

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX041119\  
 Data File : VX008860.D  
 Acq On : 11 Apr 2019 18:27  
 Operator : JC/SP  
 Sample : K2349-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW158-190408

Quant Time: Apr 12 07:37:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 192900   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 311348   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 271353   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 118245   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 6.06   | 65  | 126678   | 45.02 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 90.04% |      |
| 35) Dibromofluoromethane    | 5.50   | 113 | 92818    | 46.63 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.26% |      |
| 50) Toluene-d8              | 8.71   | 98  | 388690   | 49.04 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.08% |      |
| 62) 4-Bromofluorobenzene    | 11.13  | 95  | 132885   | 47.28 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.56% |      |

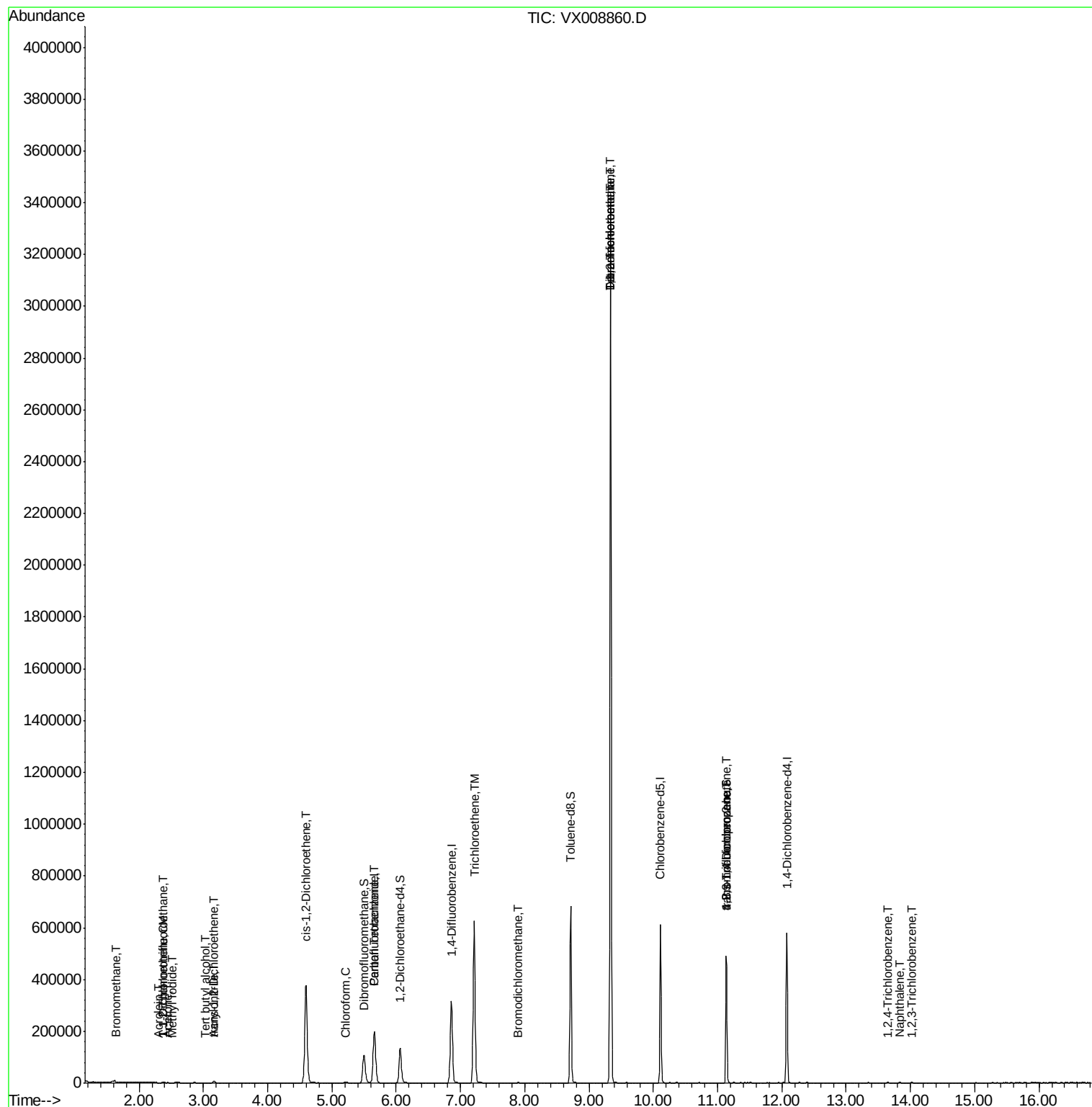
| Target Compounds               |       |     |        |              | Qvalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 3) Chloromethane               | 1.33  | 50  | 606    | Below Cal    | # 87   |
| 5) Bromomethane                | 1.65  | 94  | 461    | 2.185 ug/l   | # 58   |
| 6) Chloroethane                | 1.75  | 64  | 159    | Below Cal    | # 43   |
| 9) 1,1,2-Trichlorotrifluoroet  | 2.39  | 101 | 455    | 0.213 ug/l   | # 80   |
| 10) Methyl Iodide              | 2.51  | 142 | 780    | 4.372 ug/l   | # 88   |
| 11) Tert butyl alcohol         | 3.03  | 59  | 426    | 0.647 ug/l   | # 84   |
| 12) 1,1-Dichloroethene         | 2.38  | 96  | 684    | 0.307 ug/l   | # 76   |
| 13) Acrolein                   | 2.30  | 56  | 222    | 0.680 ug/l   | # 13   |
| 15) Acrylonitrile              | 3.15  | 53  | 828    | 0.475 ug/l   | # 84   |
| 16) Acetone                    | 2.45  | 43  | 1048   | 0.647 ug/l   | # 82   |
| 17) Carbon Disulfide           | 2.57  | 76  | 2734   | Below Cal    | # 92   |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96  | 1707   | 0.708 ug/l   | # 96   |
| 27) cis-1,2-Dichloroethene     | 4.59  | 96  | 235217 | 84.813 ug/l  | # 89   |
| 28) Bromochloromethane         | 5.02  | 49  | 319    | Below Cal    | # 29   |
| 30) Chloroform                 | 5.21  | 83  | 3163   | 0.727 ug/l   | # 92   |
| 38) Carbon Tetrachloride       | 5.66  | 117 | 18122  | 6.433 ug/l   | # 17   |
| 44) Trichloroethene            | 7.21  | 130 | 231963 | 98.230 ug/l  | # 99   |
| 47) Bromodichloromethane       | 7.90  | 83  | 1184   | 0.374 ug/l   | # 98   |
| 55) 1,1,2-Trichloroethane      | 9.34  | 97  | 5385   | 2.244 ug/l   | # 1    |
| 60) Dibromochloromethane       | 9.34  | 129 | 617108 | 272.937 ug/l | # 11   |
| 64) Tetrachloroethene          | 9.34  | 164 | 656366 | 326.479 ug/l | # 99   |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75  | 66403  | 20.442 ug/l  | # 33   |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75  | 66403  | 56.350 ug/l  | # 9    |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180 | 814    | 0.280 ug/l   | # 94   |
| 95) Naphthalene                | 13.83 | 128 | 2506   | 0.258 ug/l   | # 96   |
| 96) 1,2,3-Trichlorobenzene     | 14.02 | 180 | 761    | 0.262 ug/l   | # 98   |

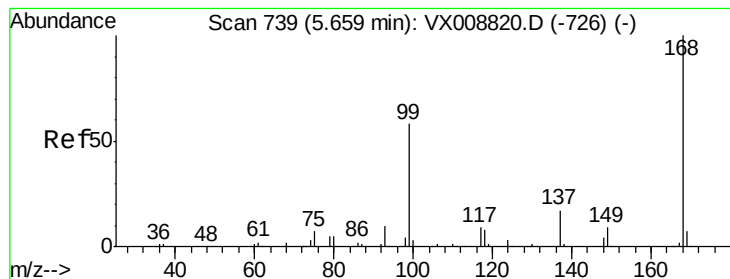
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 04 04:47:41 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

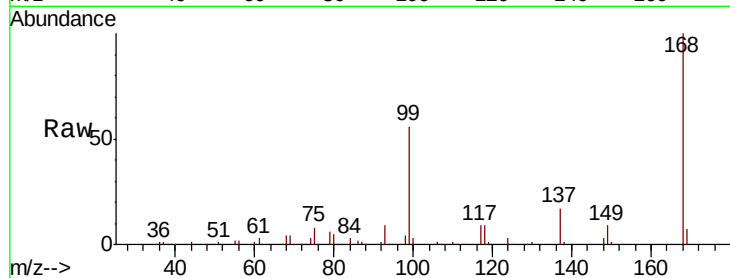
ST008MW158-190408

Tgt Ion:168 Resp: 192900

Ion Ratio Lower Upper

168 100

99 55.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

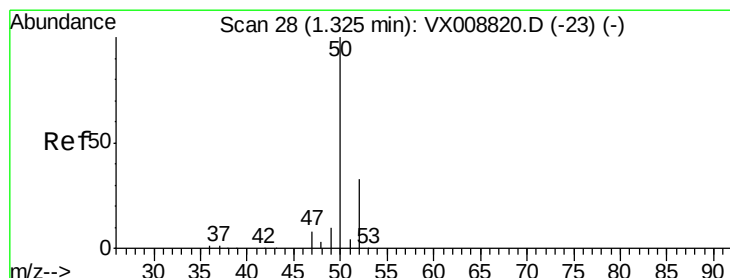
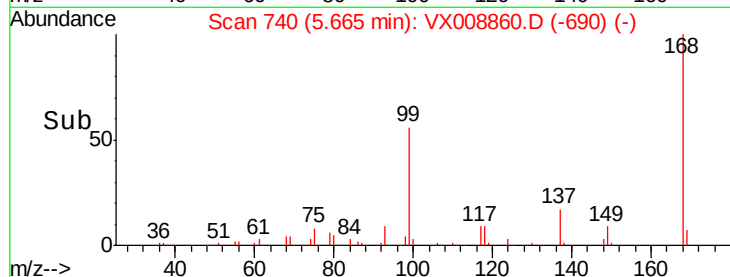
40000

