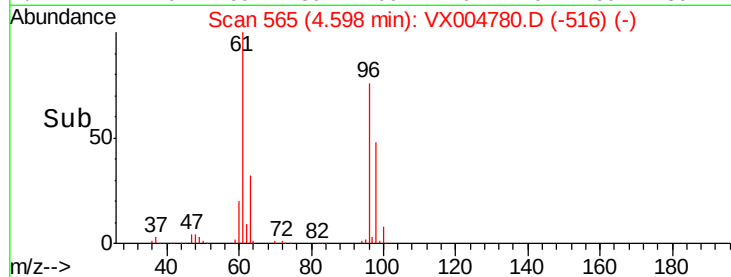
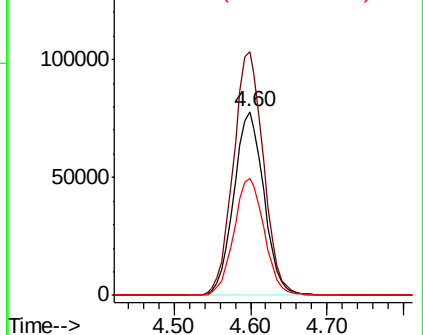
cis-1,2-Dichloroethene  
 Concen: 67.959 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.00 min  
 Lab File: VX004780.D  
 Acq: 27 Sep 2018 17:57

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MW-144-SEP18

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 133.0 | 0.0   | 282.6 |
| 98      | 64.2  | 0.0   | 130.2 |



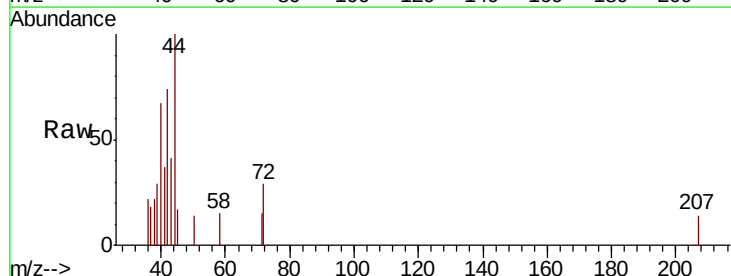
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



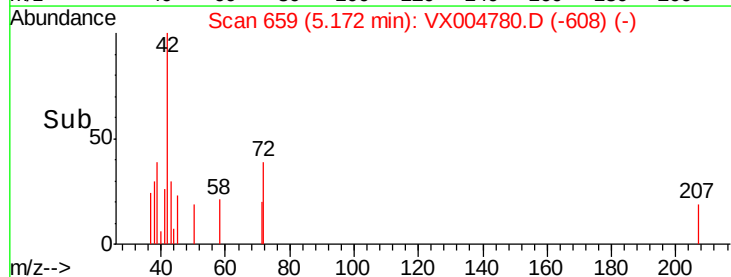
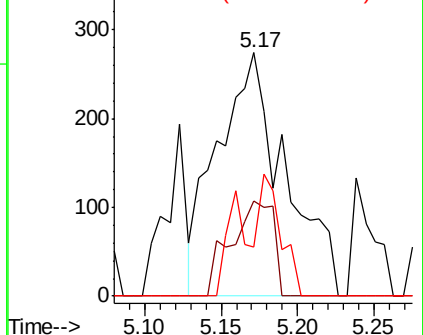
#29

Tetrahydrofuran  
 Concen: 0.467 ug/l  
 RT: 5.17 min Scan# 659  
 Delta R.T. 0.01 min  
 Lab File: VX004780.D  
 Acq: 27 Sep 2018 17:57

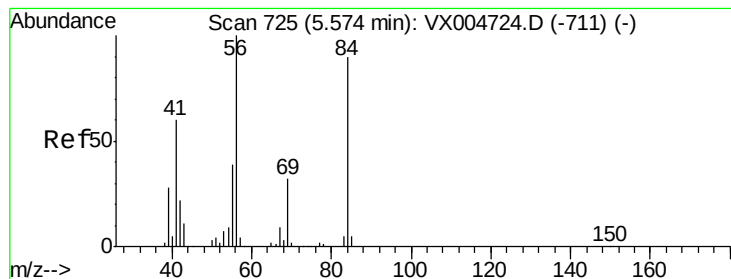
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 24.7  | 37.4  | 56.0# |
| 71      | 16.0  | 34.5  | 51.7# |



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







#31

Cyclohexane

Concen: 1.026 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA\_X

ClientSampleId :

MW-144-SEP18

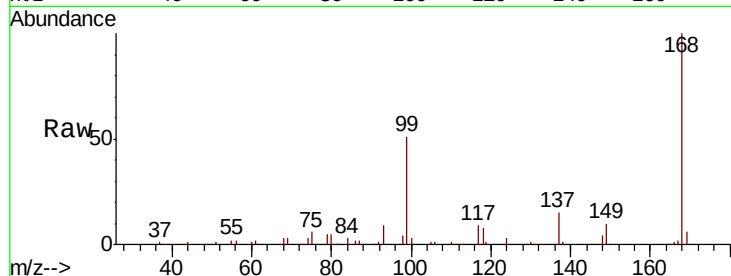
Tot Ion: 56 Resp: 4406

Ion Ratio Lower Upper

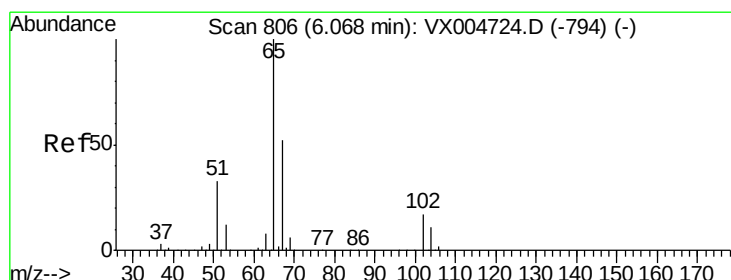
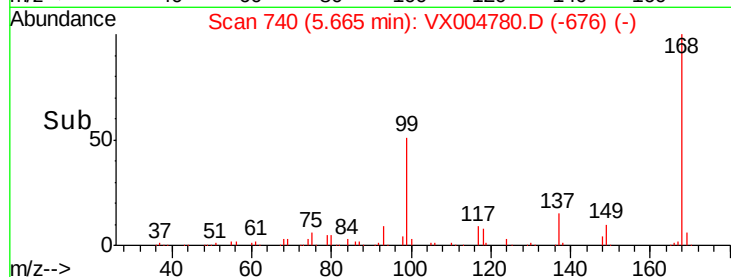
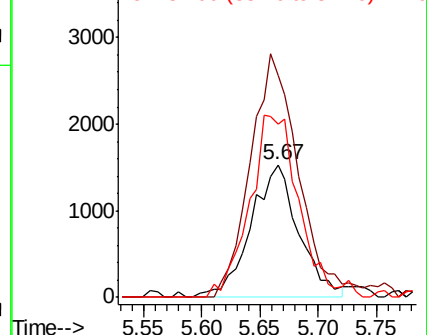
56 100

