

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\  
 Data File : VX006202.D  
 Acq On : 27 Nov 2018 04:04  
 Operator : JC/MD  
 Sample : J6028-07  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 27 05:00:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112018W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 21 08:15:54 2018  
 Response via : Initial Calibration

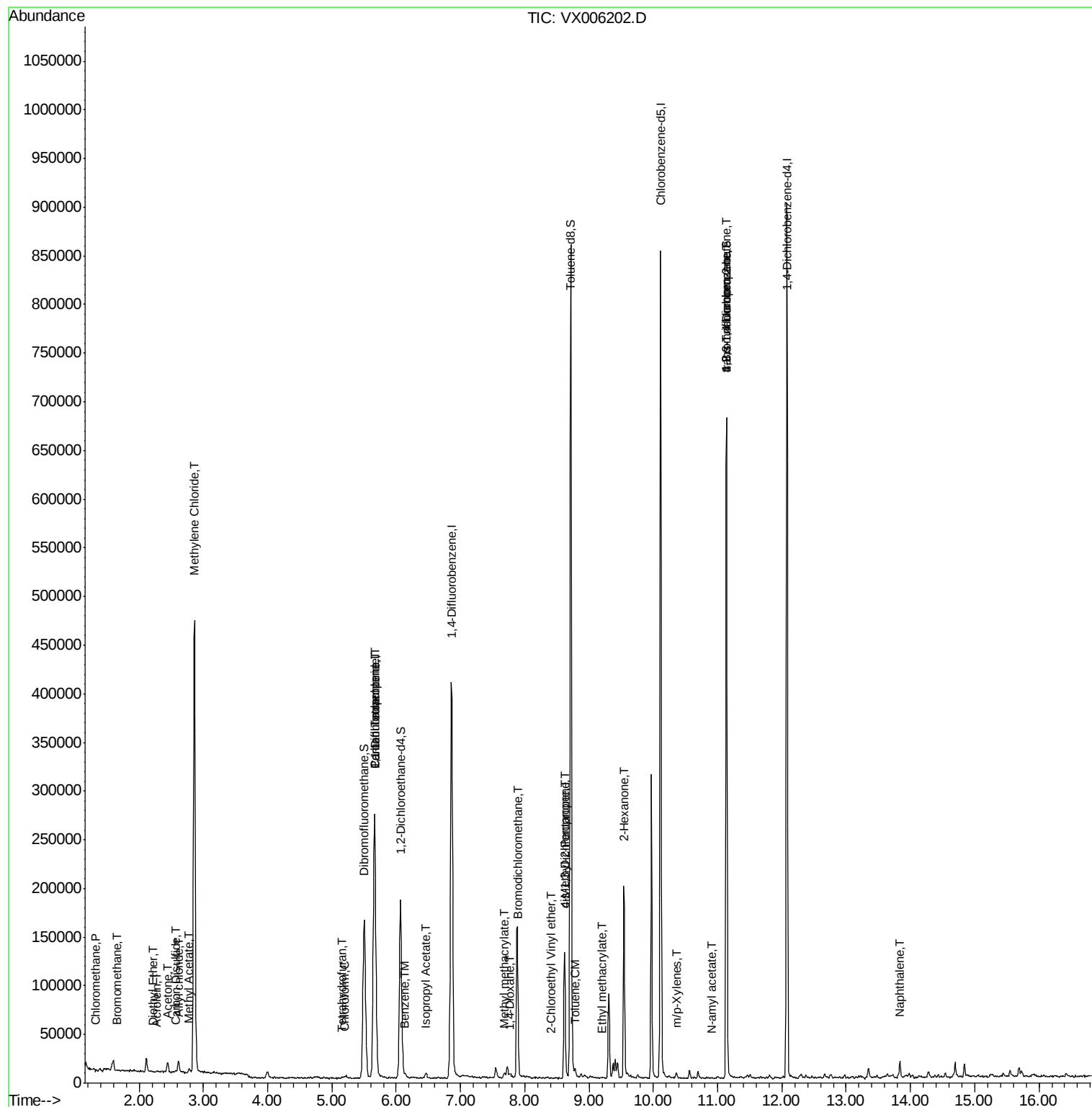
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 5.67   | 168  | 266060   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.86   | 114  | 401797   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.12  | 117  | 394053   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.08  | 152  | 182329   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.07   | 65   | 173149   | 56.16     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 112.32% |          |
| 35) Dibromofluoromethane       | 5.50   | 113  | 137718   | 53.40     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 106.80% |          |
| 50) Toluene-d8                 | 8.71   | 98   | 516045   | 52.46     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 104.92% |          |
| 62) 4-Bromofluorobenzene       | 11.14  | 95   | 167221   | 45.30     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 90.60%  |          |
| Target Compounds               |        |      |          | Qvalue    |         |          |
| 3) Chloromethane               | 1.33   | 50   | 977      | 0.391     | ug/l #  | 81       |
| 5) Bromomethane                | 1.65   | 94   | 324      | 3.869     | ug/l #  | 23       |
| 6) Chloroethane                | 1.72   | 64   | 137      | Below Cal | #       | 1        |
| 8) Diethyl Ether               | 2.21   | 74   | 370      | 0.263     | ug/l #  | 1        |
| 13) Acrolein                   | 2.28   | 56   | 186      | 0.474     | ug/l    | 84       |
| 14) Allyl chloride             | 2.62   | 41   | 1226     | 0.312     | ug/l #  | 52       |
| 16) Acetone                    | 2.45   | 43   | 11899    | 8.698     | ug/l    | 99       |
| 17) Carbon Disulfide           | 2.57   | 76   | 2185     | 0.421     | ug/l    | 97       |
| 18) Methyl Acetate             | 2.78   | 43   | 4848     | 1.382     | ug/l #  | 88       |
| 20) Methylene Chloride         | 2.86   | 84   | 212247   | 102.870   | ug/l    | 95       |
| 29) Tetrahydrofuran            | 5.15   | 42   | 855      | 0.540     | ug/l #  | 84       |
| 30) Chloroform                 | 5.21   | 83   | 2724     | 0.567     | ug/l #  | 79       |
| 36) 1,1-Dichloropropene        | 5.67   | 75   | 19373    | 5.300     | ug/l #  | 51       |
| 38) Carbon Tetrachloride       | 5.67   | 117  | 24434    | 7.112     | ug/l #  | 17       |
| 40) Benzene                    | 6.14   | 78   | 3441     | 0.320     | ug/l    | 94       |
| 43) Isopropyl Acetate          | 6.46   | 43   | 6727     | 0.990     | ug/l #  | 86       |
| 47) Bromodichloromethane       | 7.90   | 83   | 816      | 0.226     | ug/l #  | 91       |
| 48) Methyl methacrylate        | 7.68   | 41   | 6395     | 1.857     | ug/l #  | 27       |
| 49) 1,4-Dioxane                | 7.76   | 88   | 51       | 0.624     | ug/l #  | 22       |
| 51) 4-Methyl-2-Pentanone       | 8.62   | 43   | 45698    | 9.386     | ug/l #  | 53       |
| 52) Toluene                    | 8.78   | 92   | 1967     | 0.295     | ug/l    | 91       |
| 54) cis-1,3-Dichloropropene    | 8.62   | 75   | 19034    | 4.571     | ug/l #  | 69       |
| 56) Ethyl methacrylate         | 9.20   | 69   | 82       | 2.883     | ug/l #  | 23       |
| 58) 2-Chloroethyl Vinyl ether  | 8.42   | 63   | 79       | 6.752     | ug/l    | 96       |
| 59) 2-Hexanone                 | 9.54   | 43   | 23779    | 6.154     | ug/l #  | 56       |
| 68) m/p-Xylenes                | 10.36  | 106  | 1384     | 0.269     | ug/l    | 93       |
| 74) N-amyl acetate             | 10.91  | 43   | 185      | 2.224     | ug/l #  | 2        |
| 76) 1,2,3-Trichloropropane     | 11.14  | 75   | 86673    | 23.090    | ug/l #  | 39       |
| 81) trans-1,4-Dichloro-2-buten | 11.14  | 75   | 86673    | 78.094    | ug/l #  | 8        |
| 95) Naphthalene                | 13.83  | 128  | 10383    | 0.860     | ug/l #  | 89       |

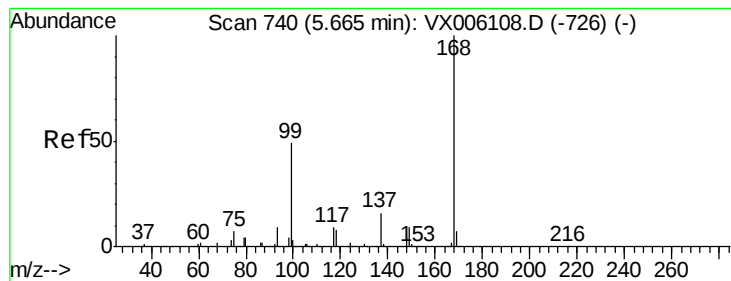
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112018W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 21 08:15:54 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

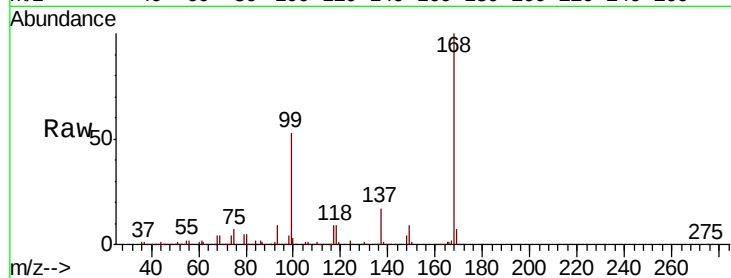
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:168 Resp: 266060