20000

0

5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008860.D

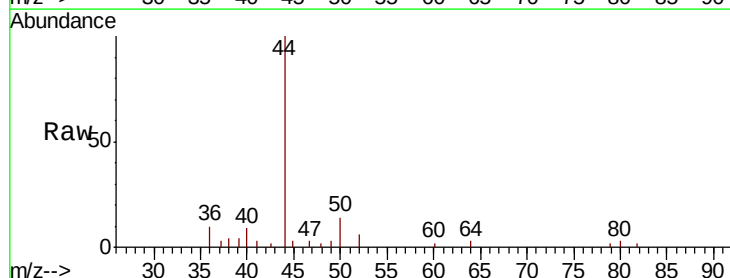
Acq: 11 Apr 2019 18:27

Tgt Ion: 50 Resp: 606

Ion Ratio Lower Upper

50 100

52 39.8 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

400

300

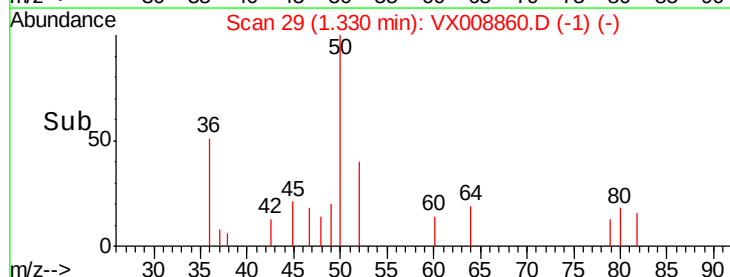
200

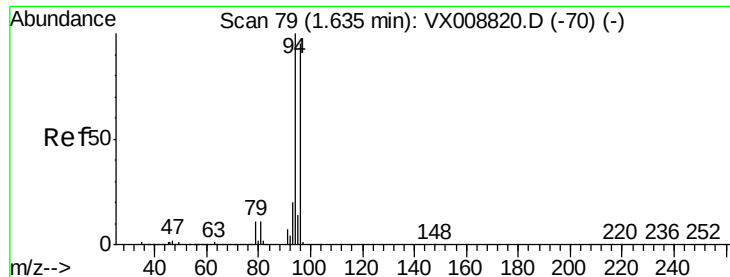
100

0

1.25 1.30 1.35

Time-->





#5

Bromomethane

Concen: 2.185 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

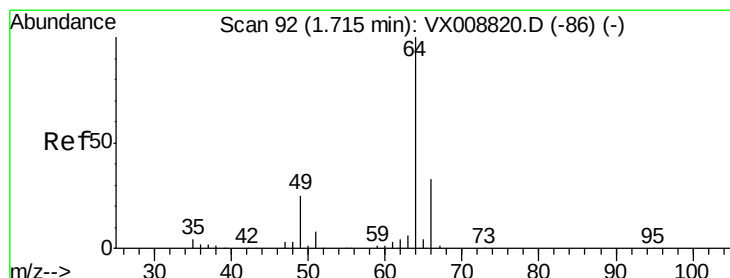
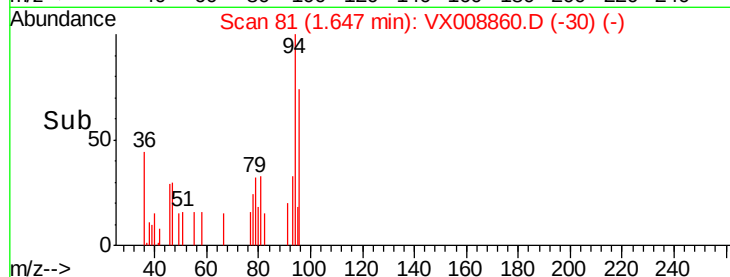
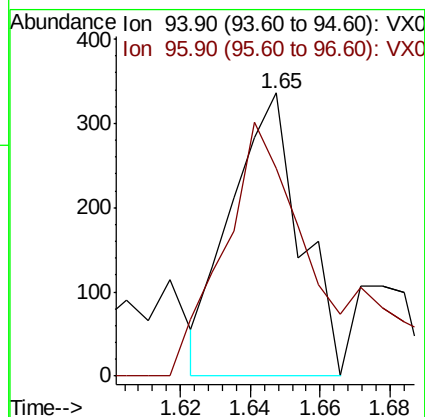
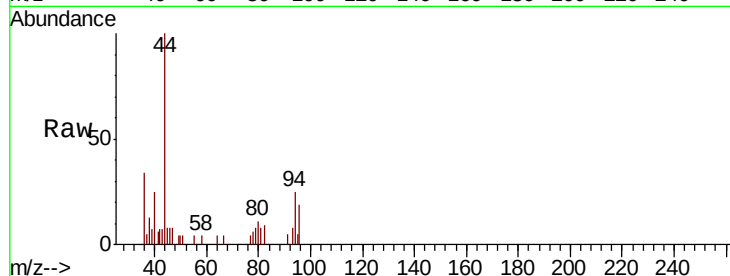
ST008MW158-190408

Tgt Ion: 94 Resp: 461

Ion Ratio Lower Upper

94 100

96 53.3 75.2 112.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 98

Delta R.T. 0.04 min

Lab File: VX008860.D

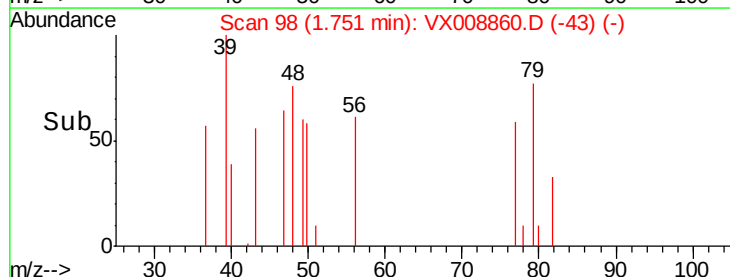
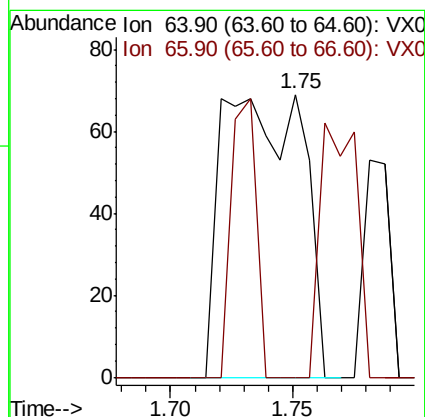
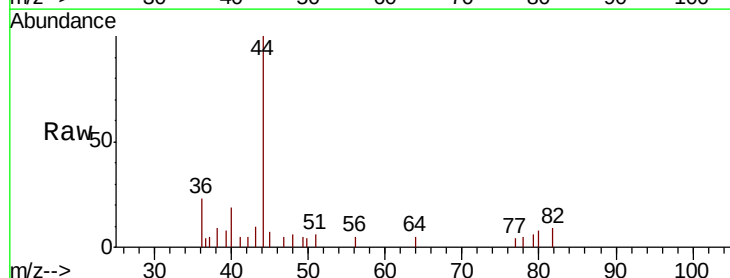
Acq: 11 Apr 2019 18:27

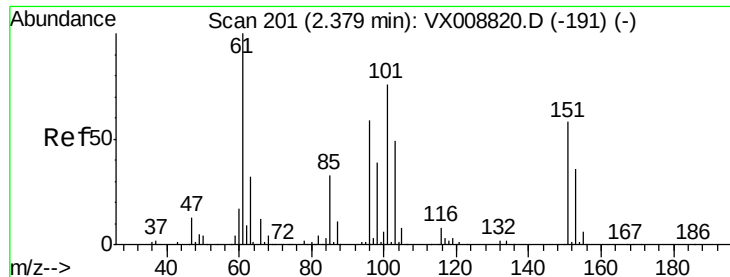
Tgt Ion: 64 Resp: 159

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.213 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW158-190408

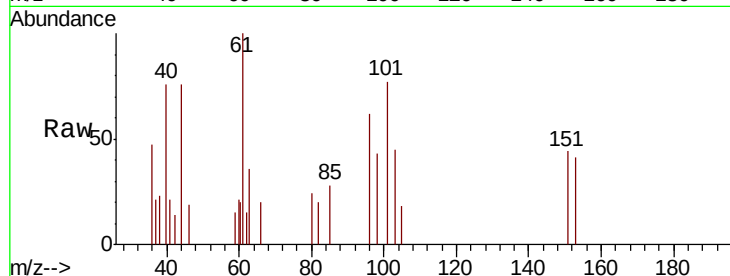
Tgt Ion:101 Resp: 455

Ion Ratio Lower Upper

101 100

85 75.8 36.0 54.0#

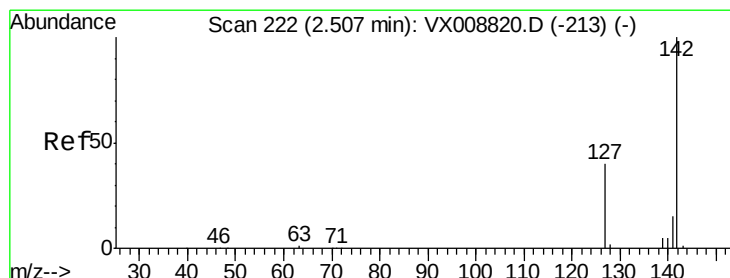
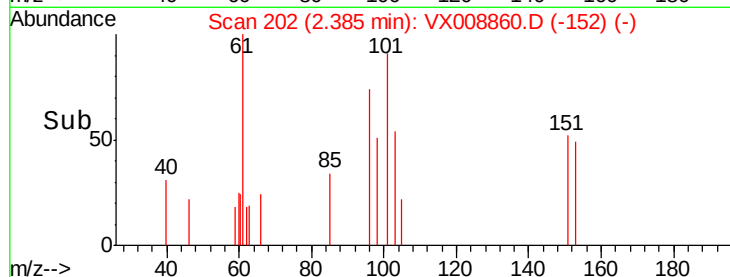
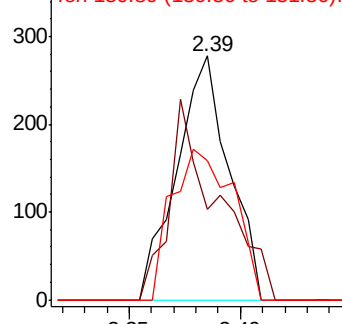
151 72.1 59.9 89.9



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: 4.372 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

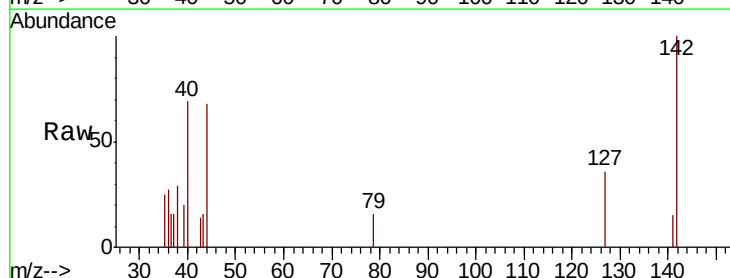
Tgt Ion:142 Resp: 780

Ion Ratio Lower Upper

142 100

127 36.2 33.0 49.6

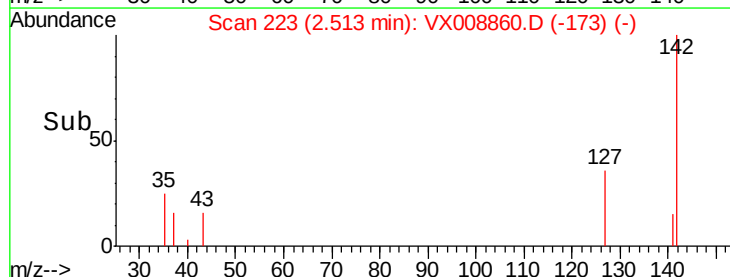
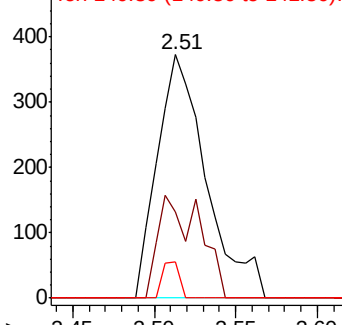
141 5.1 11.4 17.2#

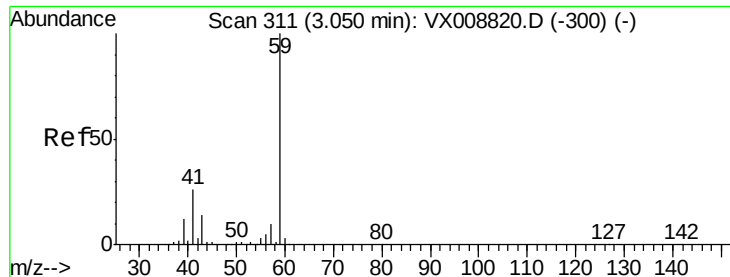


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



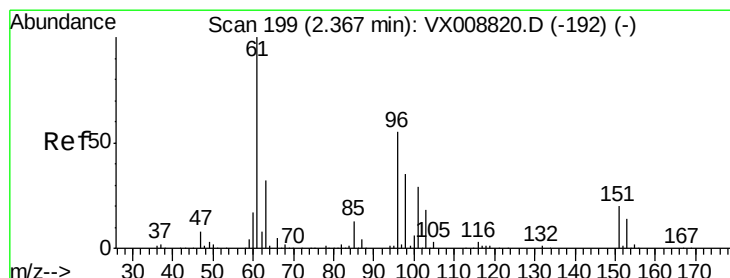
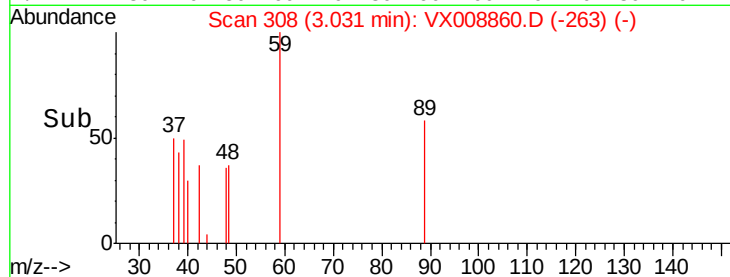
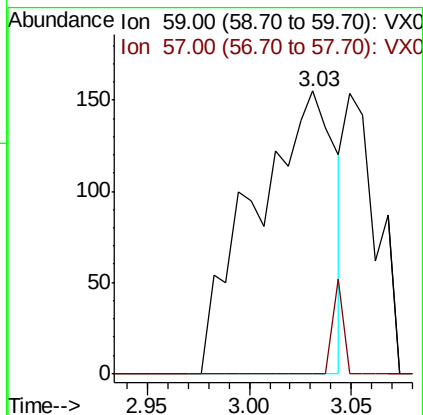
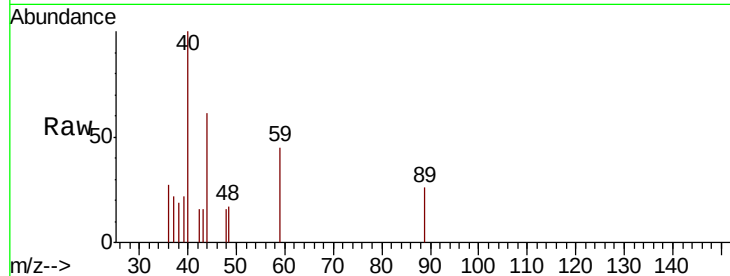