69 167.6 25.4 38.2#

84 130.7 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.673 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004780.D

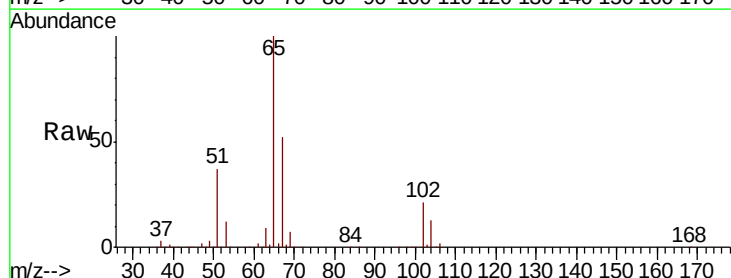
Acq: 27 Sep 2018 17:57

Tgt Ion: 65 Resp: 177807

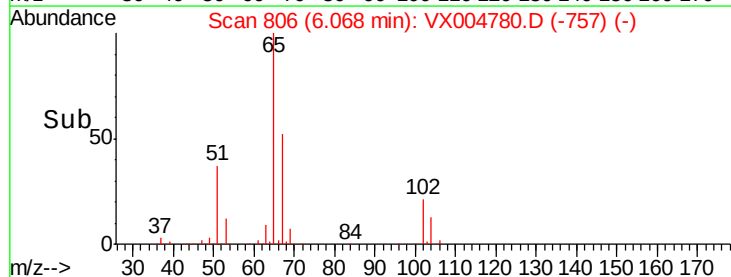
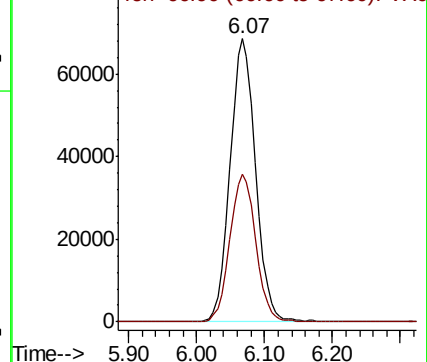
Ion Ratio Lower Upper

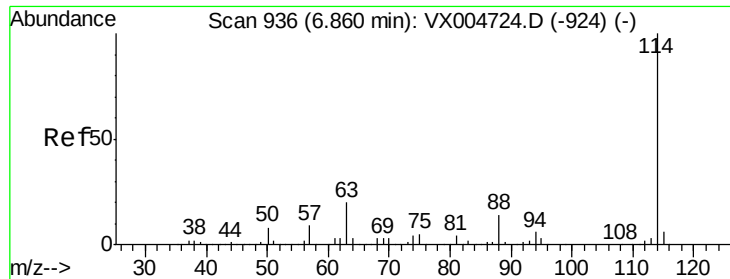
65 100

67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0  
Ion 66.90 (66.60 to 67.60): VX0

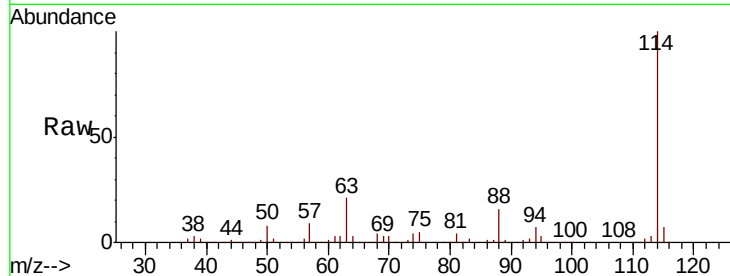




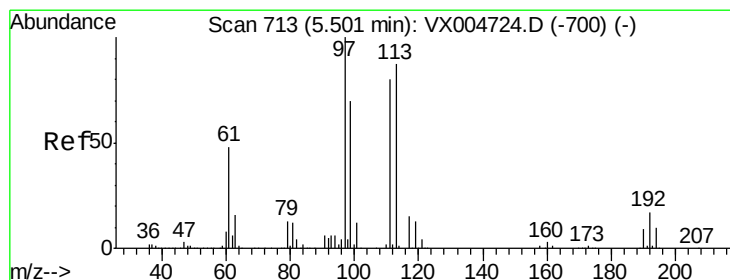
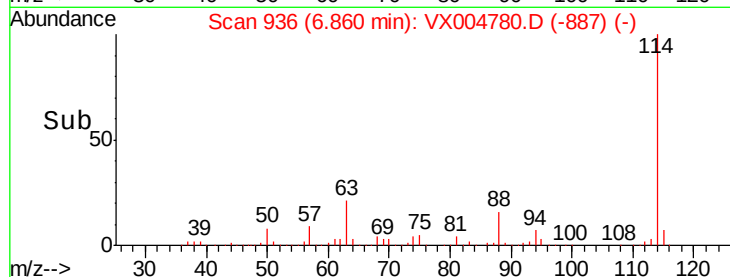
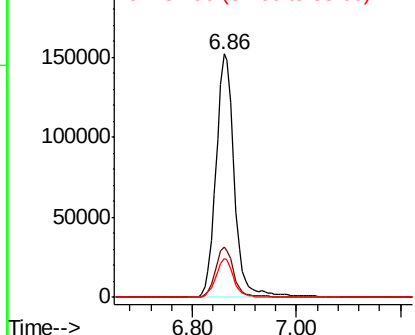
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX004780.D  
 Acq: 27 Sep 2018 17:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-144-SEP18

Tot Ion:114 Resp: 376475  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 0.0 39.0  
 88 16.0 0.0 30.4

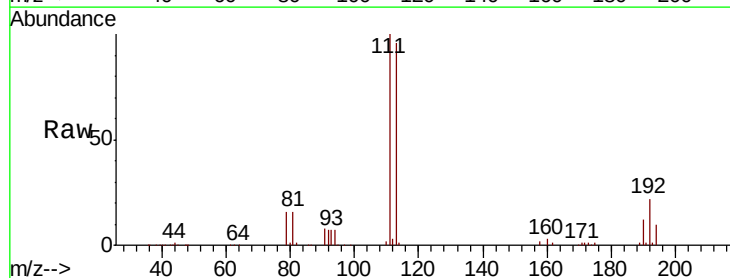


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VX0  
 Ion 87.90 (87.60 to 88.60): VX0