Ion Ratio Lower Upper

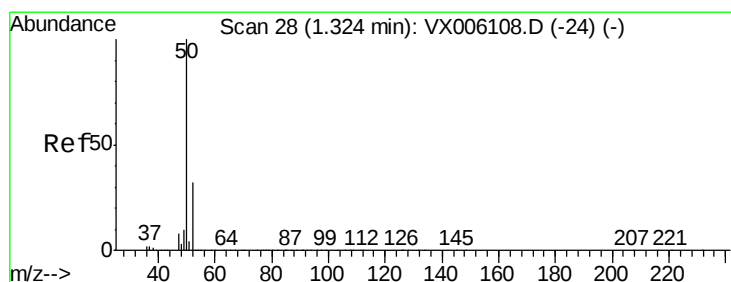
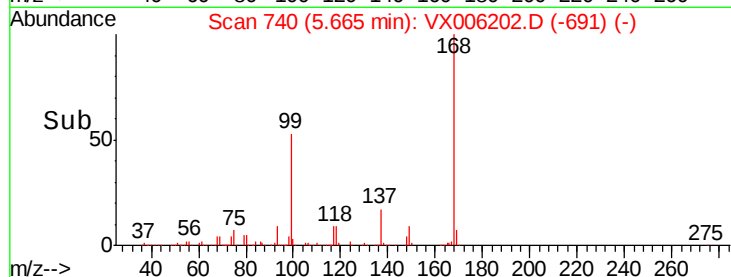
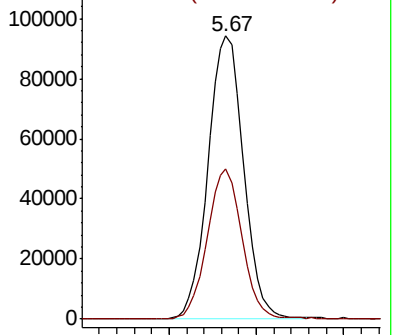
168 100

99 53.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.391 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006202.D

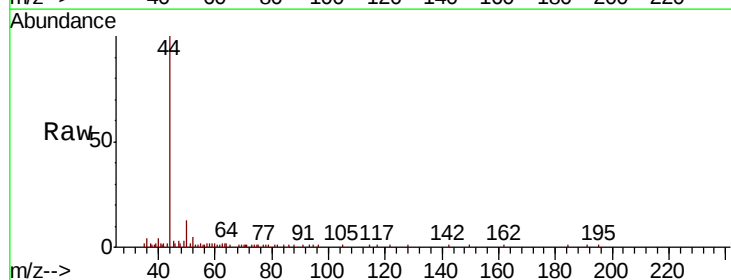
Acq: 27 Nov 2018 04:04

Tgt Ion: 50 Resp: 977

Ion Ratio Lower Upper

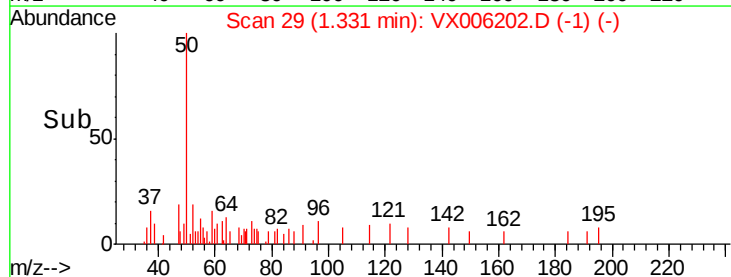
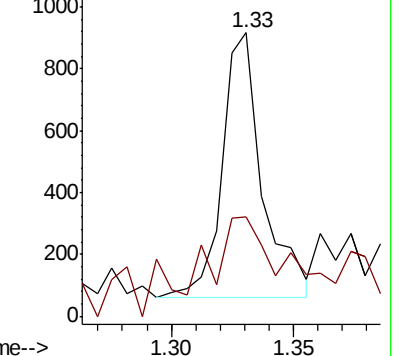
50 100

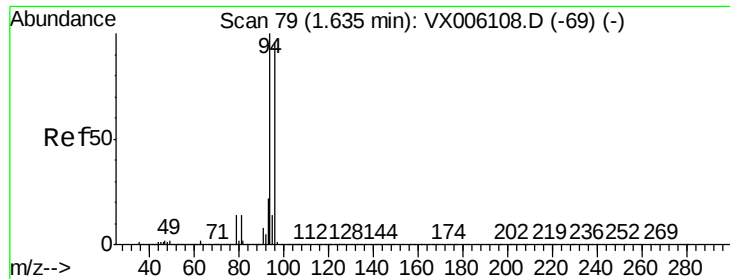
52 21.5 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 3.869 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

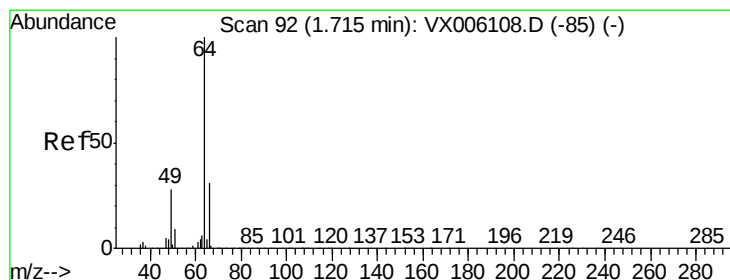
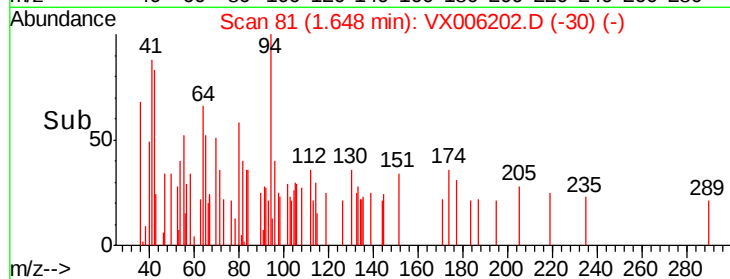
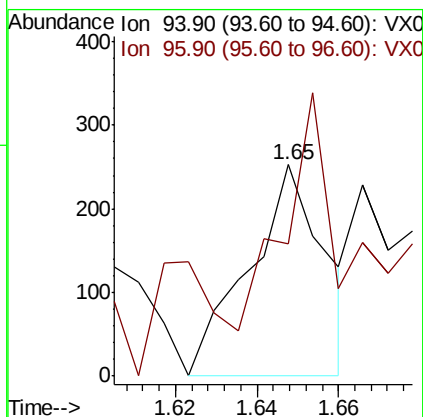
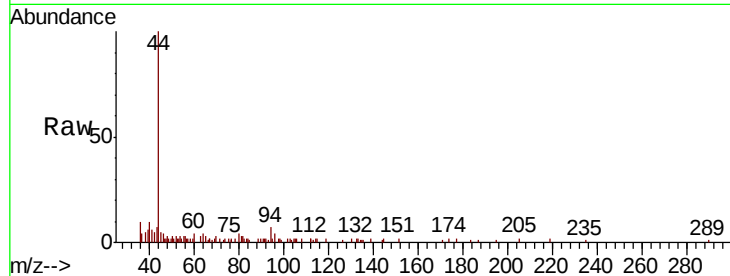
ClientSampleId :

Tot Ion: 94 Resp: 324

Ion Ratio Lower Upper

94 100

96 20.9 76.7 115.1#



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006202.D

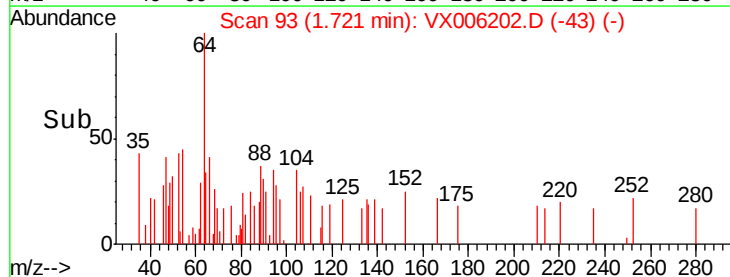
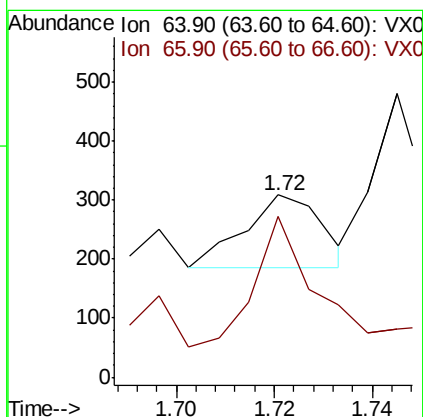
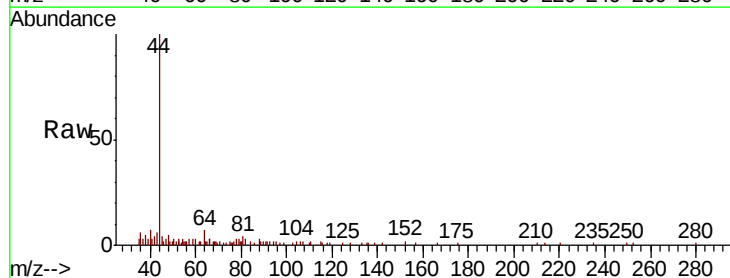
Acq: 27 Nov 2018 04:04

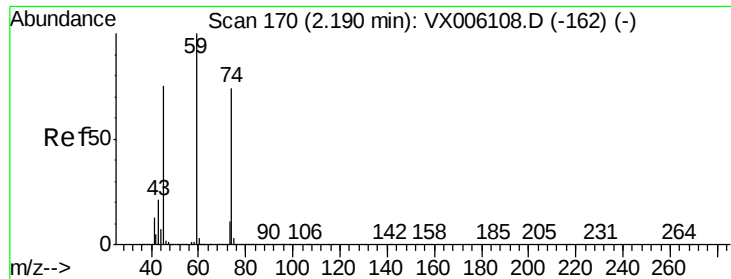
Tgt Ion: 64 Resp: 137

Ion Ratio Lower Upper

64 100

66 178.2 25.1 37.7#





#8

Diethyl Ether

Concen: 0.263 ug/l

RT: 2.21 min Scan# 173

Delta R.T. 0.02 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

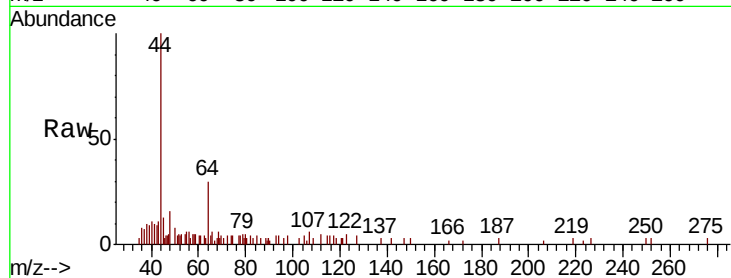
ClientSampled :