#11

Tert butyl alcohol  
 Concen: 0.647 ug/l  
 RT: 3.03 min Scan# 308  
 Delta R.T. -0.02 min  
 Lab File: VX008860.D  
 Acq: 11 Apr 2019 18:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW158-190408

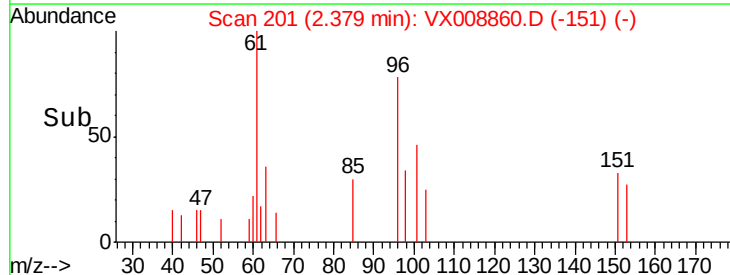
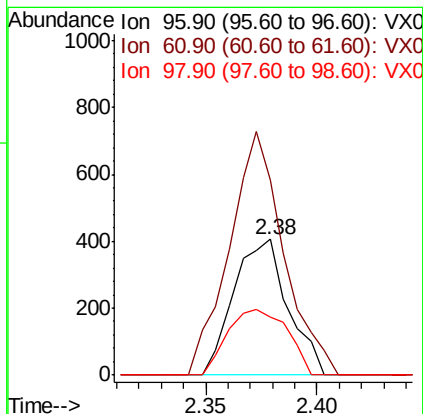
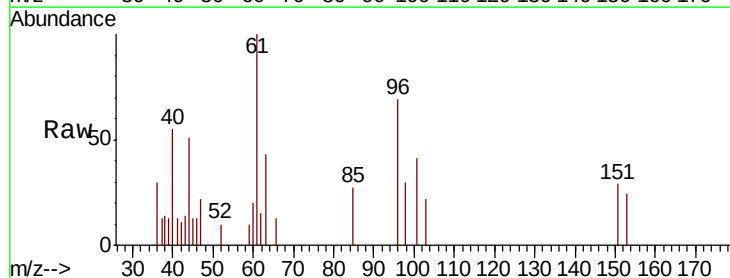
Tgt Ion: 59 Resp: 426  
 Ion Ratio Lower Upper  
 59 100  
 57 4.5 8.3 12.5#

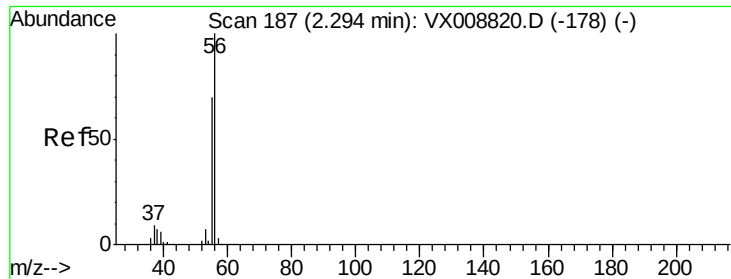


#12

1,1-Dichloroethene  
 Concen: 0.307 ug/l  
 RT: 2.38 min Scan# 201  
 Delta R.T. 0.01 min  
 Lab File: VX008860.D  
 Acq: 11 Apr 2019 18:27

Tgt Ion: 96 Resp: 684  
 Ion Ratio Lower Upper  
 96 100  
 61 144.2 140.9 211.3  
 98 43.2 52.1 78.1#





#13

Acrolein

Concen: 0.680 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

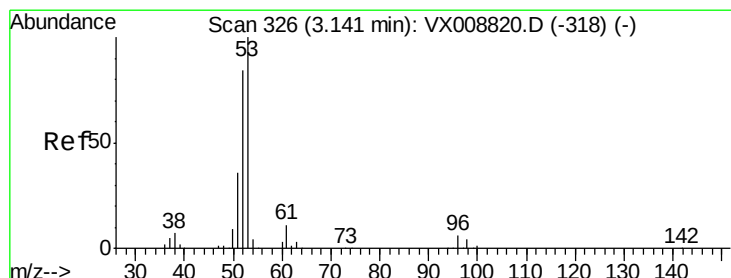
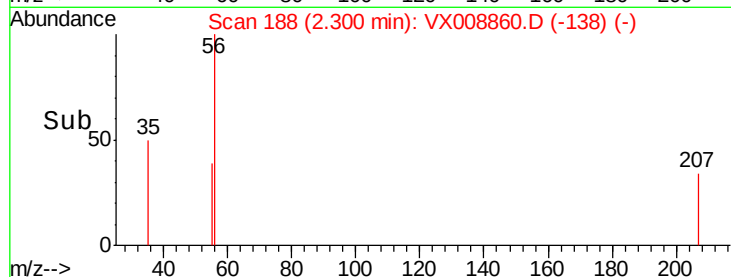
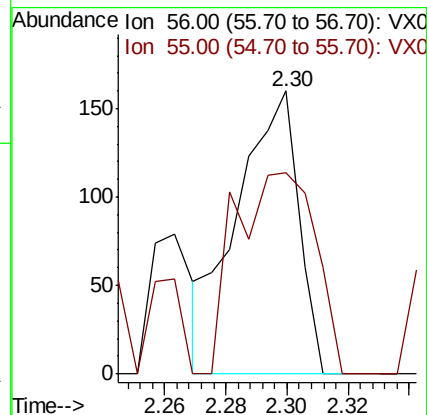
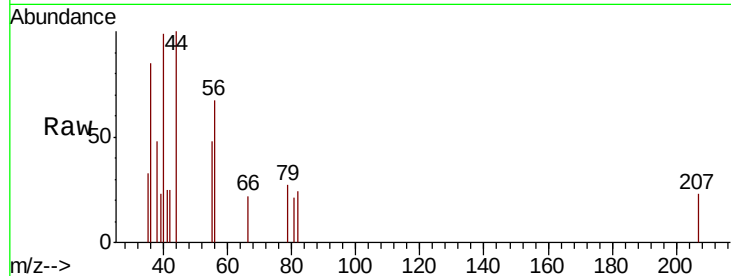
ST008MW158-190408

Tgt Ion: 56 Resp: 222

Ion Ratio Lower Upper

56 100

55 0.0 58.0 87.0#



#15

Acrylonitrile

Concen: 0.475 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

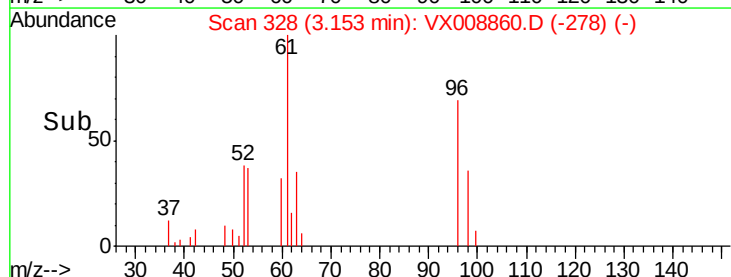
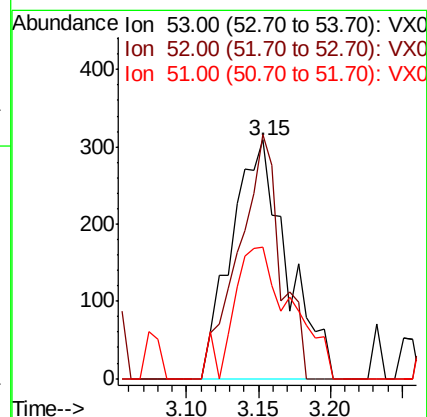
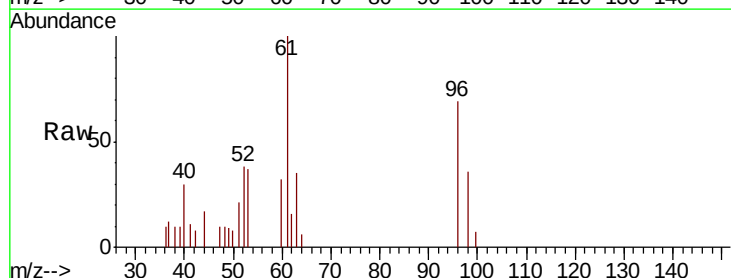
Tgt Ion: 53 Resp: 828

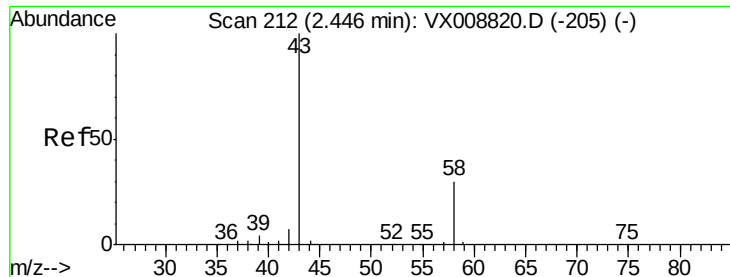
Ion Ratio Lower Upper

53 100

52 77.1 66.5 99.7

51 57.9 28.6 42.8#





#16

Acetone

Concen: 0.647 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

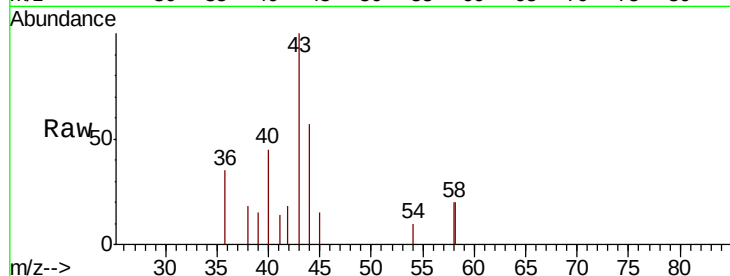
ST008MW158-190408

Tgt Ion: 43 Resp: 1048

Ion Ratio Lower Upper

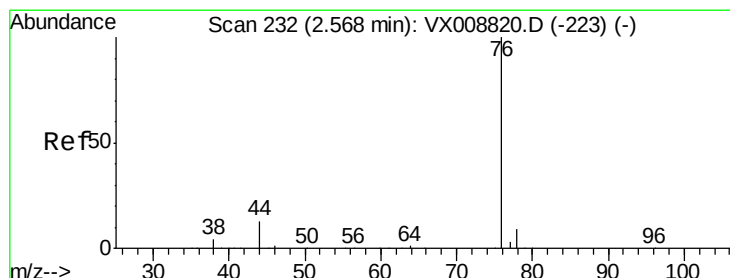
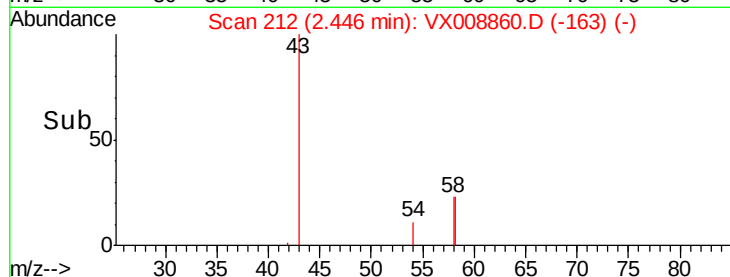
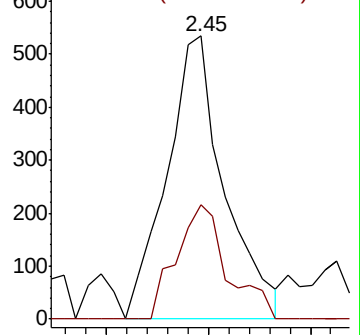
43 100