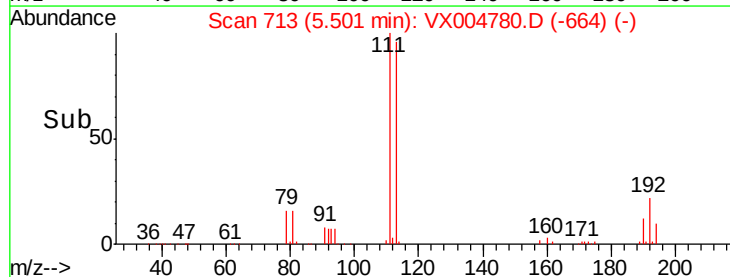
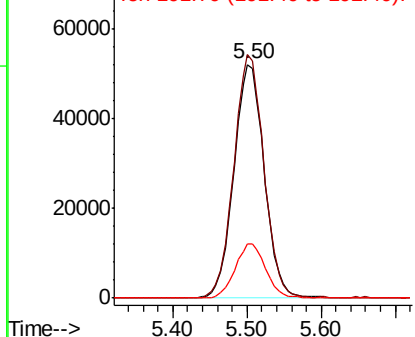


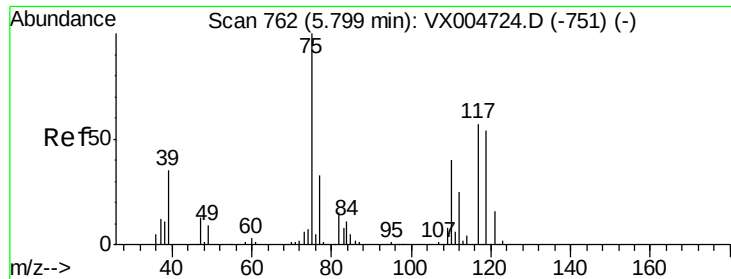
#35  
 Dibromofluoromethane  
 Concen: 46.537 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX004780.D  
 Acq: 27 Sep 2018 17:57

Tgt Ion:113 Resp: 148484  
 Ion Ratio Lower Upper  
 113 100  
 111 103.1 82.4 123.6  
 192 23.2 19.4 29.2



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: 3.821 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA\_X

ClientSampleId :

MW-144-SEP18

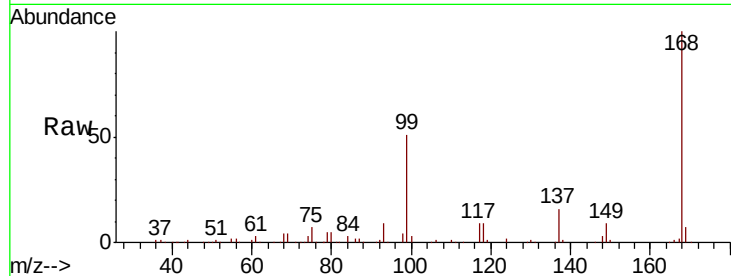
Tot Ion: 75 Resp: 16635

Ion Ratio Lower Upper

75 100

110 8.7 18.0 54.0#

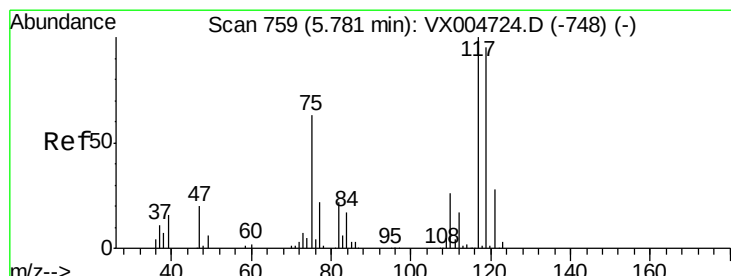
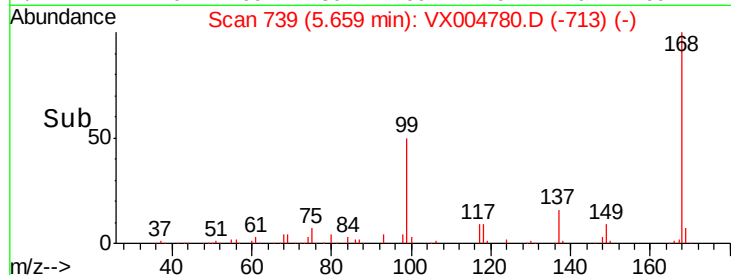
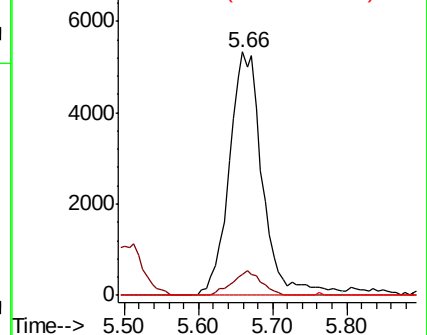
77 0.0 24.6 36.8#



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



#38

Carbon Tetrachloride

Concen: 4.692 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

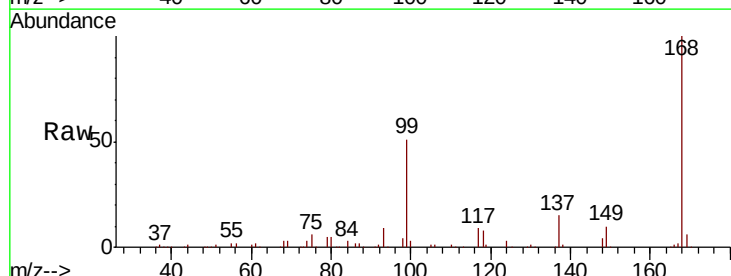
Tgt Ion: 117 Resp: 21469

Ion Ratio Lower Upper

117 100

119 6.6 78.8 118.2#

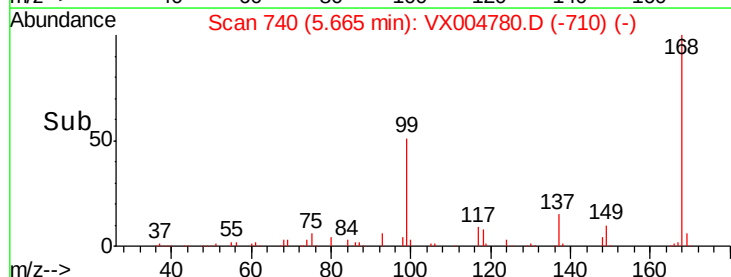
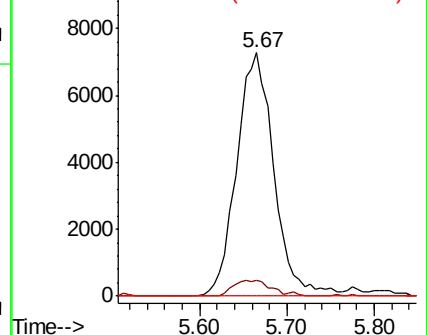
121 0.0 24.9 37.3#