Tot Ion: 74 Resp: 370

Ion Ratio Lower Upper

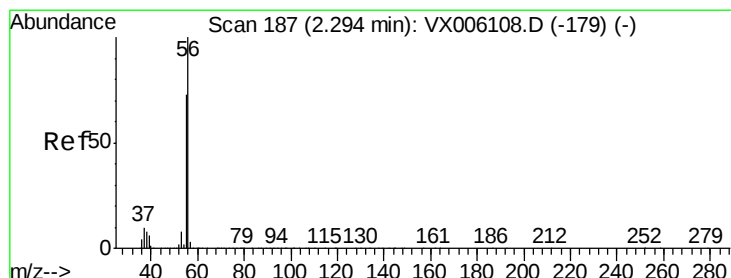
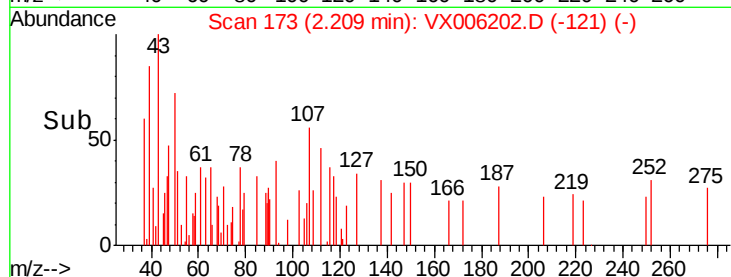
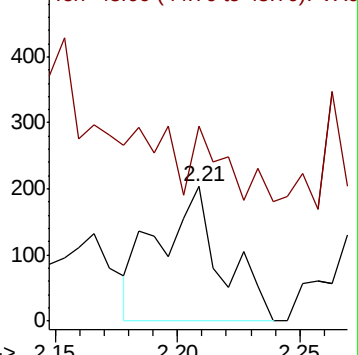
74 100

45 0.0 52.2 156.6#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#13

Acrolein

Concen: 0.474 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX006202.D

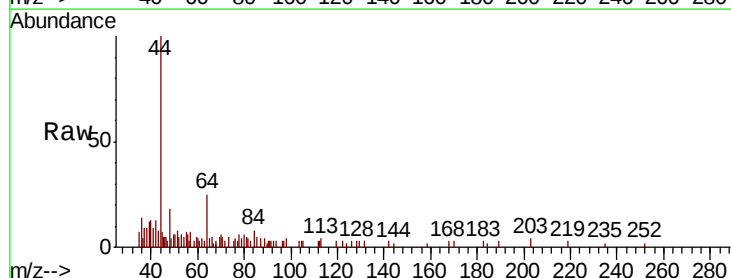
Acq: 27 Nov 2018 04:04

Tgt Ion: 56 Resp: 186

Ion Ratio Lower Upper

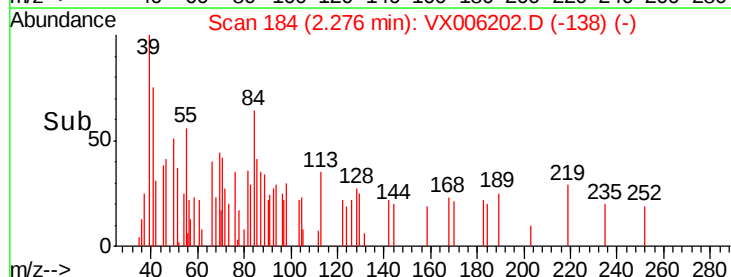
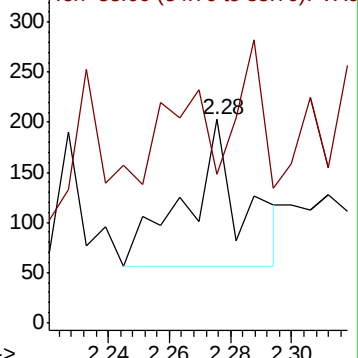
56 100

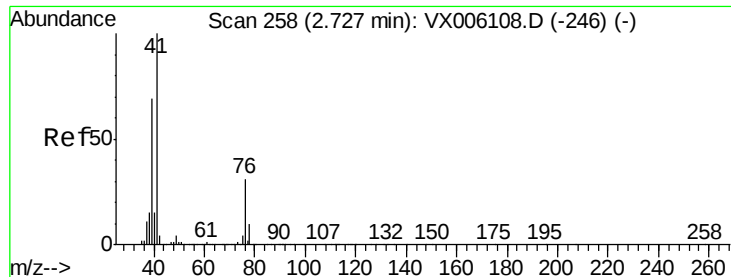
55 58.6 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#14

Allvl chloride

Concen: 0.312 ug/l

RT: 2.62 min Scan# 240

Delta R.T. -0.11 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

ClientSampled :

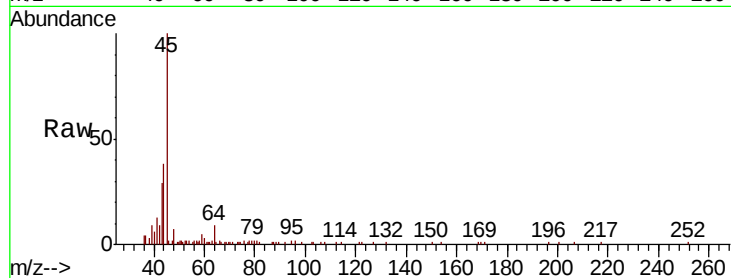
Tot Ion: 41 Resp: 1226

Ion Ratio Lower Upper

41 100

39 100.7 52.5 78.7#

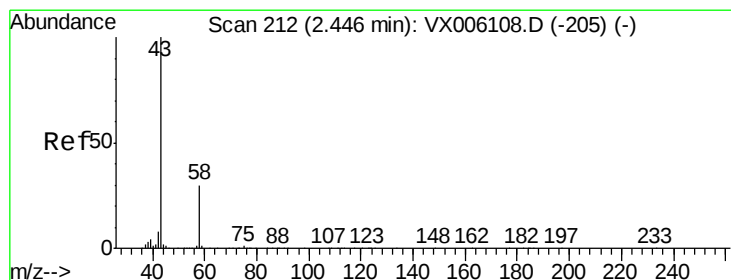
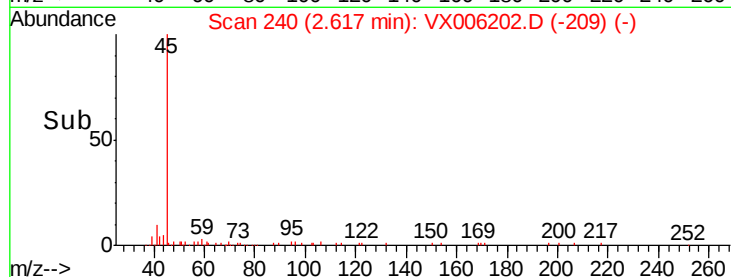
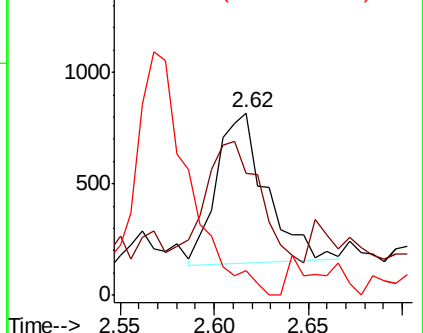
76 0.0 23.4 35.2#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 8.698 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006202.D

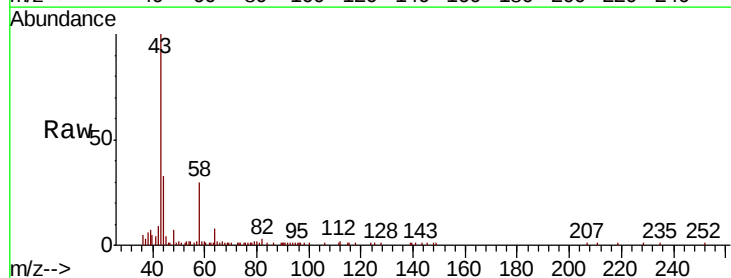
Acq: 27 Nov 2018 04:04

Tgt Ion: 43 Resp: 11899

Ion Ratio Lower Upper

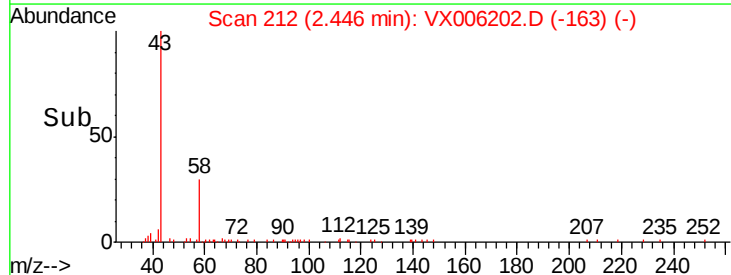
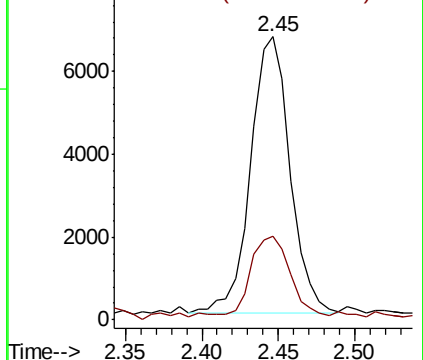
43 100

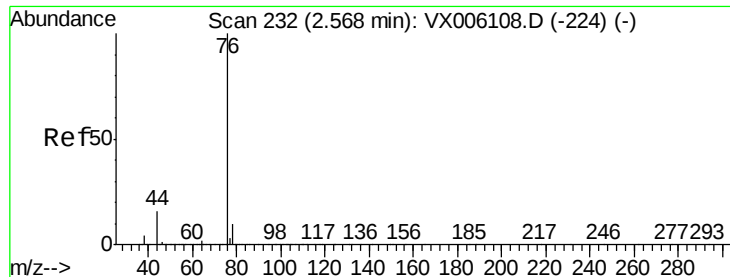
58 29.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.421 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