58 40.6 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008860.D

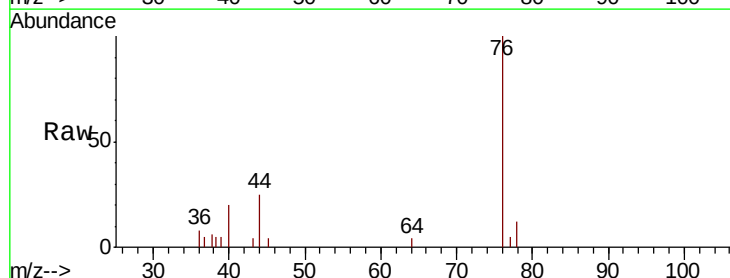
Acq: 11 Apr 2019 18:27

Tgt Ion: 76 Resp: 2734

Ion Ratio Lower Upper

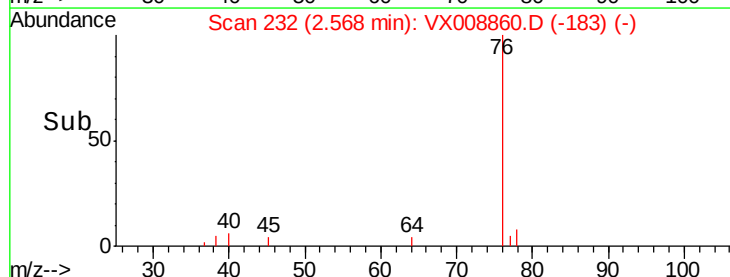
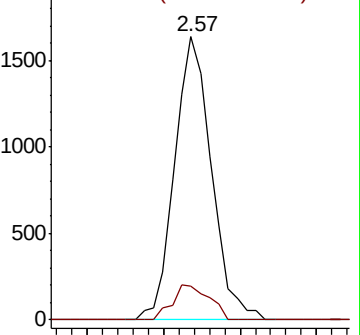
76 100

78 11.9 7.1 10.7#

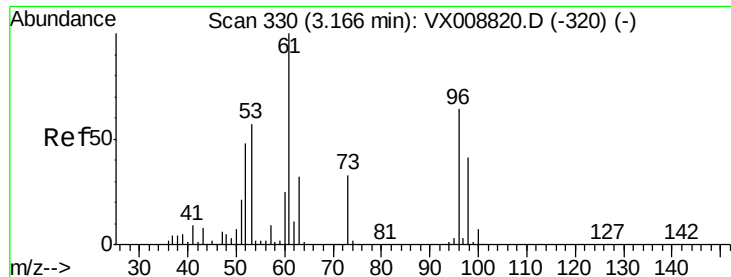


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0







#21

trans-1,2-Dichloroethene

Concen: 0.708 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW158-190408

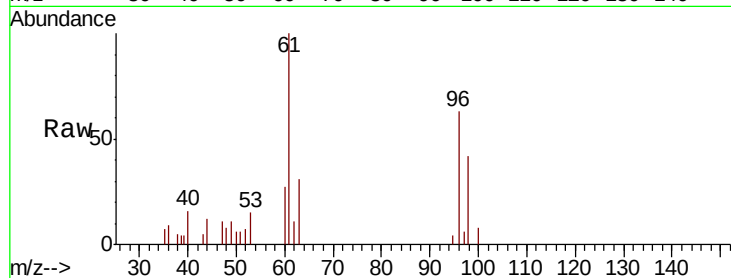
Tgt Ion: 96 Resp: 1707

Ion Ratio Lower Upper

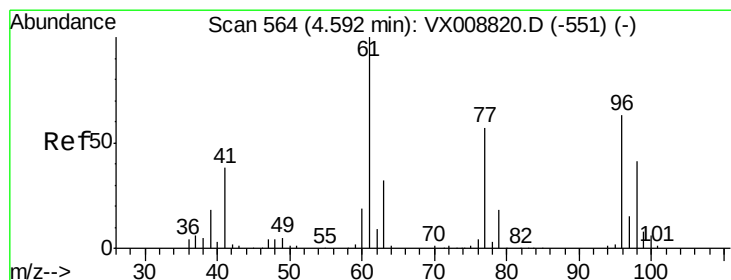
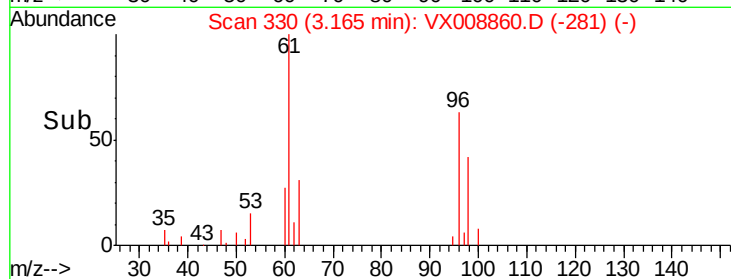
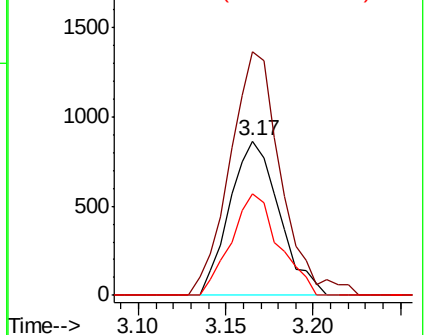
96 100

61 158.1 132.1 198.1

98 66.2 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



#27

cis-1,2-Dichloroethene

Concen: 84.813 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

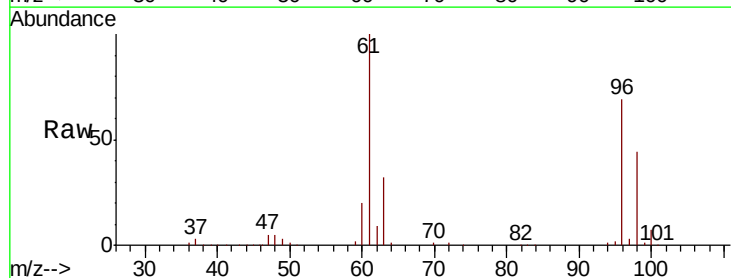
Tgt Ion: 96 Resp: 235217

Ion Ratio Lower Upper

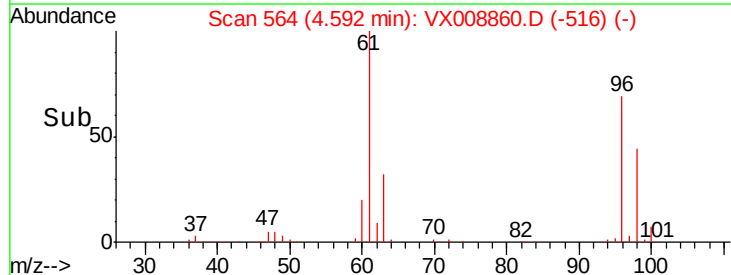
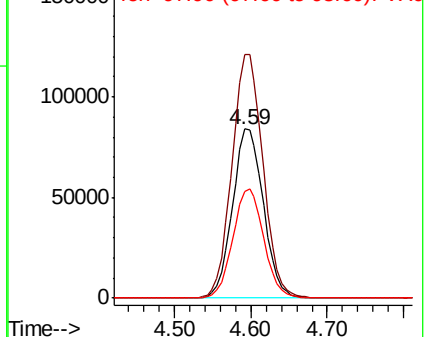
96 100

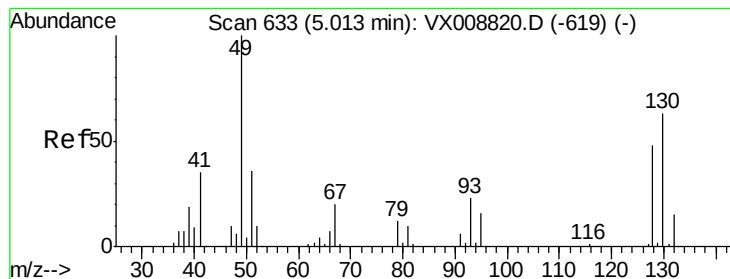
61 144.3 0.0 327.6

98 64.6 0.0 128.6



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: Below Cal

RT: 5.02 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW158-190408

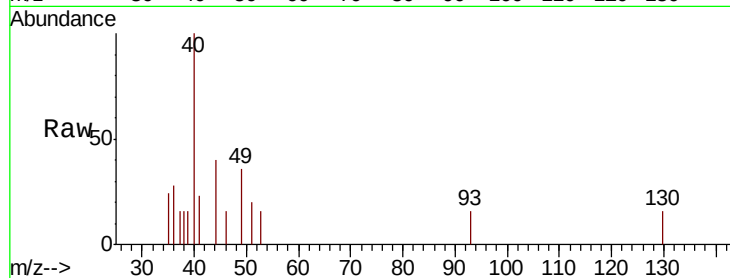
Tgt Ion: 49 Resp: 319

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 6.0 49.3 73.9#



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

5.02

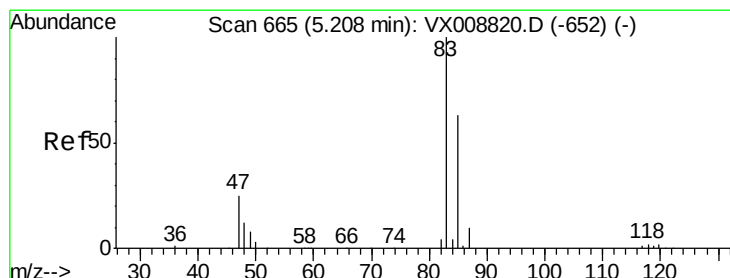
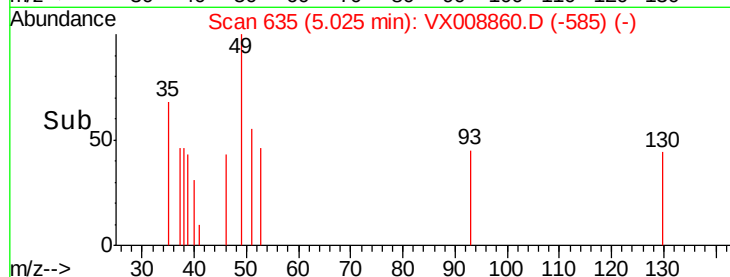
100