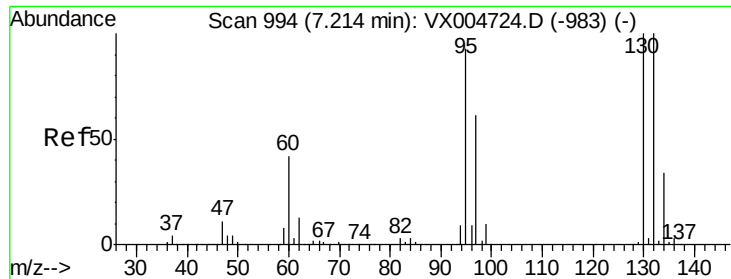


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

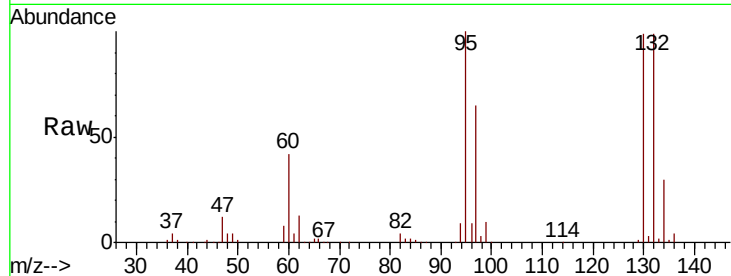




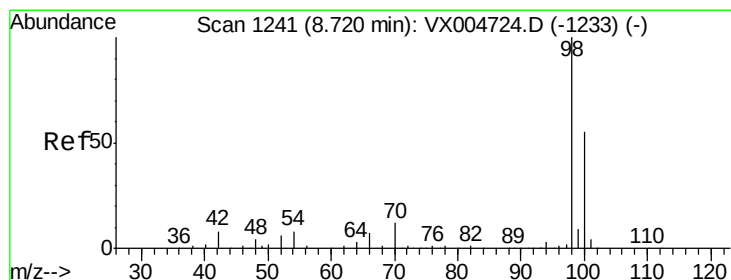
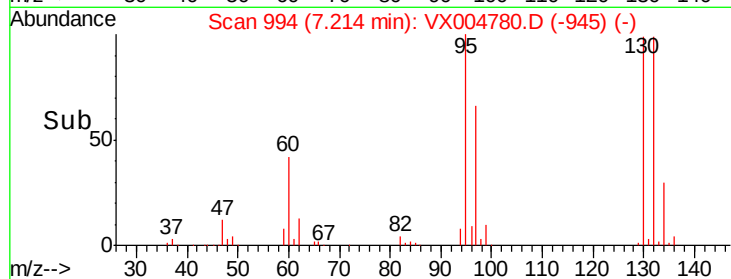
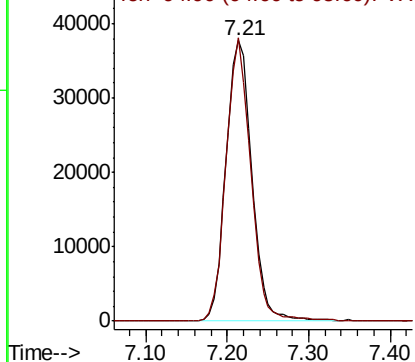
#44  
 Trichloroethene  
 Concen: 24.704 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: VX004780.D  
 Acq: 27 Sep 2018 17:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-144-SEP18

Tot Ion:130 Resp: 82768  
 Ion Ratio Lower Upper  
 130 100  
 95 100.9 0.0 181.6

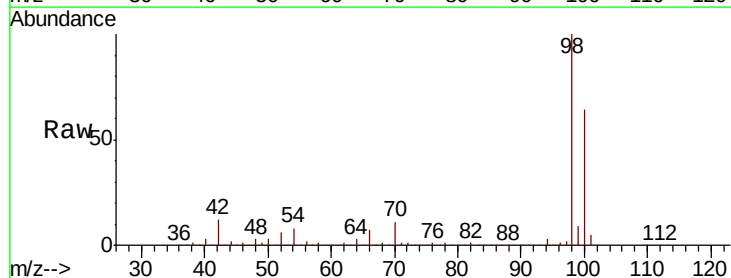


Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VX0

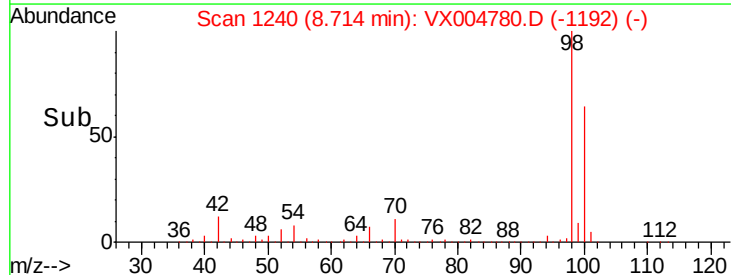
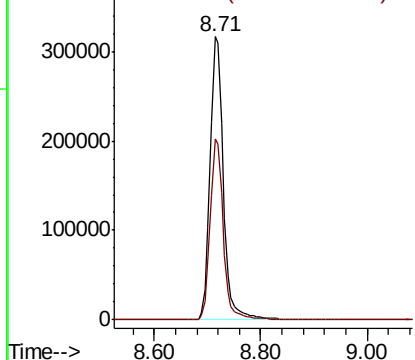


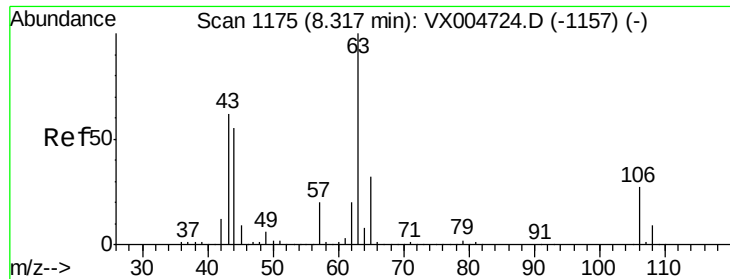
#50  
 Toluene-d8  
 Concen: 51.096 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. -0.01 min  
 Lab File: VX004780.D  
 Acq: 27 Sep 2018 17:57

Tgt Ion: 98 Resp: 541999  
 Ion Ratio Lower Upper  
 98 100  
 100 63.6 52.9 79.3



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





#58

2-Chloroethyl Vinyl ether

Concen: 14.249 ug/l

RT: 8.29 min Scan# 1171

Delta R.T. -0.02 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA\_X

ClientSampleId :