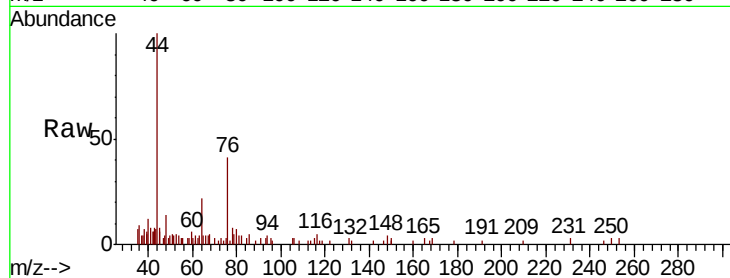
ClientSampleId :

Tot Ion: 76 Resp: 2185

Ion Ratio Lower Upper

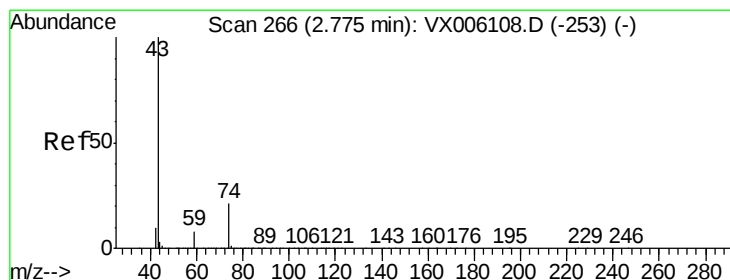
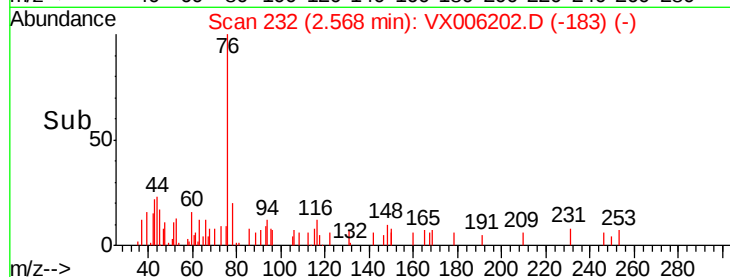
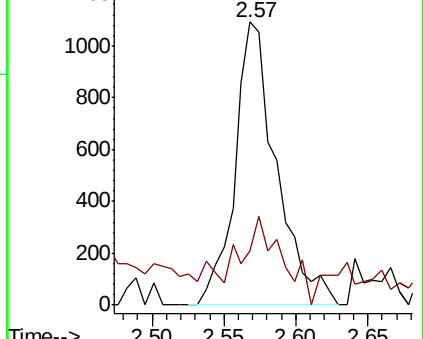
76 100

78 8.4 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.382 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006202.D

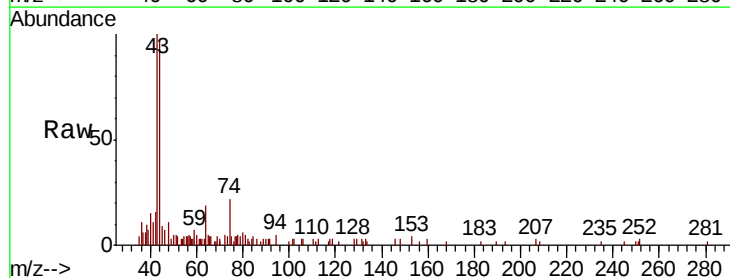
Acq: 27 Nov 2018 04:04

Tgt Ion: 43 Resp: 4848

Ion Ratio Lower Upper

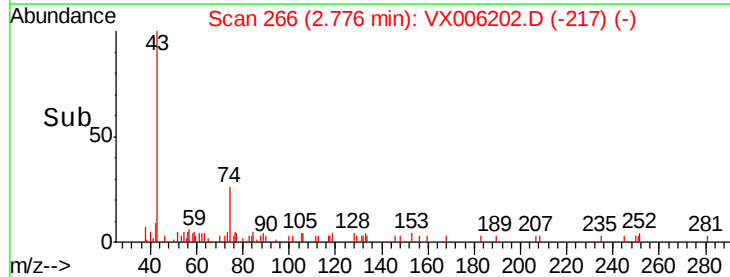
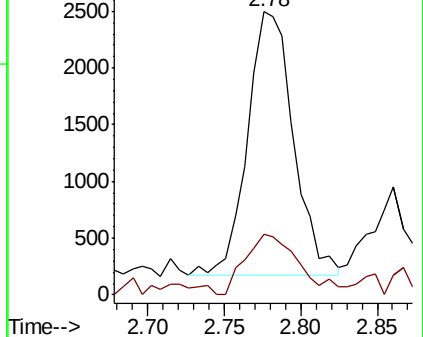
43 100

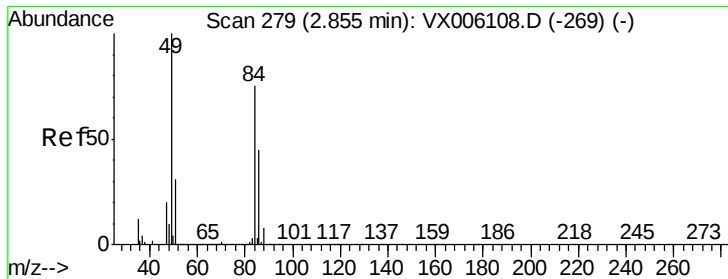
74 27.4 17.3 25.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 102.870 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

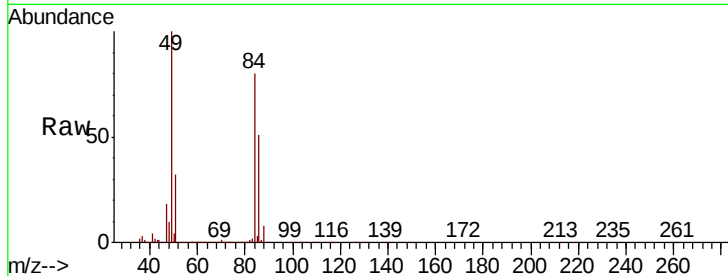
Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 84 Resp: 212247

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 125.4 | 106.6 | 159.8 |
| 51  | 40.0  | 32.6  | 49.0  |
| 86  | 64.2  | 48.4  | 72.6  |

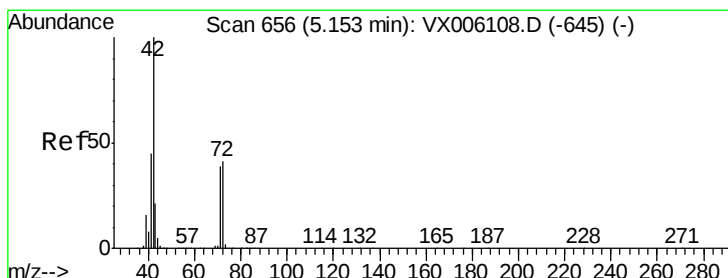
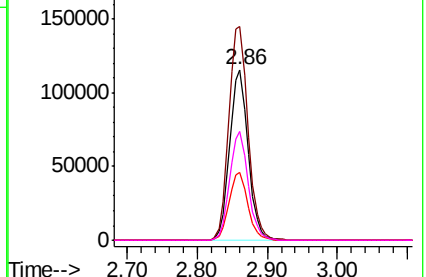
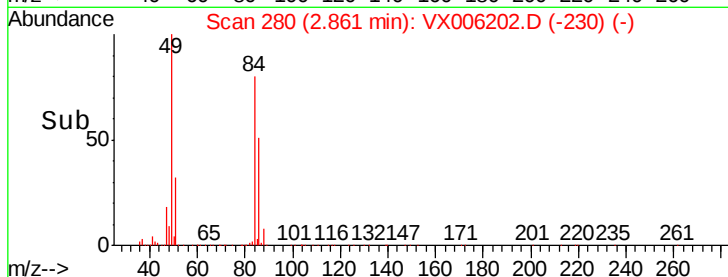


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#29

Tetrahydrofuran

Concen: 0.540 ug/l

RT: 5.15 min Scan# 656

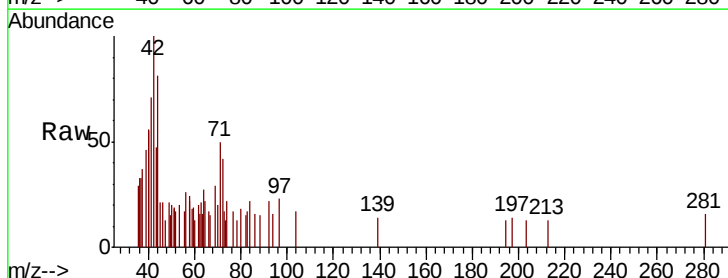
Delta R.T. 0.00 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Tgt Ion: 42 Resp: 855

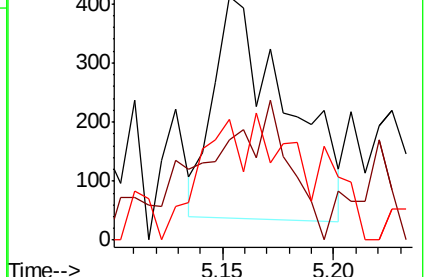
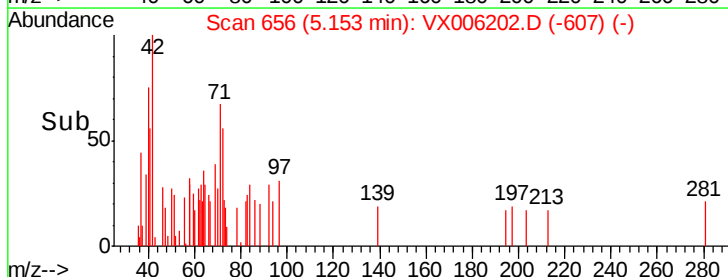
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 54.7  | 33.0  | 49.6# |
| 71  | 32.9  | 31.0  | 46.4  |