50

0

4.95 5.00 5.05

Time-->



#30

Chloroform

Concen: 0.727 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008860.D

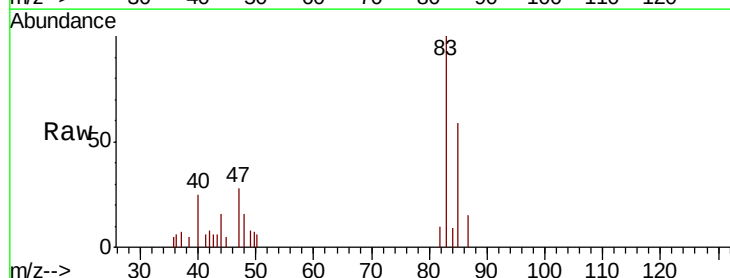
Acq: 11 Apr 2019 18:27

Tgt Ion: 83 Resp: 3163

Ion Ratio Lower Upper

83 100

85 58.8 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

1200

1000

800

600

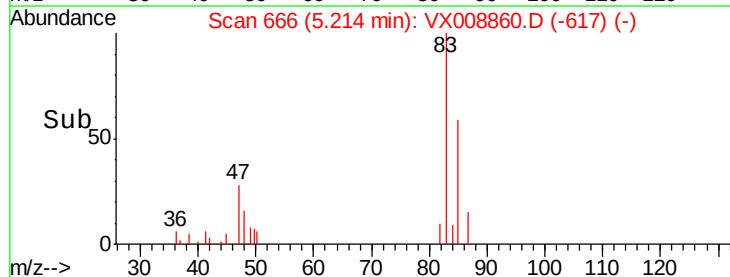
400

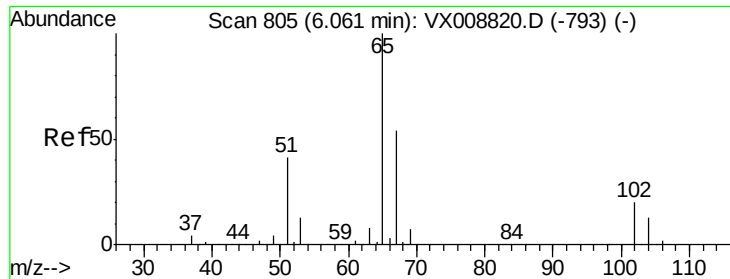
200

0

5.10 5.15 5.20 5.25 5.30

Time-->

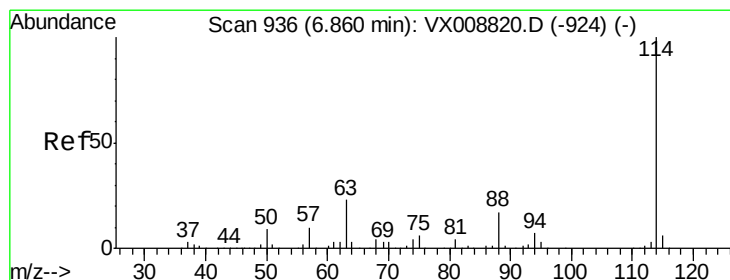
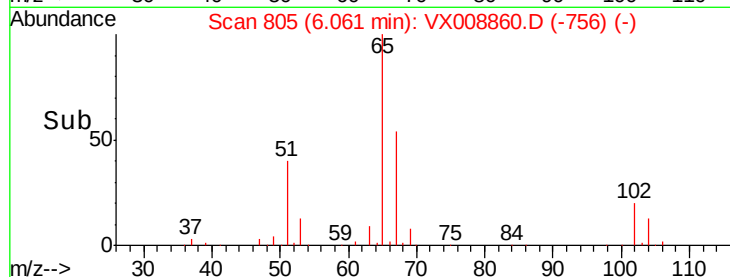
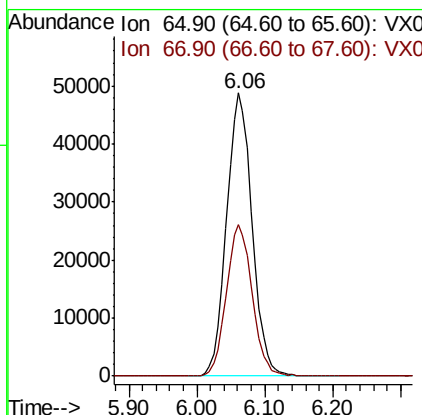
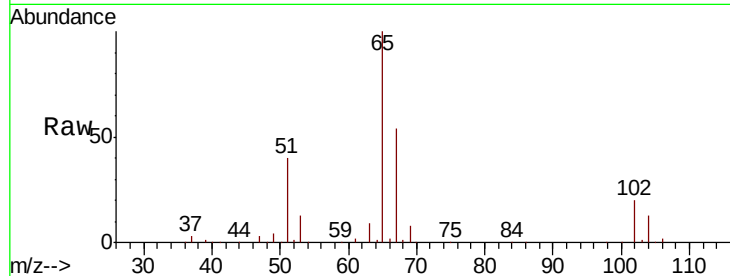




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.024 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX008860.D  
 Acq: 11 Apr 2019 18:27

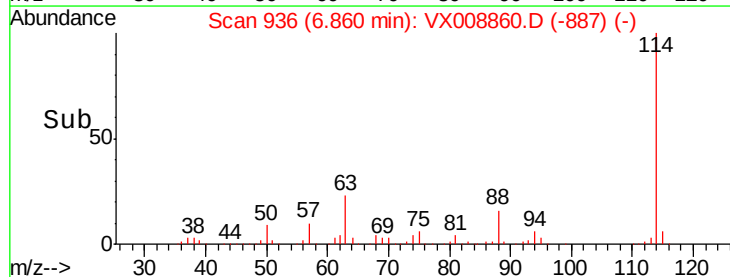
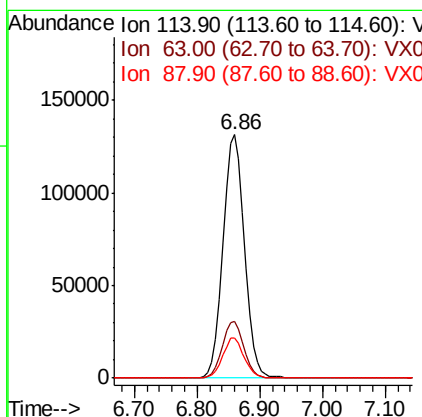
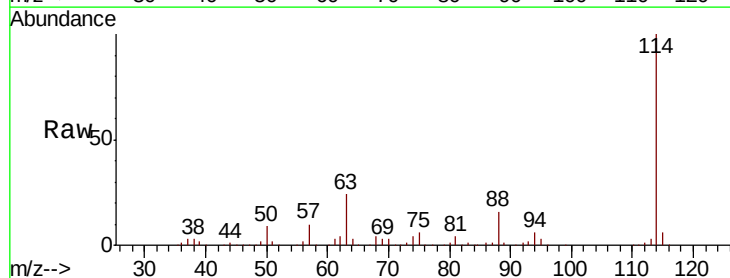
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW158-190408

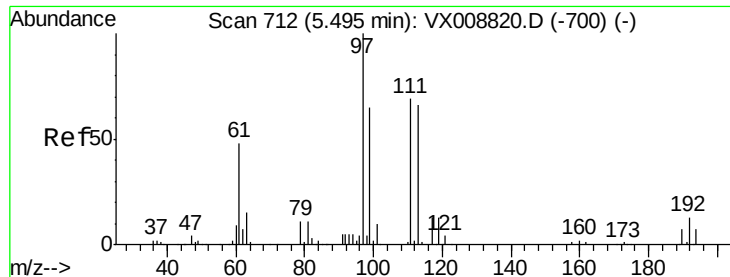
Tgt Ion: 65 Resp: 126678  
 Ion Ratio Lower Upper  
 65 100  
 67 54.2 0.0 107.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX008860.D  
 Acq: 11 Apr 2019 18:27

Tgt Ion: 114 Resp: 311348  
 Ion Ratio Lower Upper  
 114 100  
 63 23.5 0.0 47.2  
 88 16.2 0.0 34.0

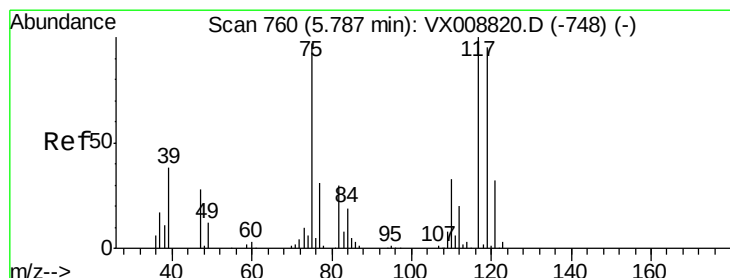
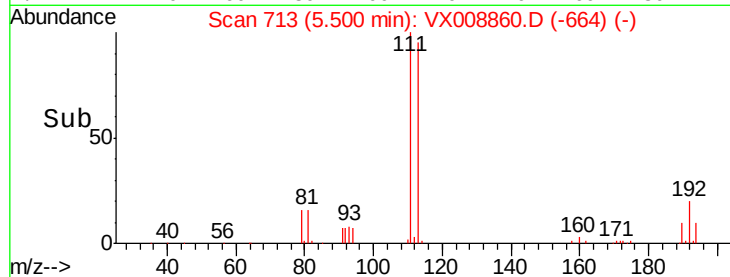
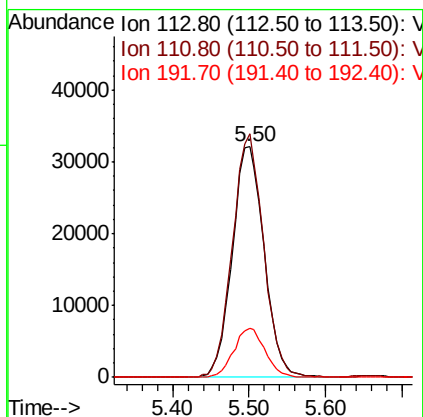
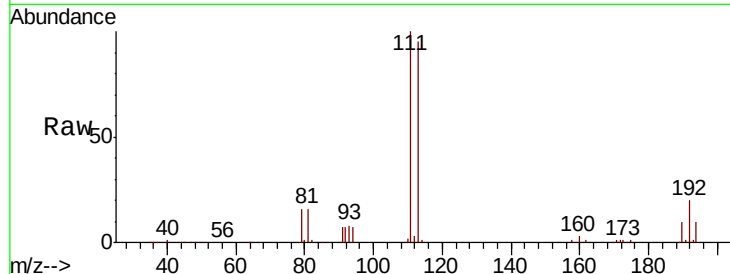




#35  
 Dibromofluoromethane  
 Concen: 46.627 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. -0.00 min  
 Lab File: VX008860.D  
 Acq: 11 Apr 2019 18:27

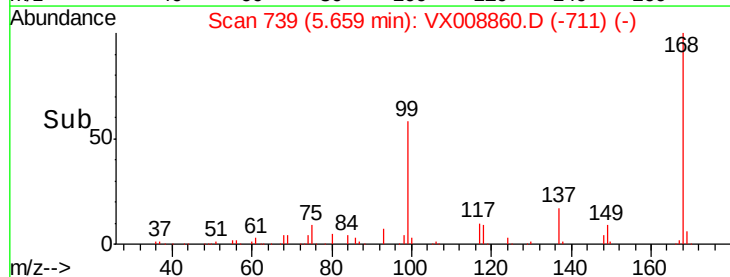
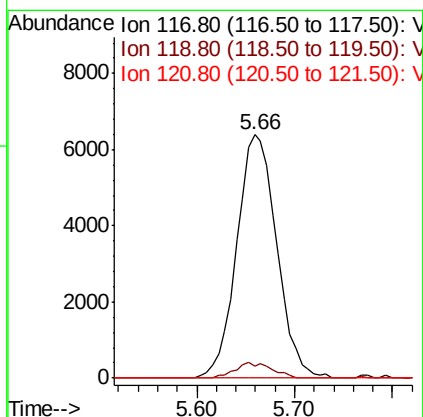
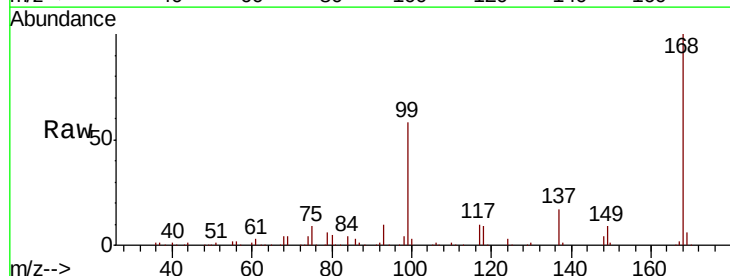
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW158-190408