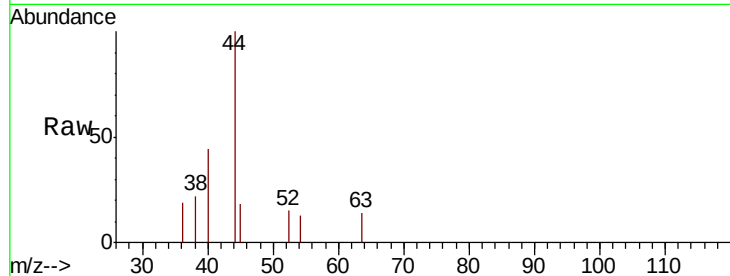
MW-144-SEP18

Tot Ion: 63 Resp: 20

Ion Ratio Lower Upper

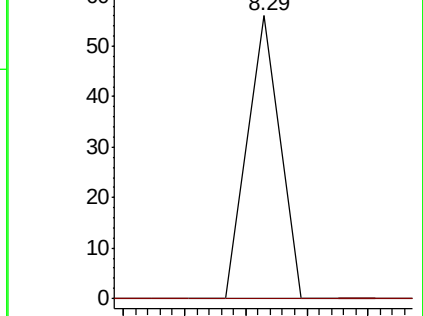
63 100

106 0.0 23.9 35.9#

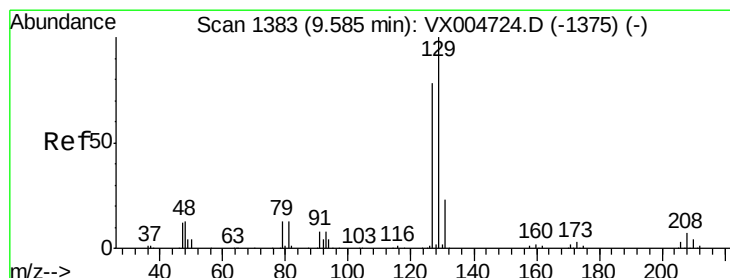
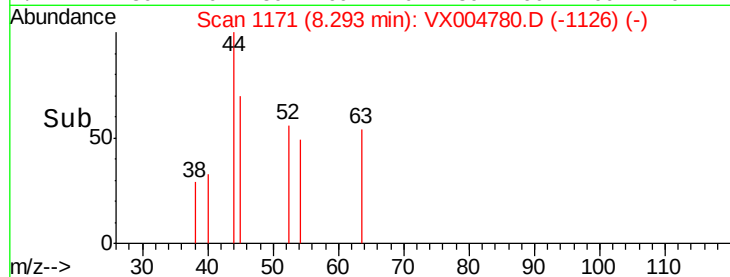


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time--> 8.27 8.28 8.29 8.30 8.31



#60

Dibromochloromethane

Concen: 0.590 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX004780.D

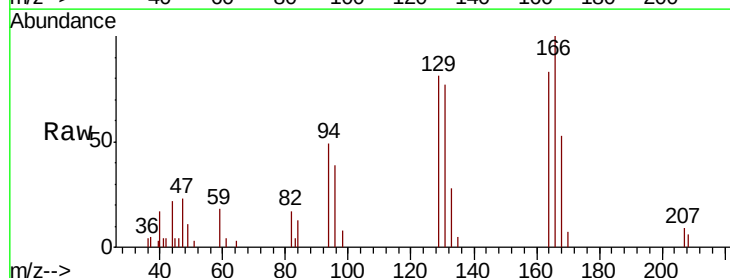
Acq: 27 Sep 2018 17:57

Tgt Ion:129 Resp: 1936

Ion Ratio Lower Upper

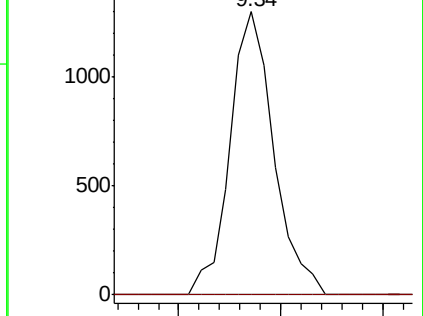
129 100

127 0.0 38.5 115.5#

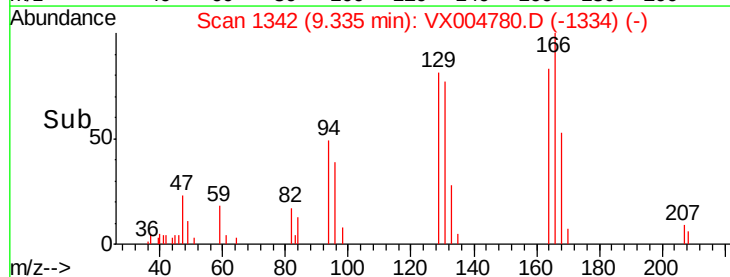


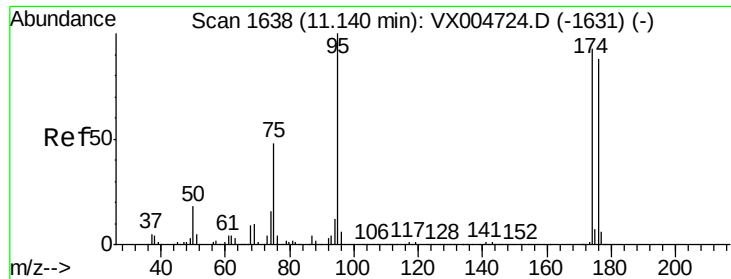
Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time--> 9.30 9.35 9.40

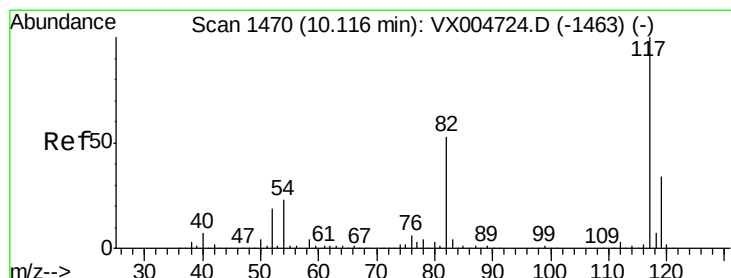
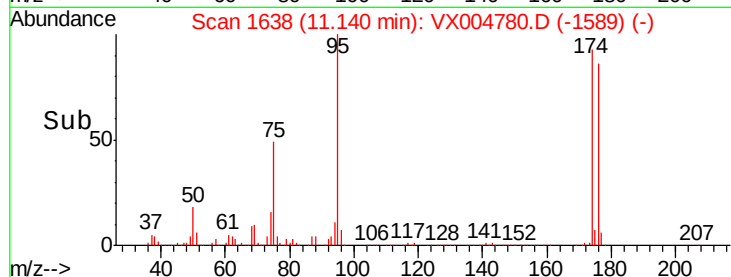
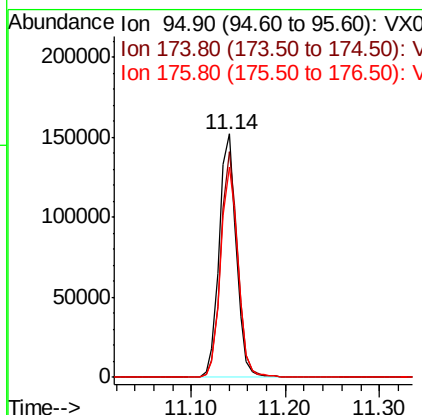
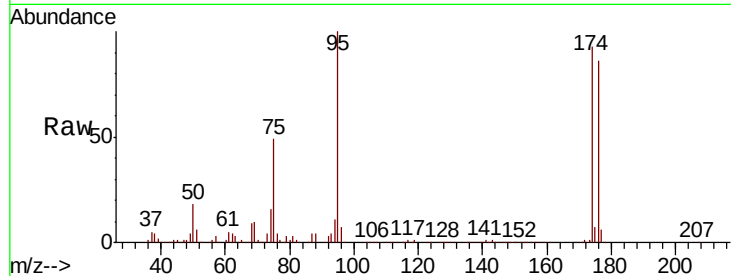