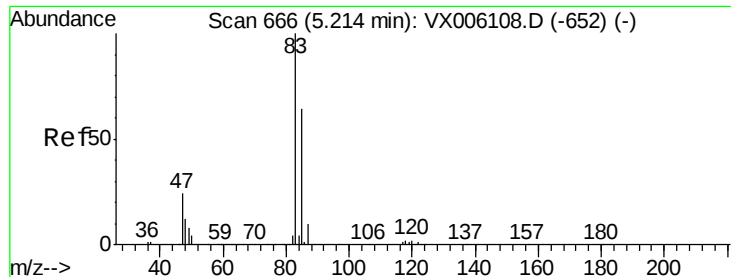


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

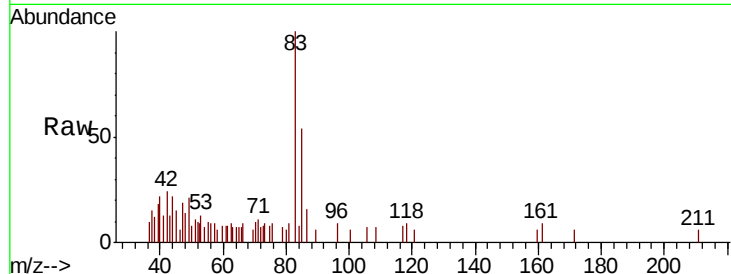




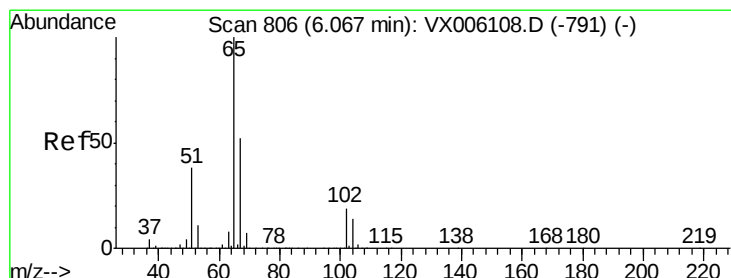
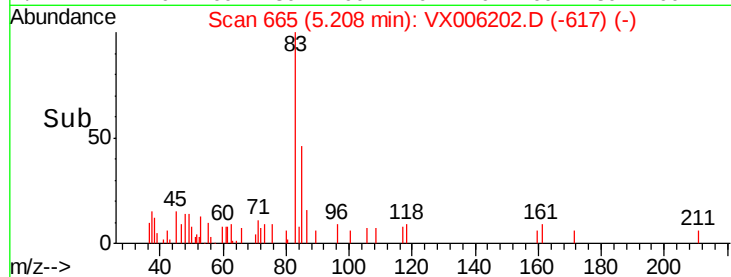
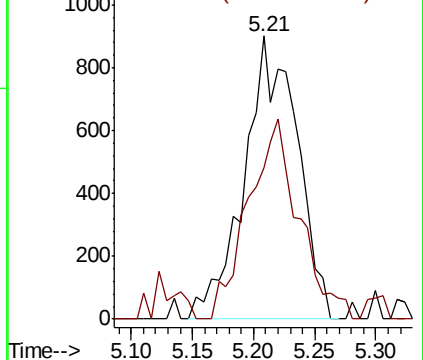
#30  
Chloroform  
Concen: 0.567 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VX006202.D  
Acq: 27 Nov 2018 04:04

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 83 Resp: 2724  
Ion Ratio Lower Upper  
83 100  
85 47.2 51.0 76.4#

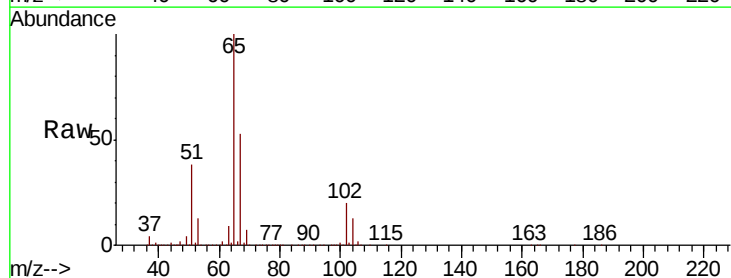


Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0

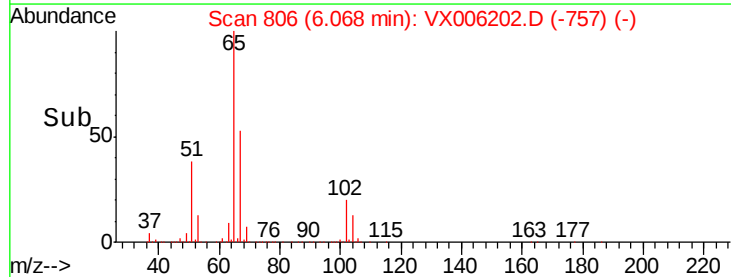
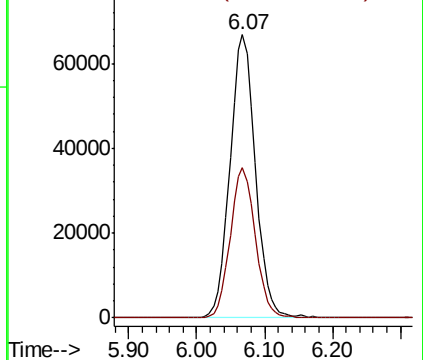


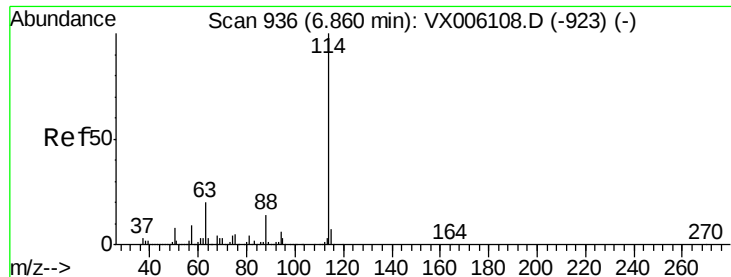
#33  
1,2-Dichloroethane-d4  
Concen: 56.163 ug/l  
RT: 6.07 min Scan# 806  
Delta R.T. 0.00 min  
Lab File: VX006202.D  
Acq: 27 Nov 2018 04:04

Tgt Ion: 65 Resp: 173149  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 105.8



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: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

ClientSampleId :

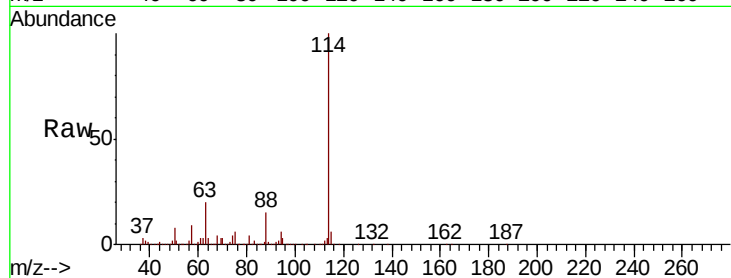
Tot Ion:114 Resp: 401797

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

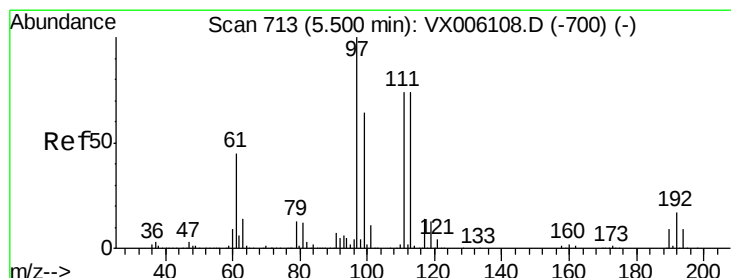
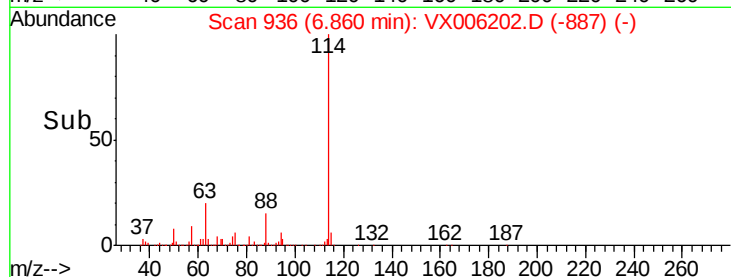
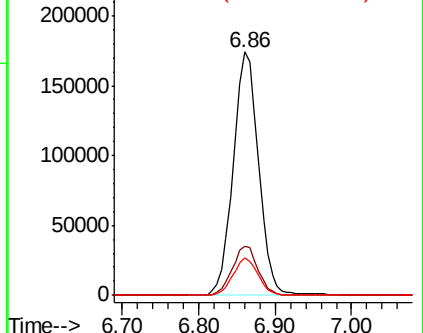
88 15.4 0.0 28.6



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: 53.395 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

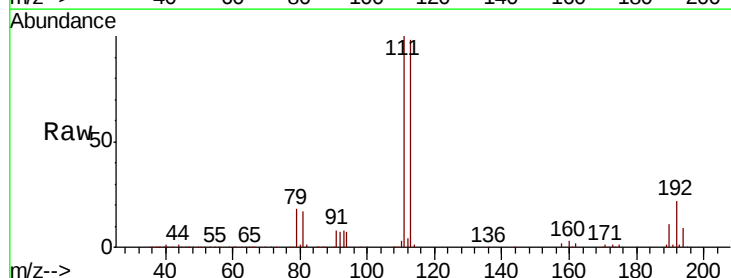
Tgt Ion:113 Resp: 137718

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

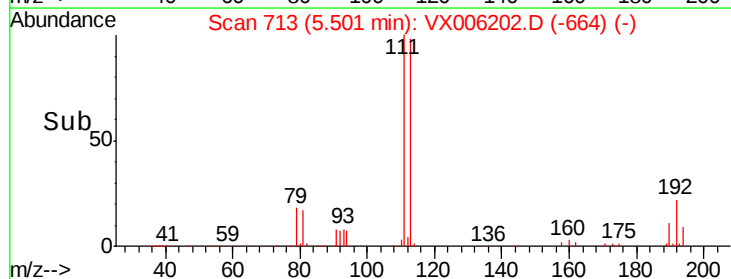
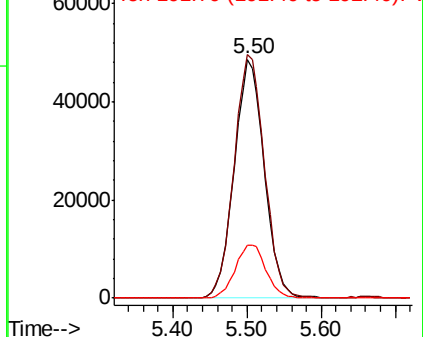
192 22.8 18.6 28.0