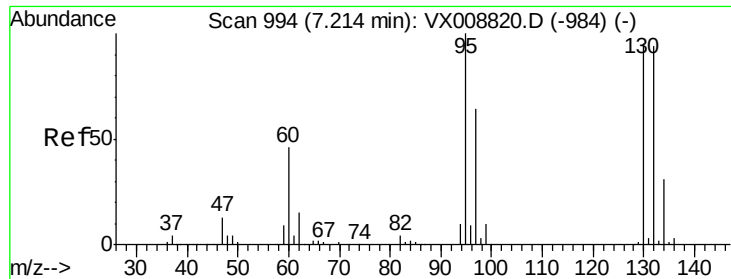
Tgt Ion:113 Resp: 92818  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 83.4 125.2  
 192 20.9 16.1 24.1



#38  
 Carbon Tetrachloride  
 Concen: 6.433 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.13 min  
 Lab File: VX008860.D  
 Acq: 11 Apr 2019 18:27

Tgt Ion:117 Resp: 18122  
 Ion Ratio Lower Upper  
 117 100  
 119 5.0 75.0 112.6#  
 121 0.0 24.3 36.5#





#44

Trichloroethene

Concen: 98.230 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

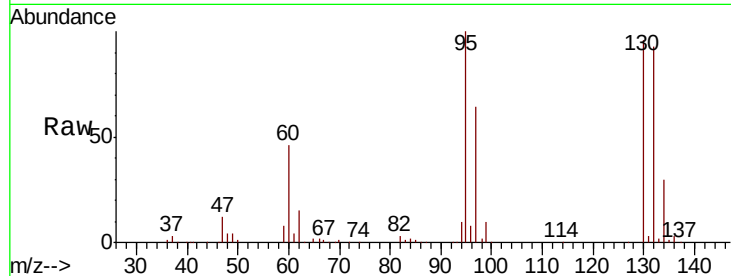
ST008MW158-190408

Tgt Ion:130 Resp: 231963

Ion Ratio Lower Upper

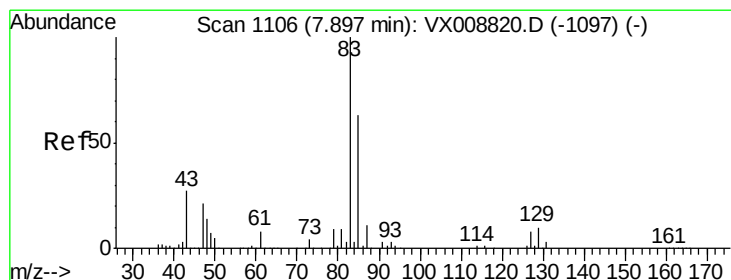
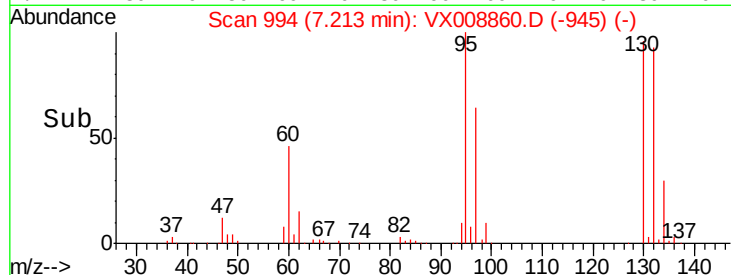
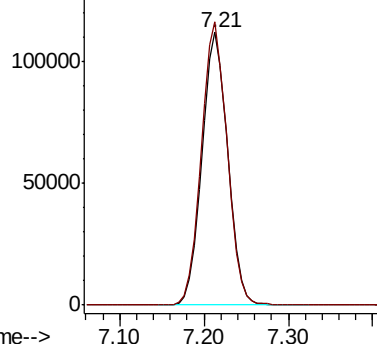
130 100

95 103.7 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 0.374 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

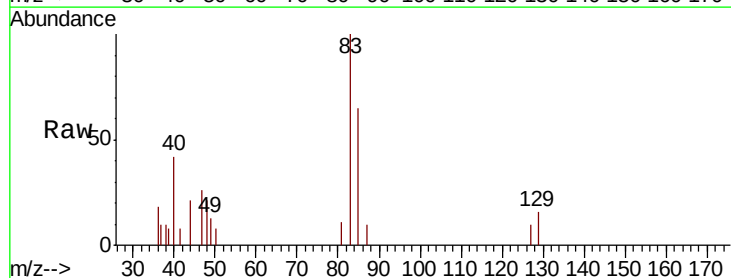
Tgt Ion: 83 Resp: 1184

Ion Ratio Lower Upper

83 100

85 65.0 51.2 76.8

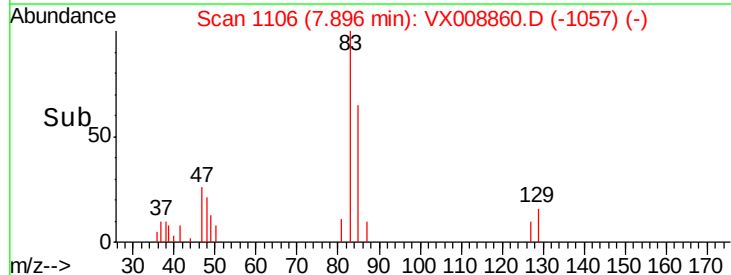
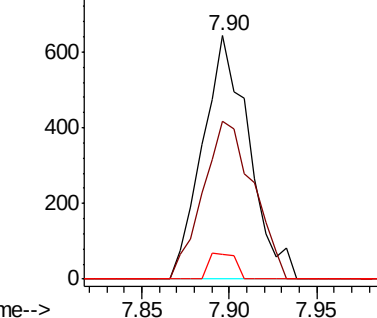
127 10.4 6.6 10.0#

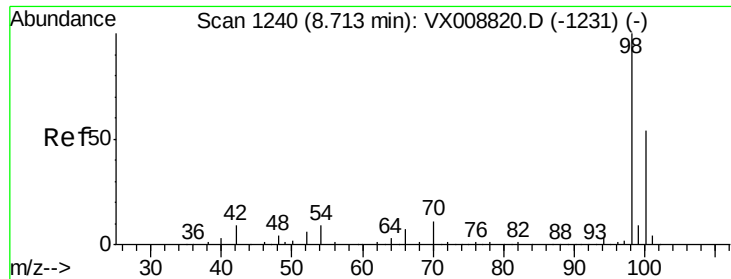


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 49.039 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

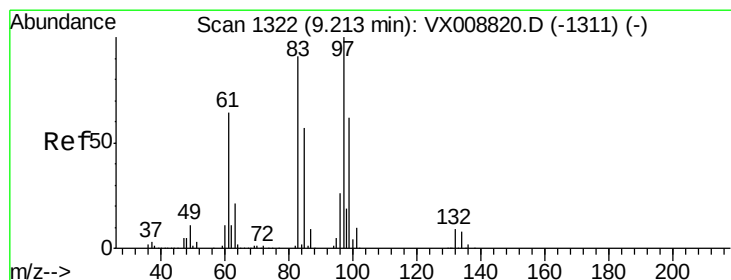
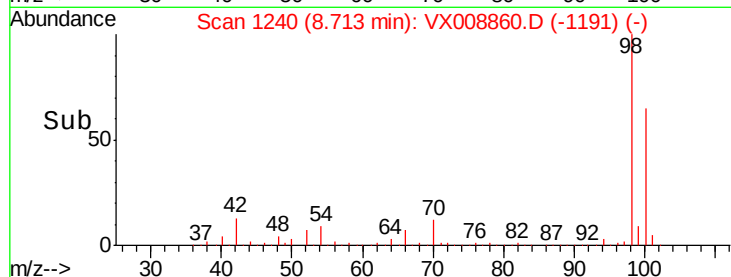
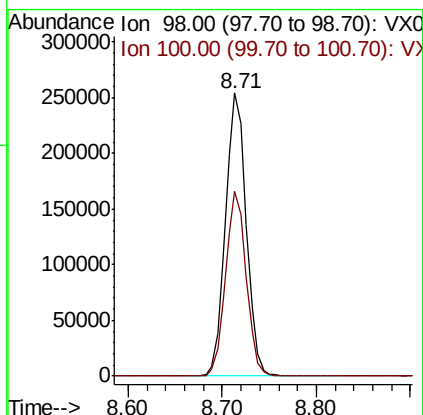
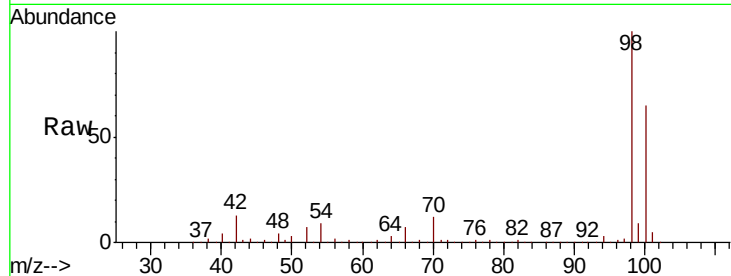
ST008MW158-190408

Tgt Ion: 98 Resp: 388690

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



#55

1,1,2-Trichloroethane

Concen: 2.244 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.12 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Tgt Ion: 97 Resp: 5385

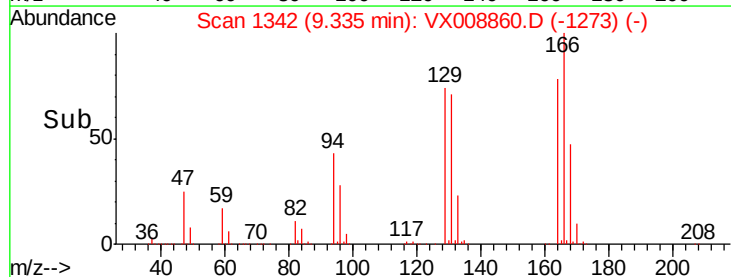
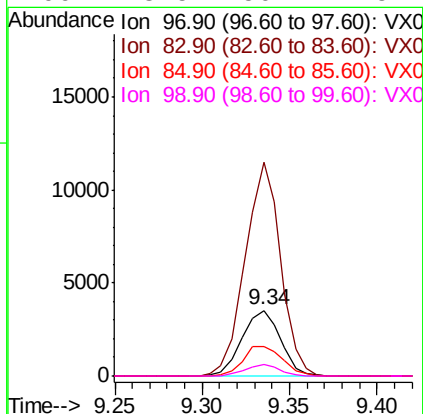
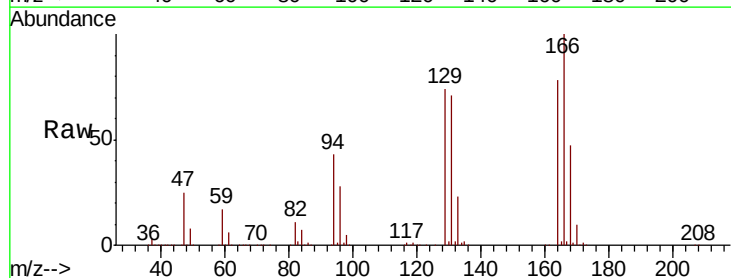
Ion Ratio Lower Upper