#62  
4-Bromofluorobenzene  
Concen: 50.579 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. 0.00 min  
Lab File: VX004780.D  
Acq: 27 Sep 2018 17:57

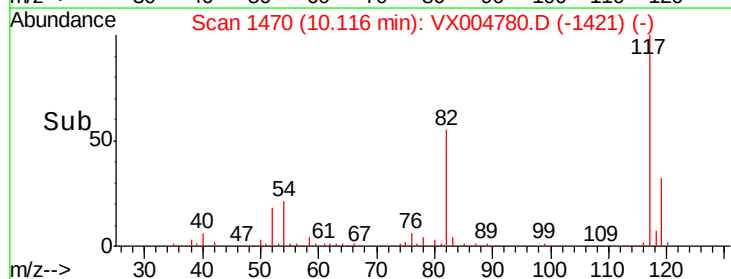
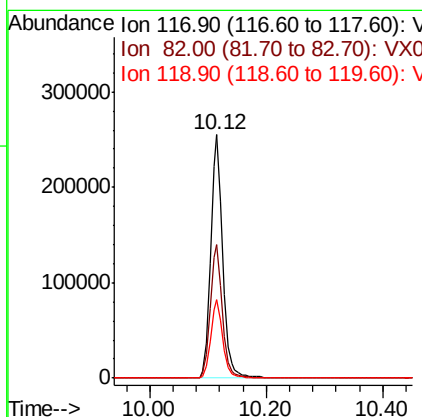
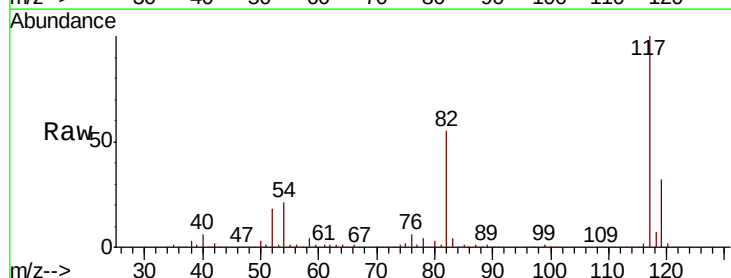
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-144-SEP18

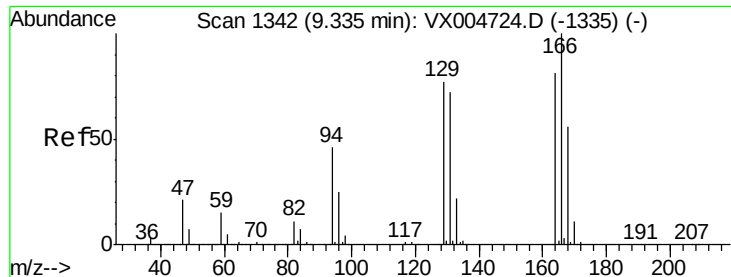
Tot Ion: 95 Resp: 193281  
Ion Ratio Lower Upper  
95 100  
174 91.8 0.0 185.2  
176 87.7 0.0 178.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX004780.D  
Acq: 27 Sep 2018 17:57

Tgt Ion: 117 Resp: 364008  
Ion Ratio Lower Upper  
117 100  
82 55.1 47.8 71.6  
119 32.0 29.3 43.9





#64

Tetrachloroethene

Concen: 0.641 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA\_X

ClientSampleId :

MW-144-SEP18

Tot Ion:164 Resp: 2295

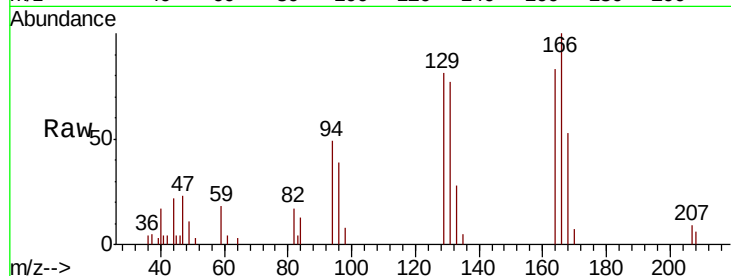
Ion Ratio Lower Upper

164 100

166 120.2 102.8 154.2

129 96.8 69.4 104.0

131 92.3 67.9 101.9



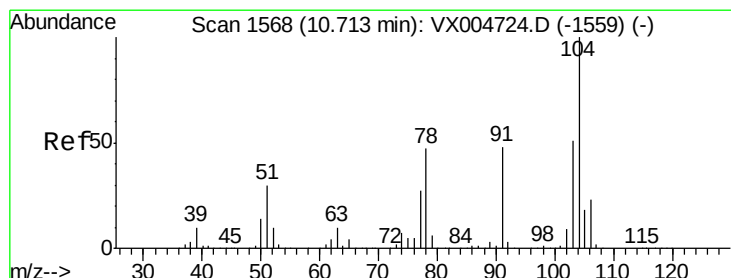
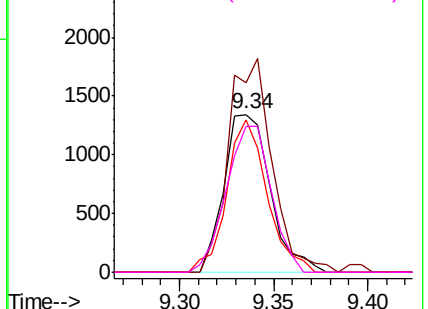
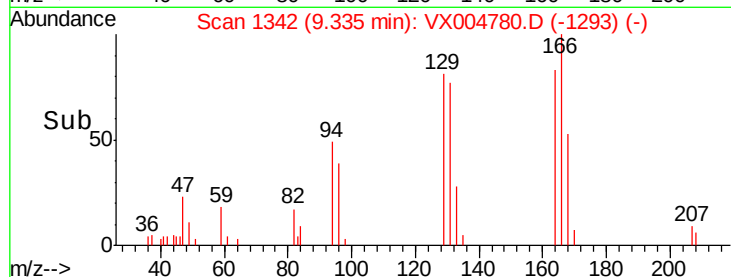
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#70