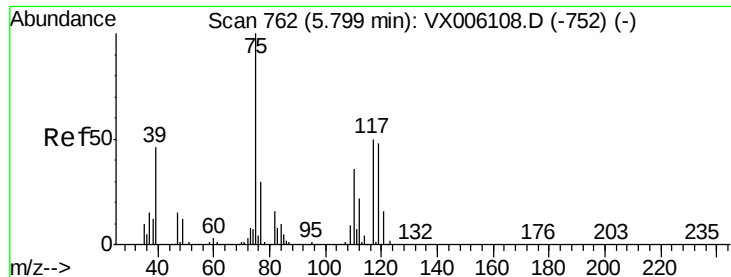


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.300 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.13 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :  
MSVOA\_X  
ClientSampleId :

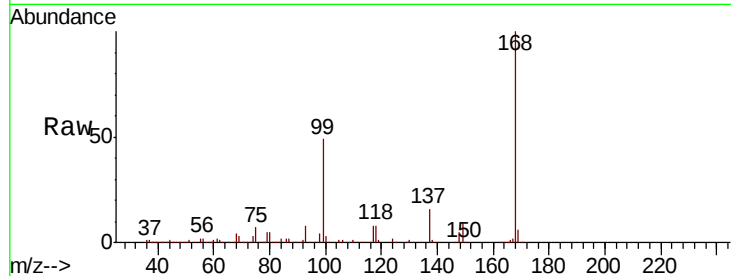
Tot Ion: 75 Resp: 19373

Ion Ratio Lower Upper

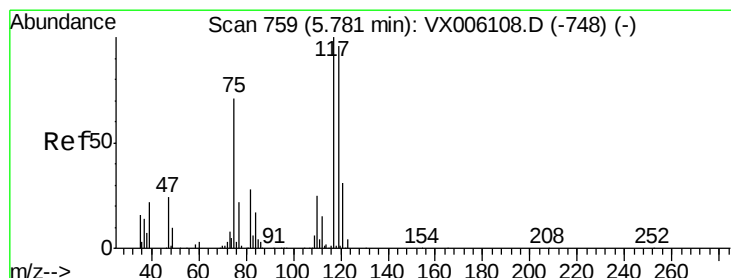
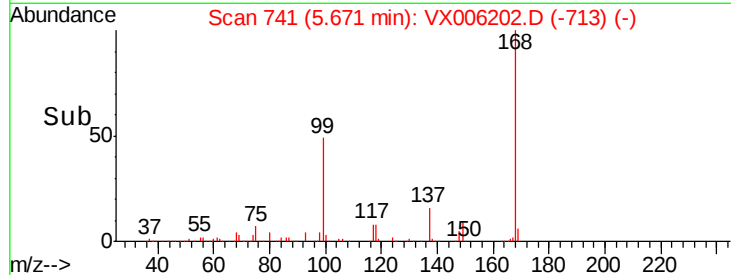
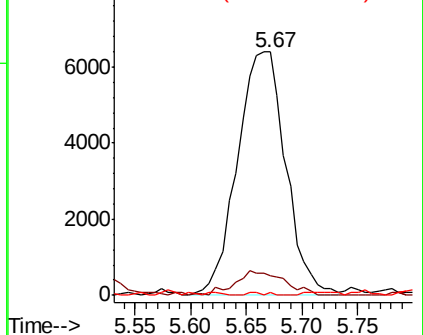
75 100

110 10.0 17.8 53.3#

77 0.4 24.5 36.7#



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: 7.112 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

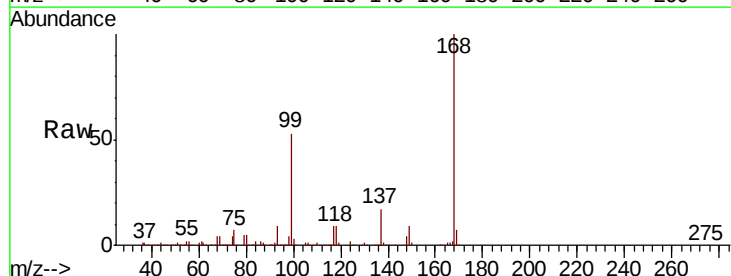
Tgt Ion:117 Resp: 24434

Ion Ratio Lower Upper

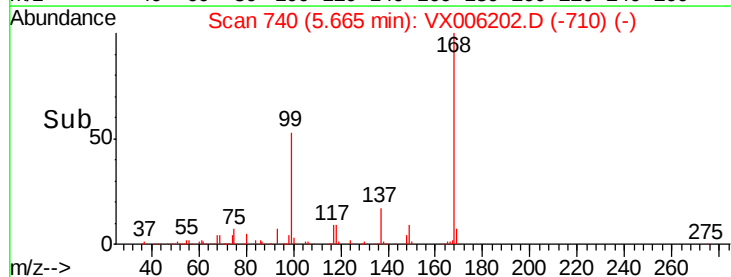
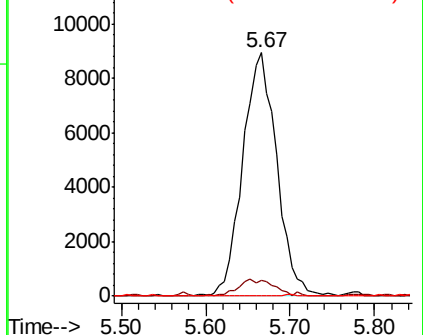
117 100

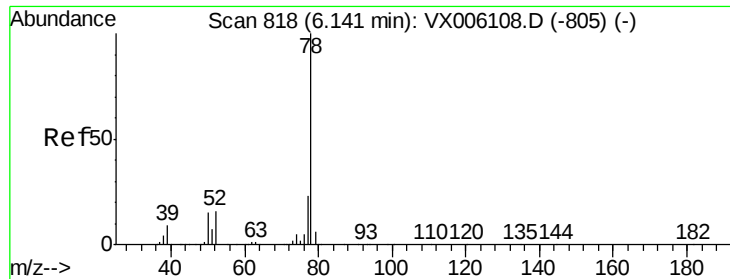
119 6.3 76.3 114.5#

121 0.0 24.7 37.1#



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





#40

Benzene

Concen: 0.320 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

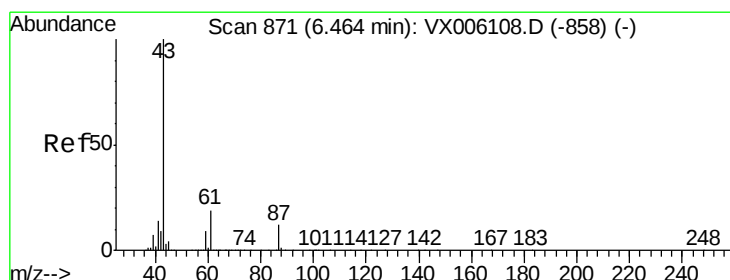
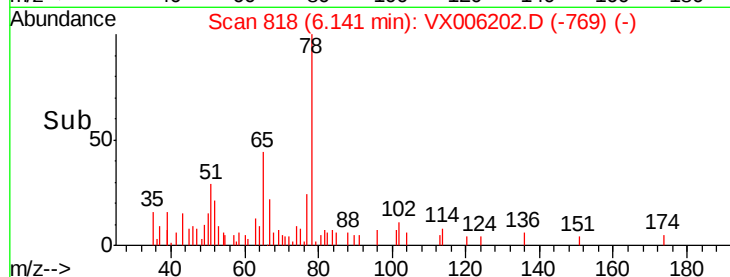
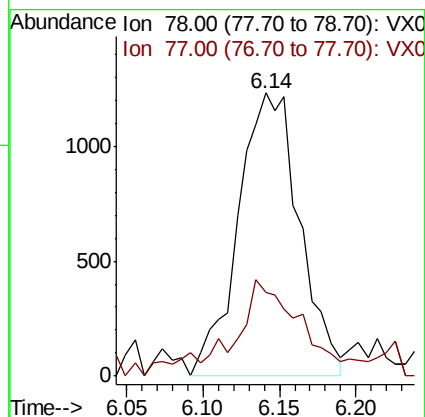
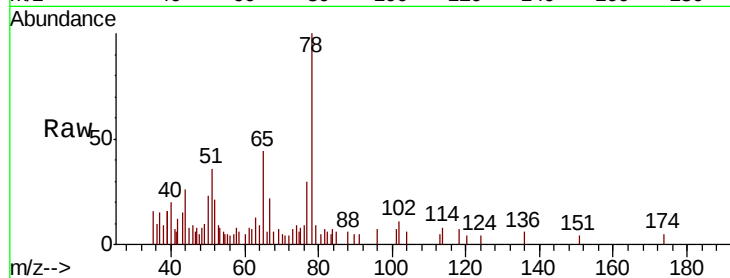
ClientSampleId :

Tot Ion: 78 Resp: 3441

Ion Ratio Lower Upper

78 100

77 26.2 18.8 28.2



#43

Isopropyl Acetate

Concen: 0.990 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

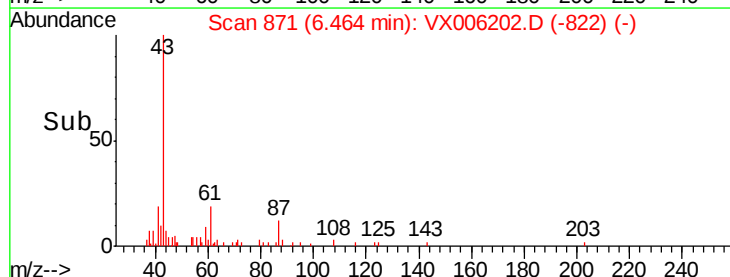
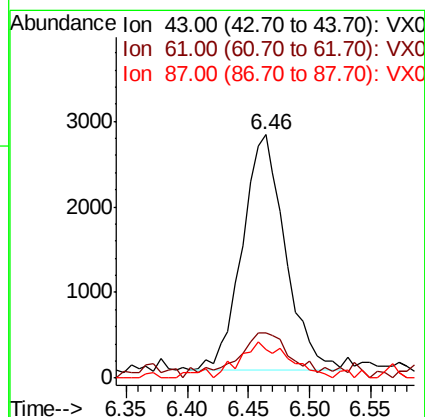
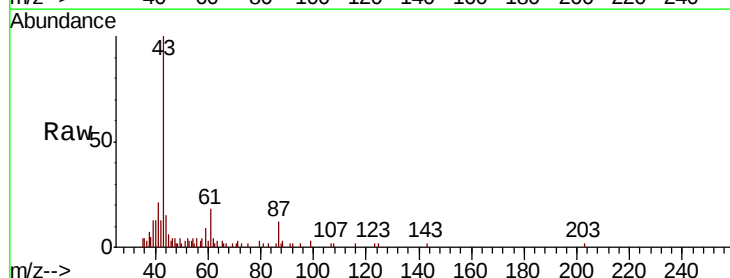
Tgt Ion: 43 Resp: 6727