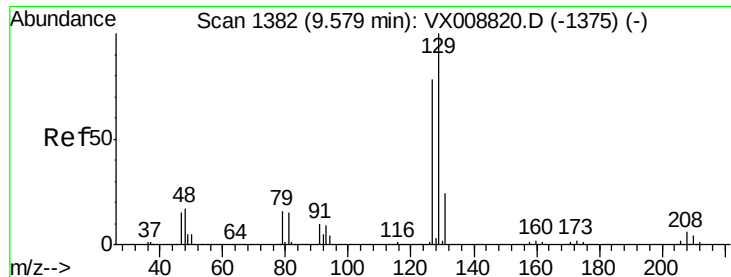
97 100

83 326.4 73.2 109.8#

85 45.1 46.6 69.8#

99 18.5 50.1 75.1#





#60

Dibromochloromethane

Concen: 272.937 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

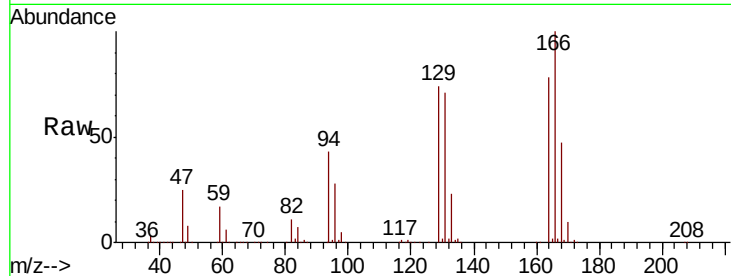
ST008MW158-190408

Tgt Ion:129 Resp: 617108

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

400000

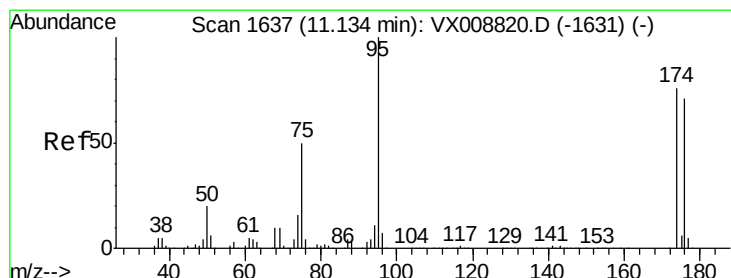
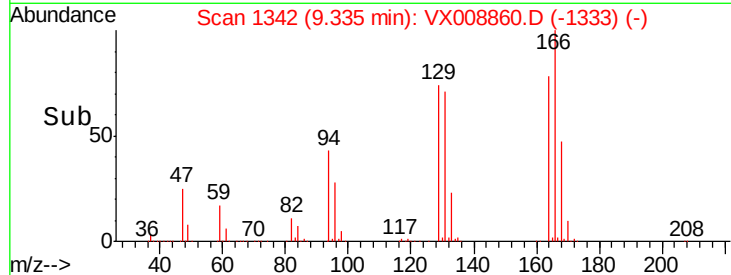
300000

200000

100000

0

Time--> 9.20 9.30 9.40 9.50



#62

4-Bromofluorobenzene

Concen: 47.277 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

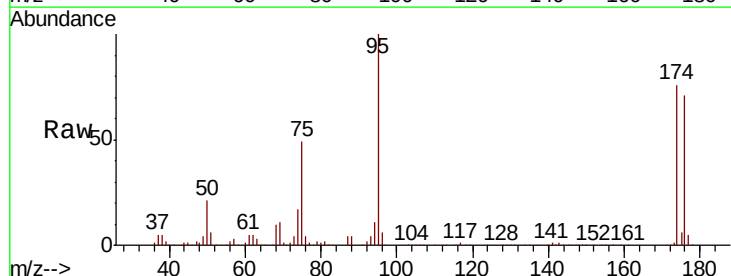
Tgt Ion: 95 Resp: 132885

Ion Ratio Lower Upper

95 100

174 79.2 0.0 151.8

176 75.8 0.0 145.8



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

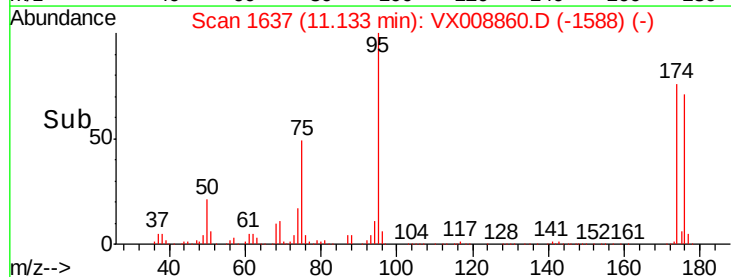
11.13

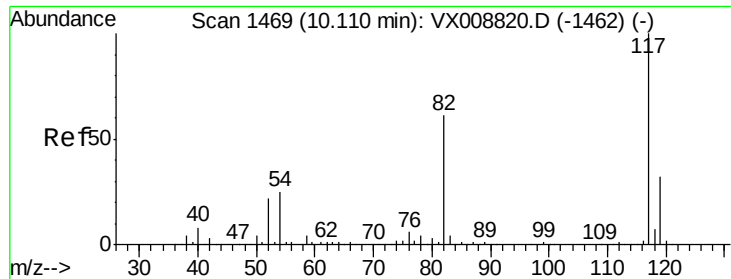
100000

50000

0

Time--> 11.05 11.10 11.15 11.20

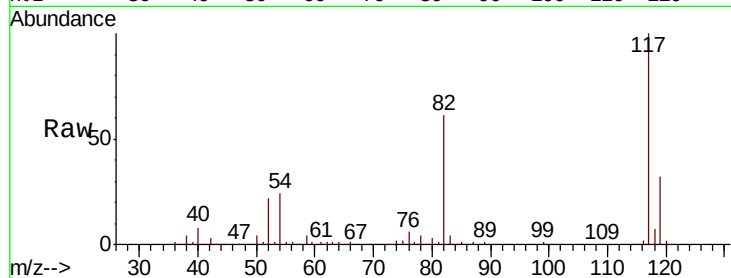




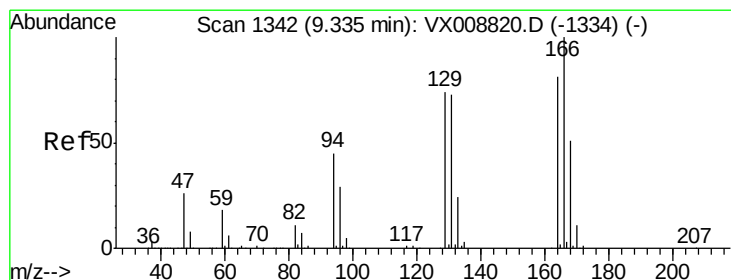
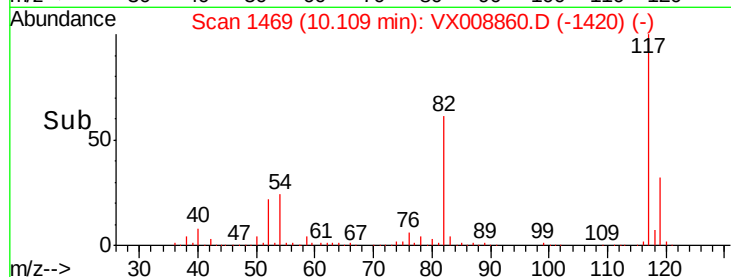
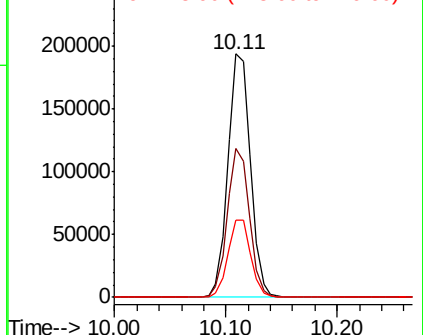
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX008860.D  
Acq: 11 Apr 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW158-190408

Tgt Ion:117 Resp: 271353  
Ion Ratio Lower Upper  
117 100  
82 61.0 49.6 74.4  
119 31.9 25.0 37.4

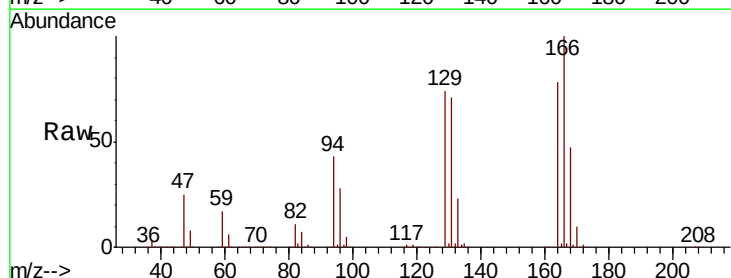


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

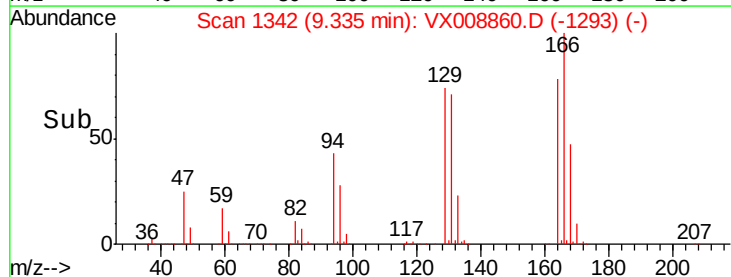
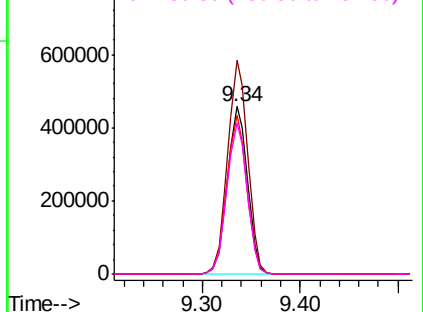


#64  
Tetrachloroethene  
Concen: 326.479 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX008860.D  
Acq: 11 Apr 2019 18:27

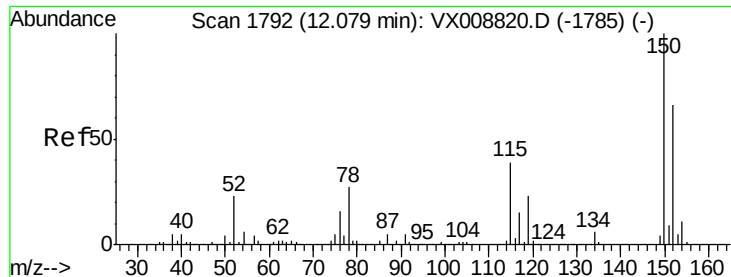
Tgt Ion:164 Resp: 656366  
Ion Ratio Lower Upper  
164 100  
166 127.5 101.0 151.6  
129 94.6 75.8 113.8  
131 90.1 71.8 107.8



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







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW158-190408

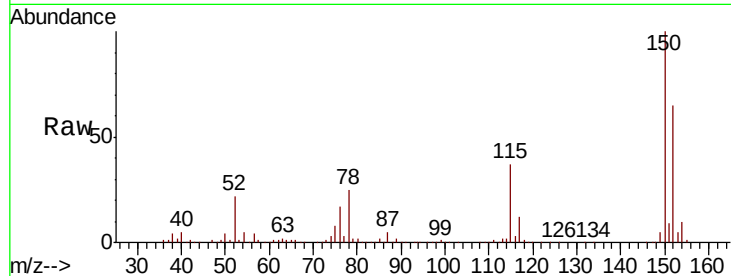
Tgt Ion:152 Resp: 118245

Ion Ratio Lower Upper

152 100

115 58.9 43.5 130.5

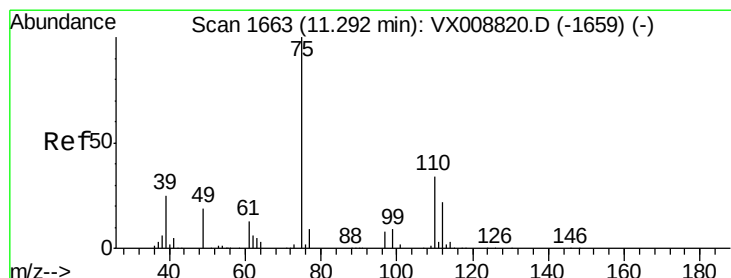
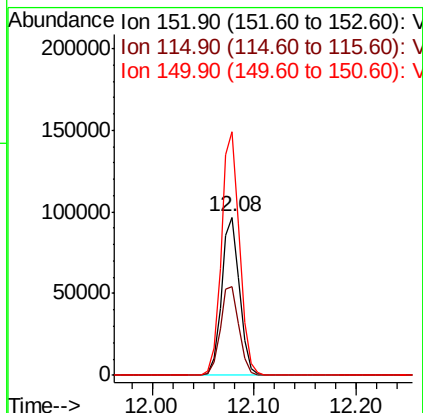
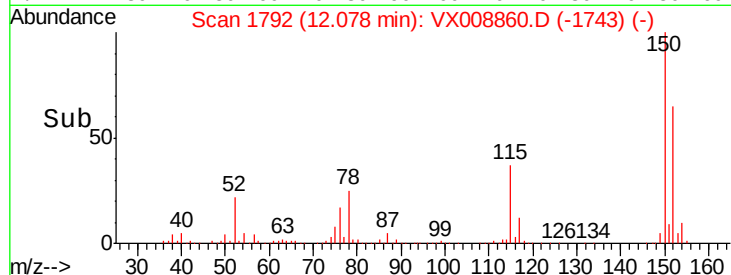
150 155.9 0.0 348.8