Styrene

Concen: 2.142 ug/l

RT: 10.72 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

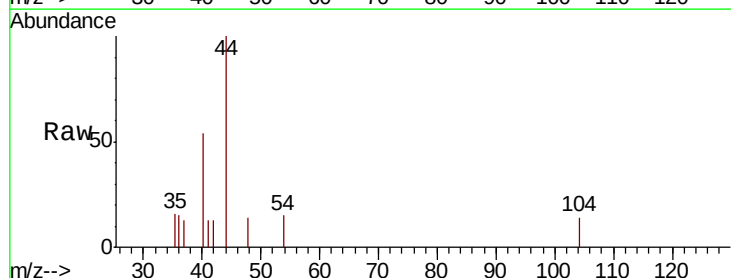
Tgt Ion:104 Resp: 20

Ion Ratio Lower Upper

104 100

78 0.0 37.4 56.0#

103 100.0 43.8 65.6#

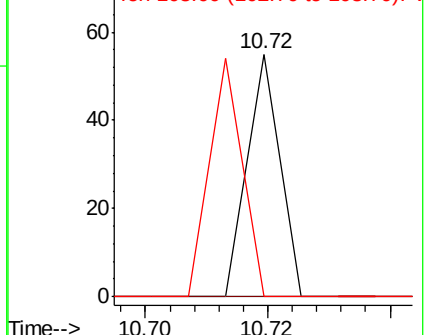
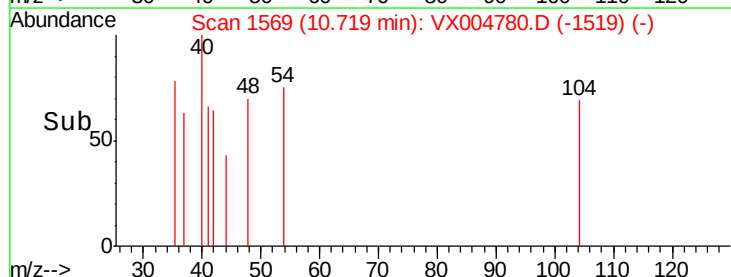


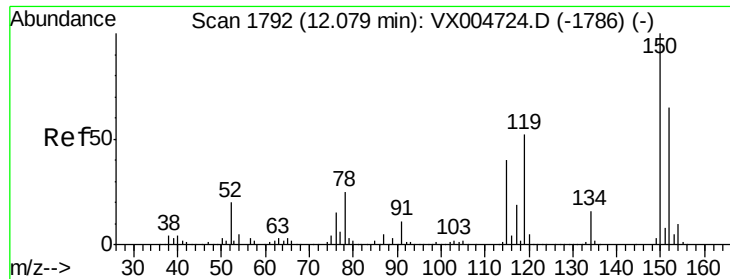
Abundance

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



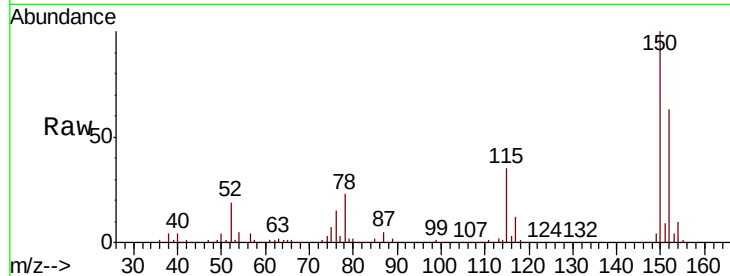


#72

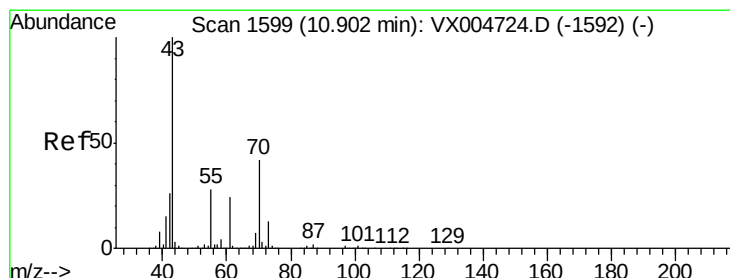
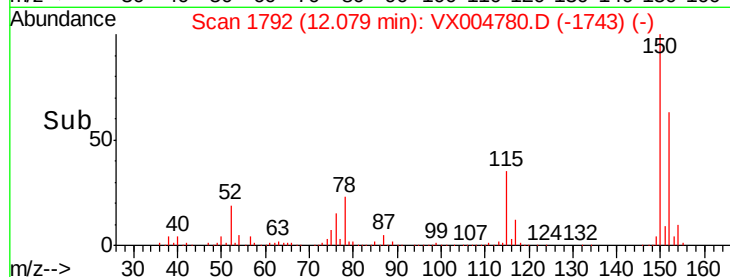
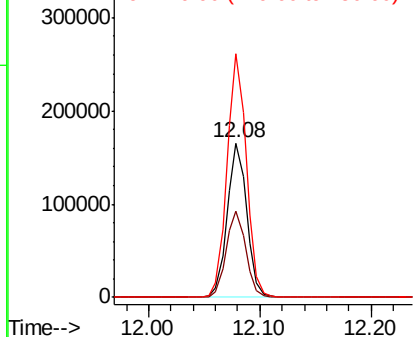
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX004780.D  
Acq: 27 Sep 2018 17:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-144-SEP18

Tot Ion:152 Resp: 199549  
Ion Ratio Lower Upper  
152 100  
115 56.0 39.0 117.0  
150 156.9 0.0 351.0



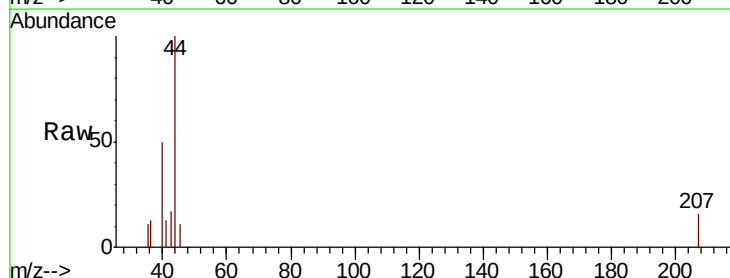
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



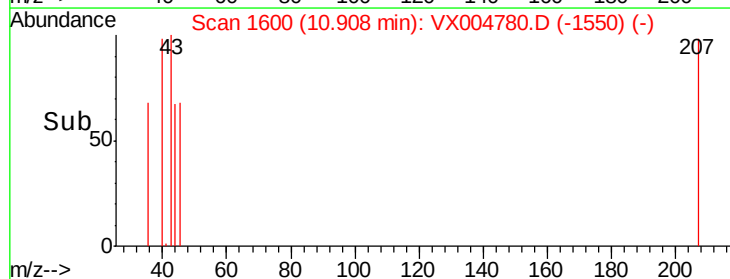
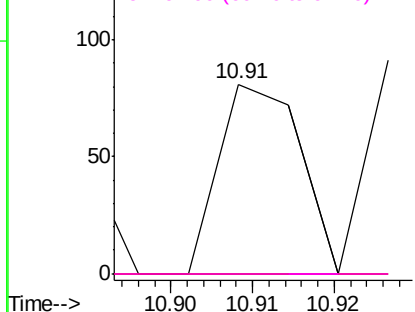
#74