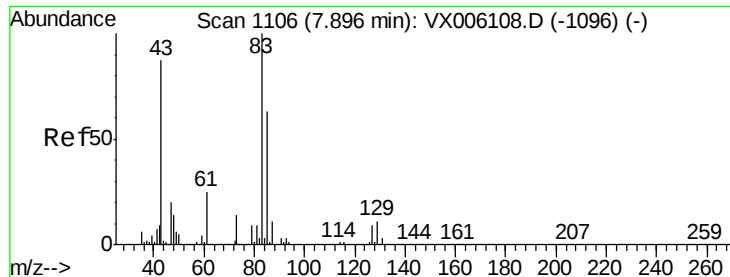
Ion Ratio Lower Upper

43 100

61 25.6 15.2 22.8#

87 17.3 9.6 14.4#





#47

Bromodichloromethane

Concen: 0.226 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

ClientSampled :

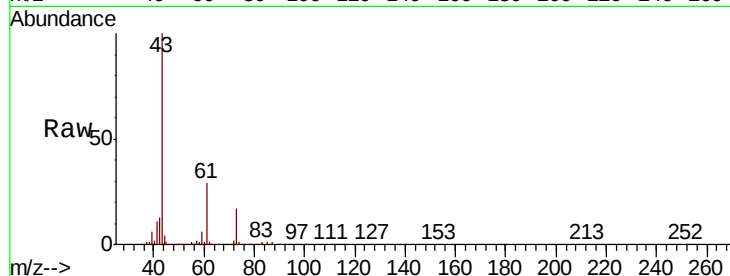
Tot Ion: 83 Resp: 816

Ion Ratio Lower Upper

83 100

85 66.3 50.4 75.6

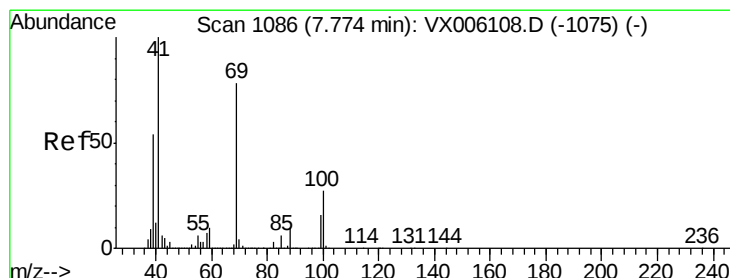
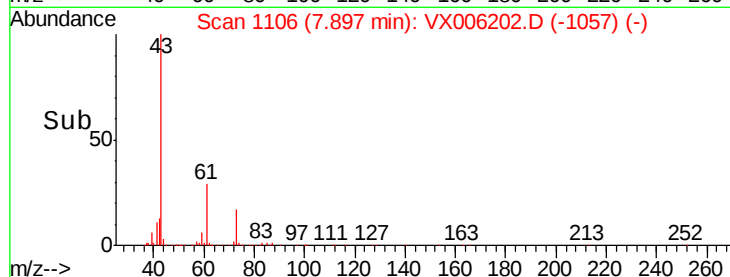
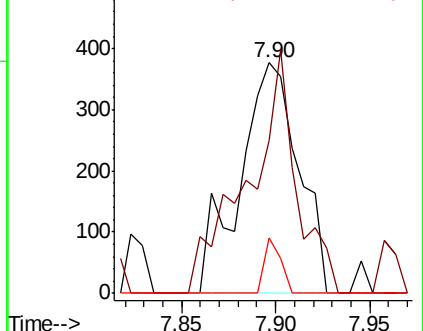
127 24.1 7.0 10.4#



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: 1.857 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

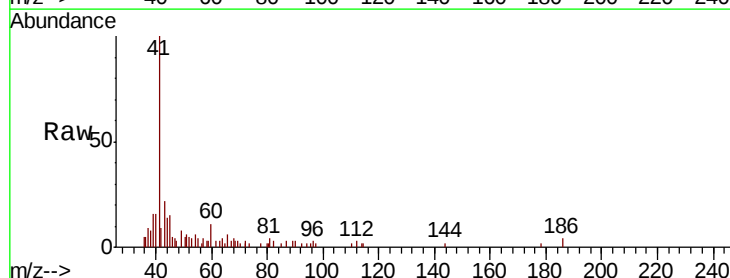
Tgt Ion: 41 Resp: 6395

Ion Ratio Lower Upper

41 100

69 1.5 62.8 94.2#

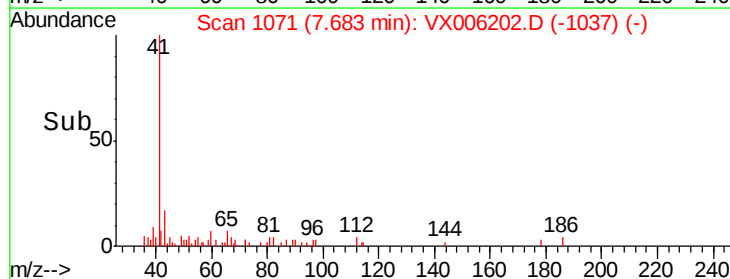
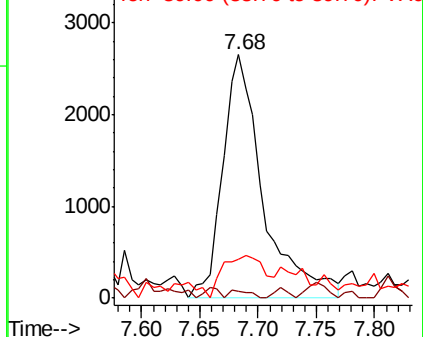
39 18.2 43.8 65.6#

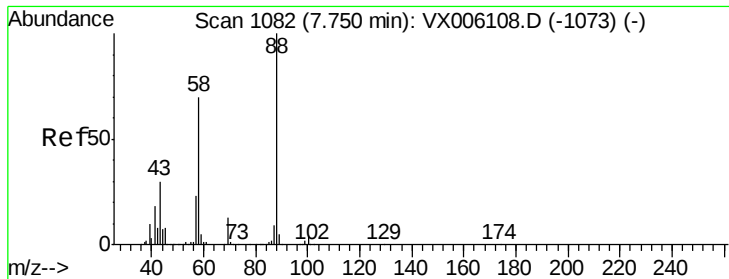


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

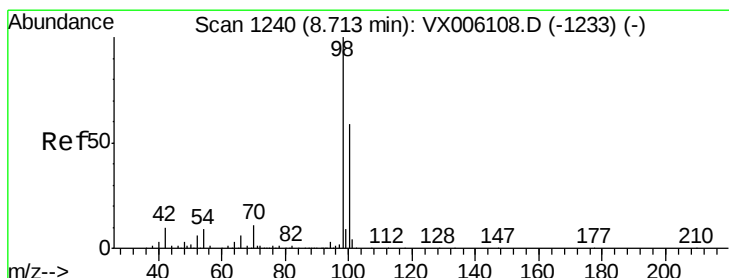
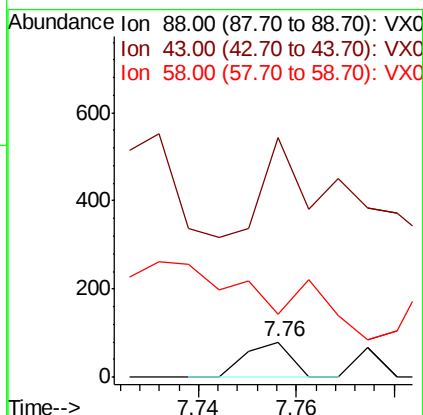
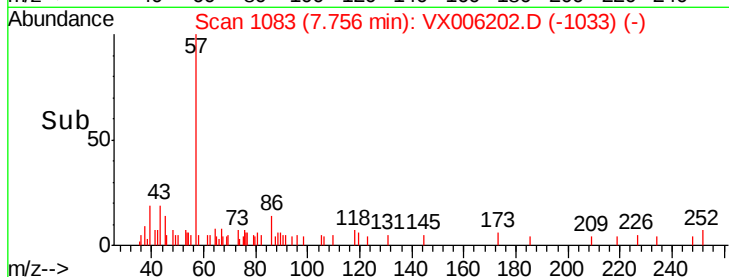
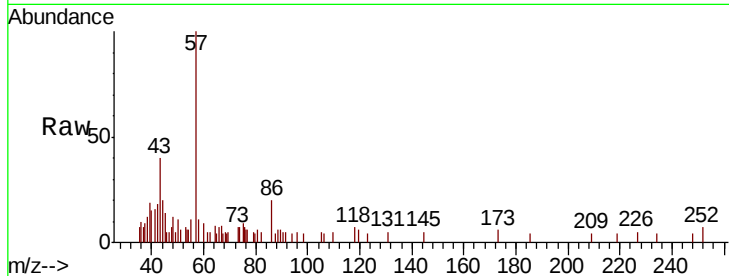




#49  
 1,4-Dioxane  
 Concen: 0.624 ug/l  
 RT: 7.76 min Scan# 1083  
 Delta R.T. 0.01 min  
 Lab File: VX006202.D  
 Acq: 27 Nov 2018 04:04