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



#76

1,2,3-Trichloropropane

Concen: 20.442 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.17 min

Lab File: VX008860.D

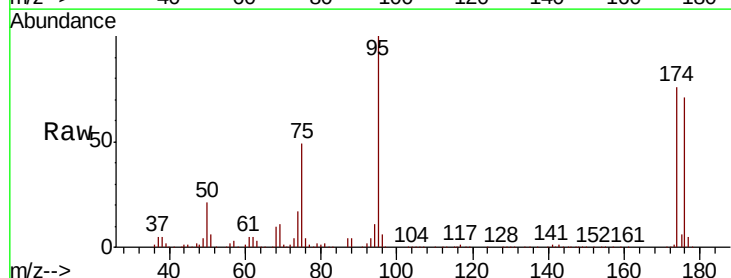
Acq: 11 Apr 2019 18:27

Tgt Ion: 75 Resp: 66403

Ion Ratio Lower Upper

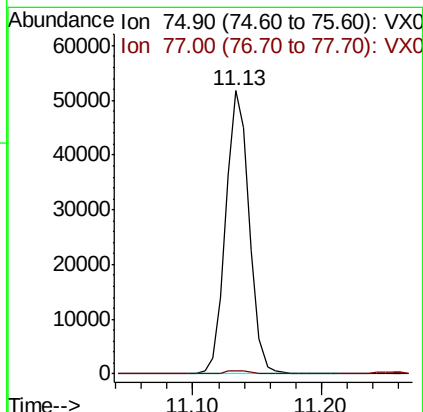
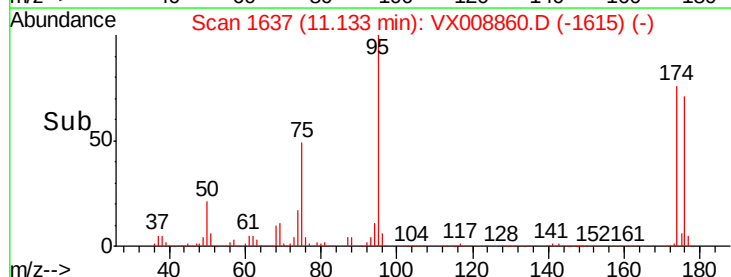
75 100

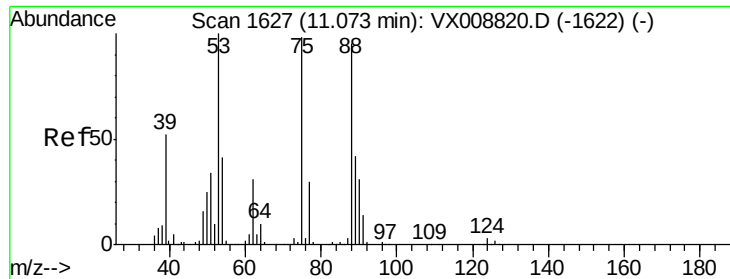
77 1.2 22.3 66.8#



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: 56.350 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW158-190408

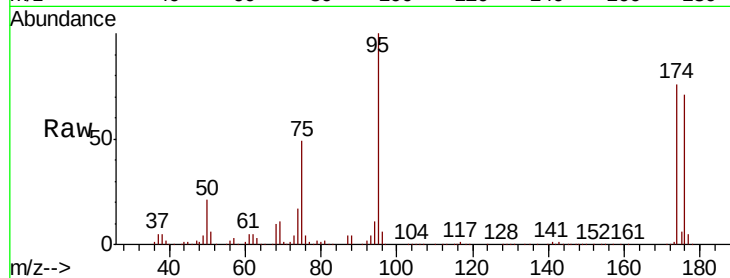
Tgt Ion: 75 Resp: 66403

Ion Ratio Lower Upper

75 100

53 0.0 81.3 121.9#

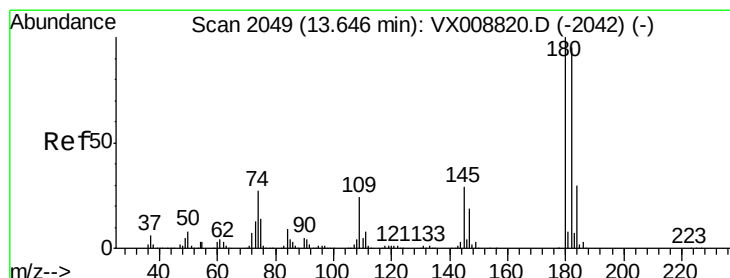
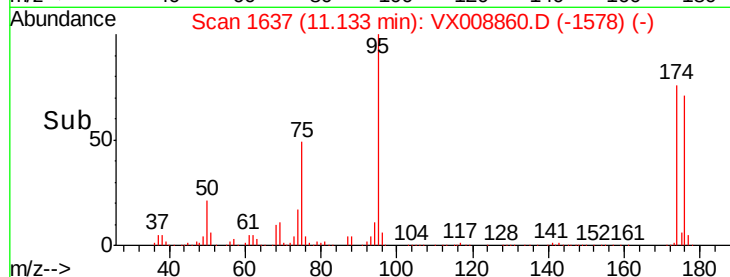
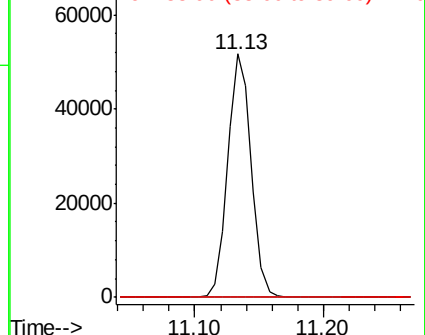
89 0.0 35.6 53.4#



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



#93

1,2,4-Trichlorobenzene

Concen: 0.280 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

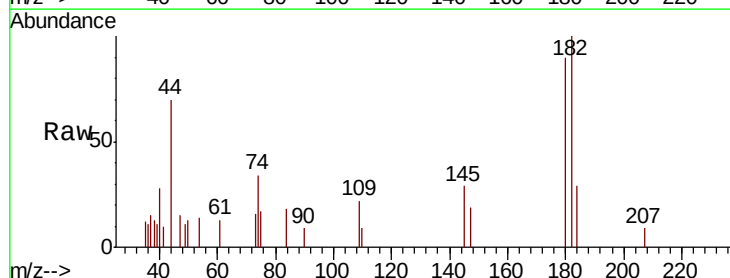
Tgt Ion: 180 Resp: 814

Ion Ratio Lower Upper

180 100

182 87.0 47.2 141.6

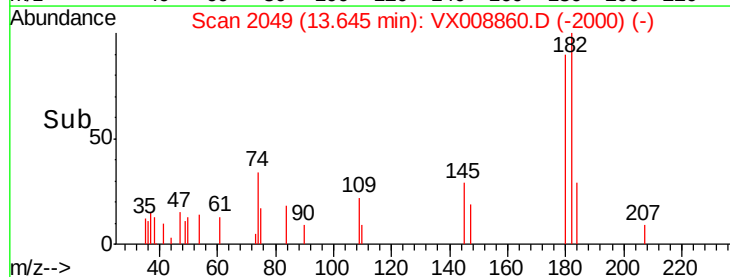
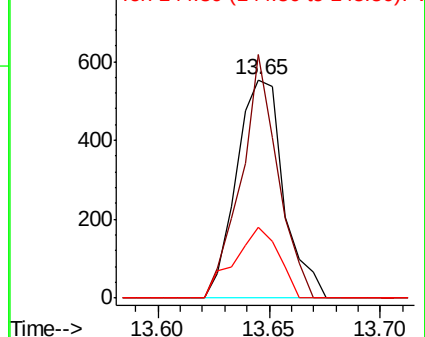
145 30.6 15.3 45.9

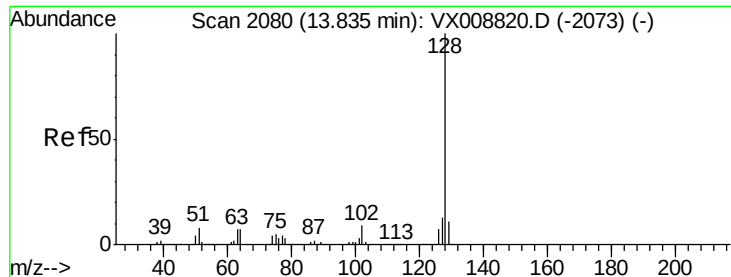


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

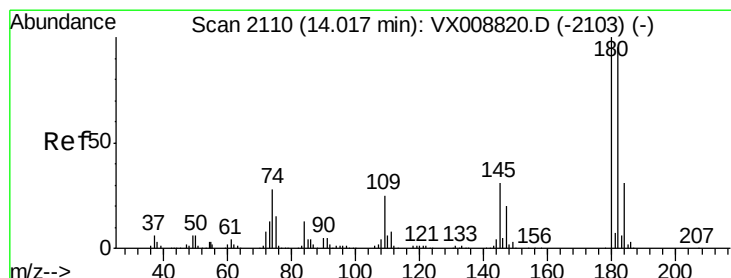
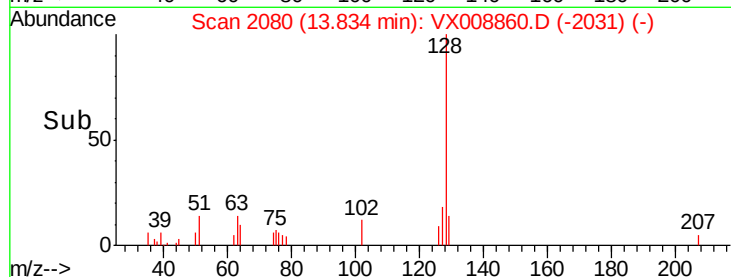
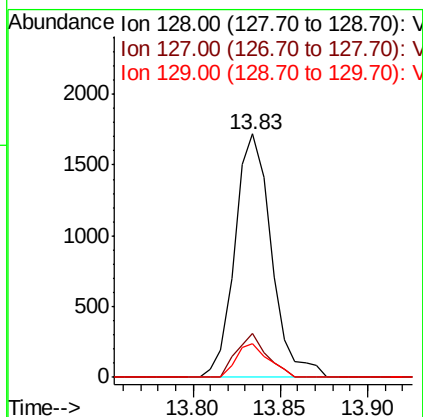
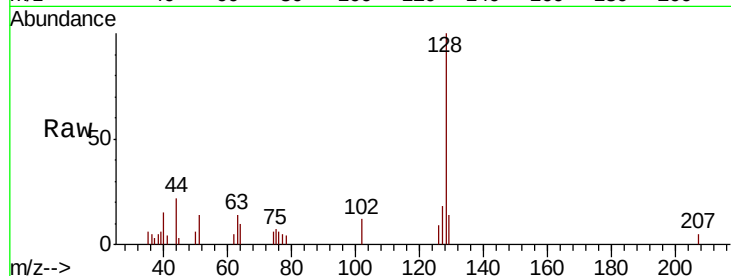




#95  
Naphthalene  
Concen: 0.258 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX008860.D  
Acq: 11 Apr 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW158-190408

Tgt Ion:128 Resp: 2506  
Ion Ratio Lower Upper  
128 100  
127 14.7 10.4 15.6  
129 12.1 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 0.262 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: VX008860.D  
Acq: 11 Apr 2019 18:27

Tgt Ion:180 Resp: 761  
Ion Ratio Lower Upper  
180 100  
182 94.3 48.1 144.3  
145 30.1 16.3 48.8