N-ethyl acetate  
Concen: 1.756 ug/l  
RT: 10.91 min Scan# 1600  
Delta R.T. 0.01 min  
Lab File: VX004780.D  
Acq: 27 Sep 2018 17:57

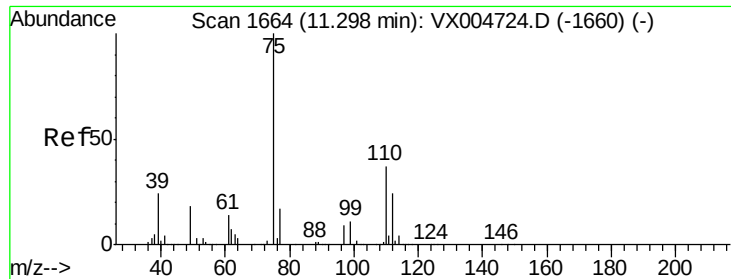
Tgt Ion: 43 Resp: 56  
Ion Ratio Lower Upper  
43 100  
70 0.0 37.4 56.0#  
55 0.0 21.8 32.8#  
61 0.0 20.6 30.8#



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: 21.495 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA\_X

ClientSampleId :

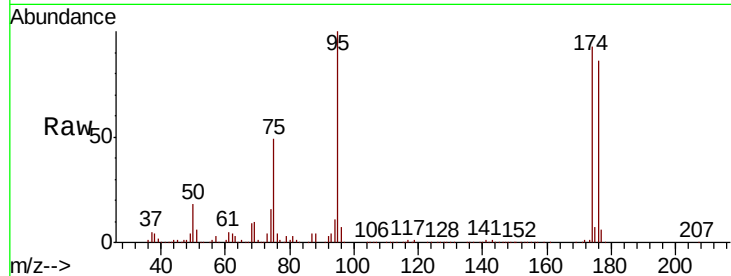
MW-144-SEP18

Tot Ion: 75 Resp: 96140

Ion Ratio Lower Upper

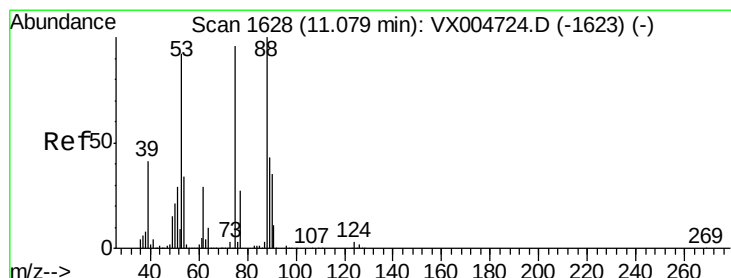
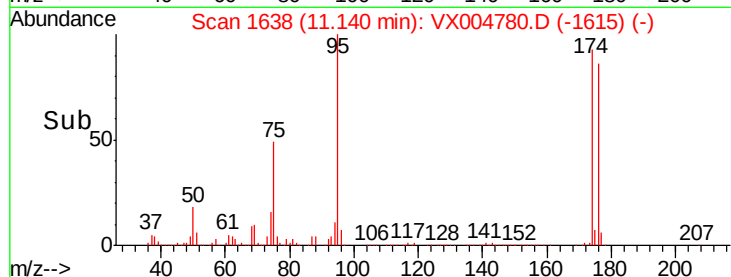
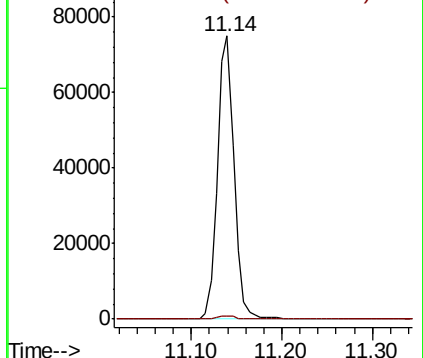
75 100

77 1.4 20.2 60.6#



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: 58.283 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

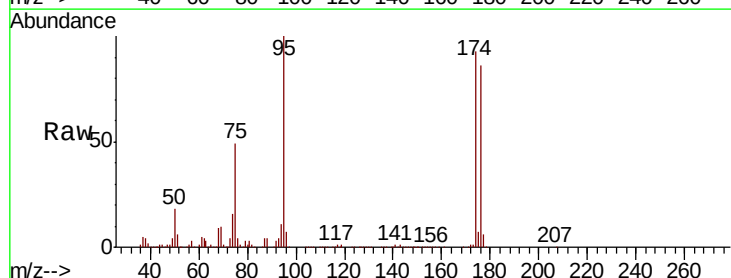
Tgt Ion: 75 Resp: 96140

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

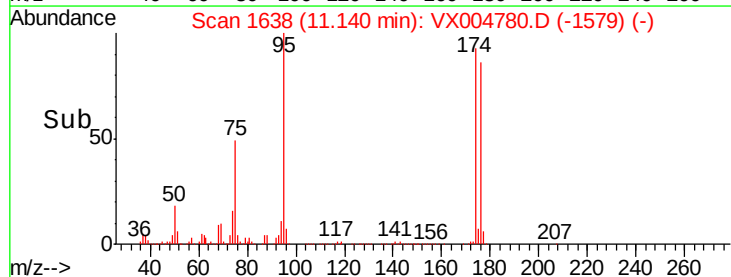
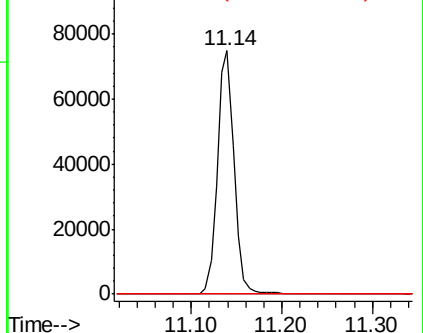
89 0.0 37.2 55.8#

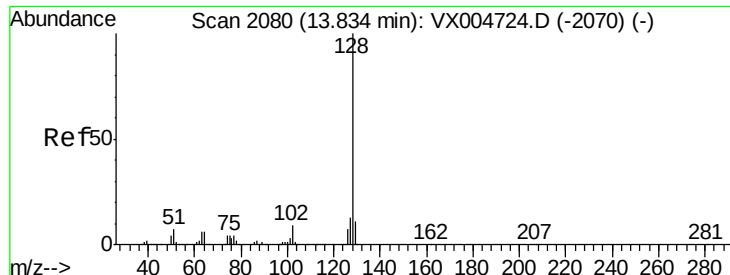


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#95

Naphthalene

Concen: 0.738 ug/l

RT: 13.84 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA\_X

ClientSampleId :

MW-144-SEP18

Tot Ion:128 Resp: 319

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 12.8#