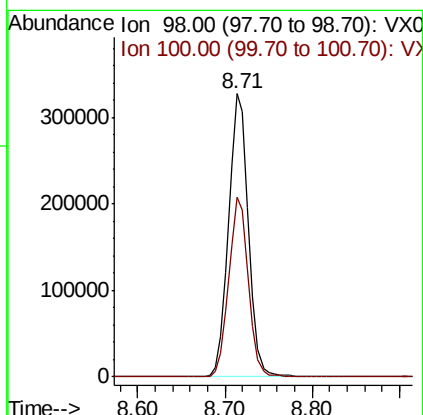
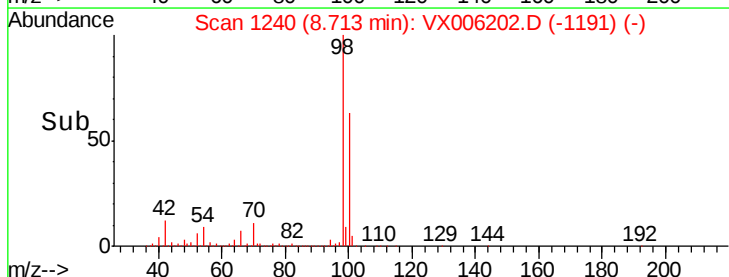
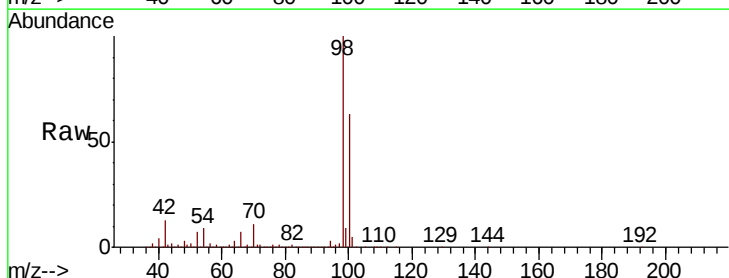
Instrument :  
 MSVOA\_X  
 ClientSampled :

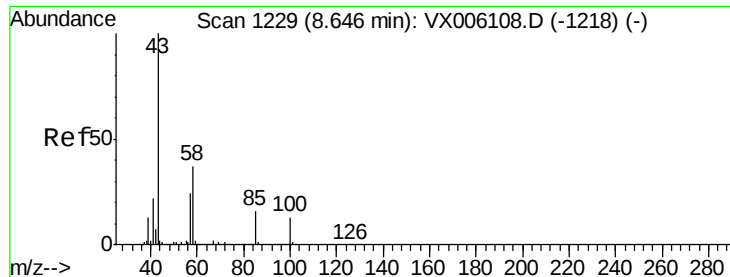
Tot Ion: 88 Resp: 51  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 26.7 40.1#  
 58 0.0 58.5 87.7#



#50  
 Toluene-d8  
 Concen: 52.457 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VX006202.D  
 Acq: 27 Nov 2018 04:04

Tgt Ion: 98 Resp: 516045  
 Ion Ratio Lower Upper  
 98 100  
 100 62.5 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 9.386 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

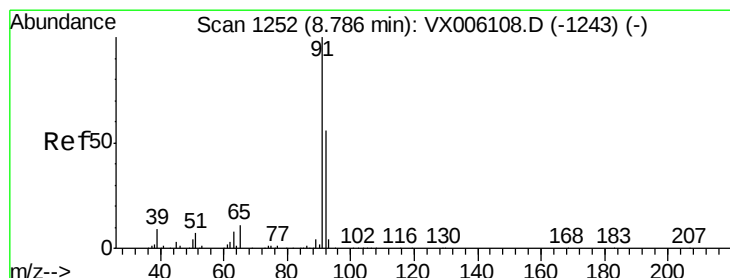
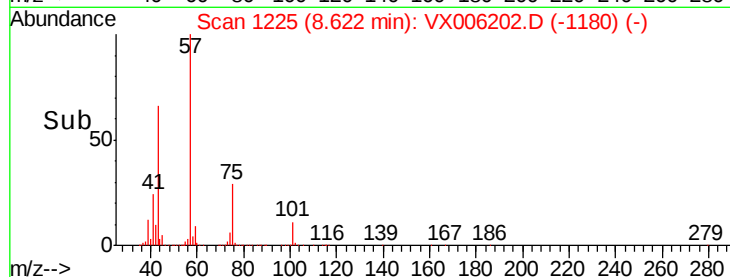
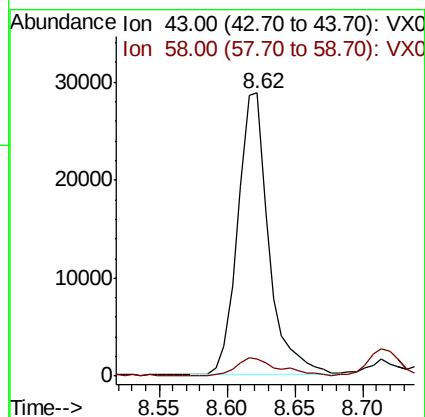
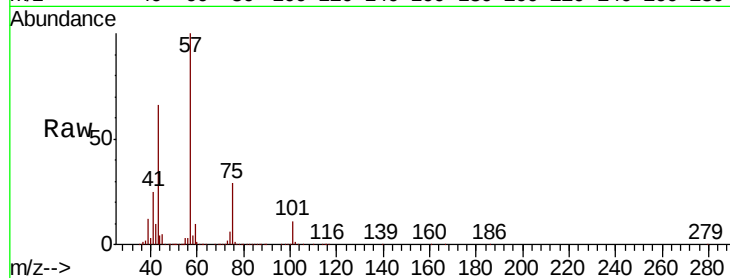
ClientSampled :

Tot Ion: 43 Resp: 45698

Ion Ratio Lower Upper

43 100

58 9.2 29.9 44.9#



#52

Toluene

Concen: 0.295 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006202.D

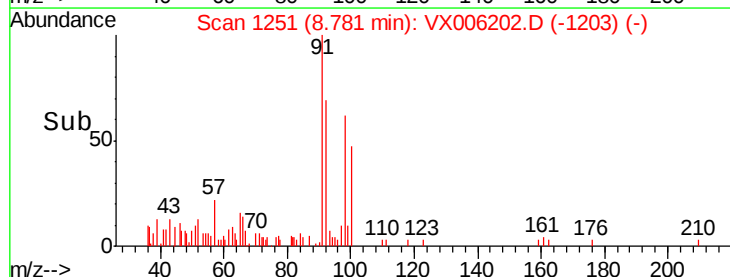
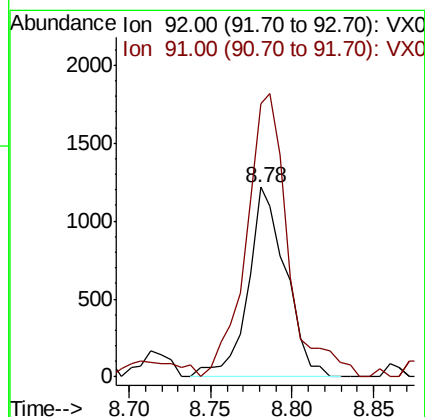
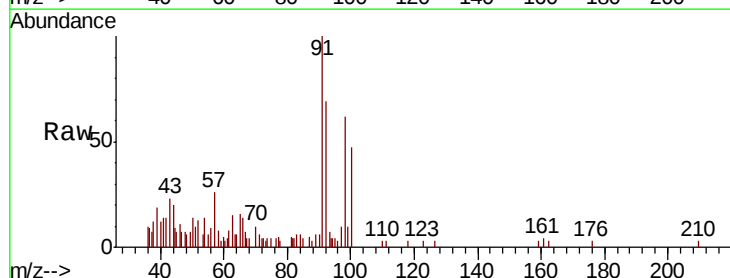
Acq: 27 Nov 2018 04:04

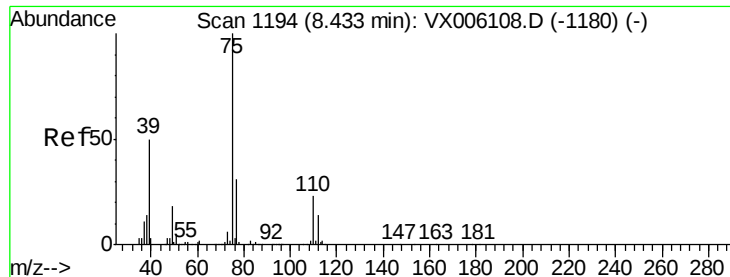
Tgt Ion: 92 Resp: 1967

Ion Ratio Lower Upper

92 100

91 164.8 142.5 213.7





#54

cis-1,3-Dichloropropene

Concen: 4.571 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.19 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

ClientSampleId :

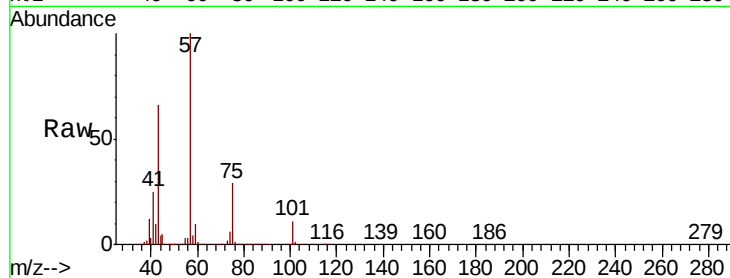
Tot Ion: 75 Resp: 19034

Ion Ratio Lower Upper

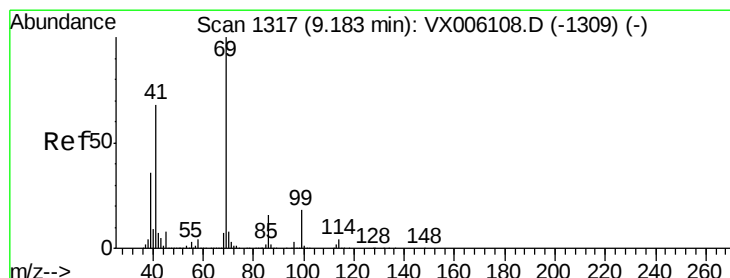
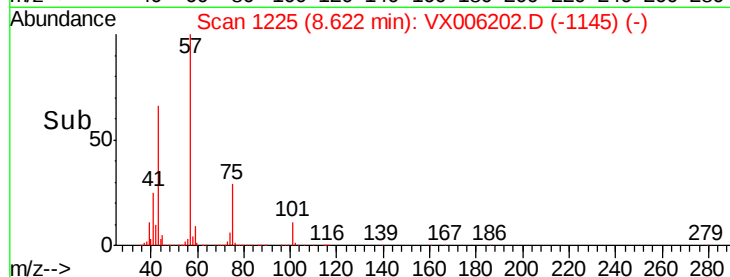
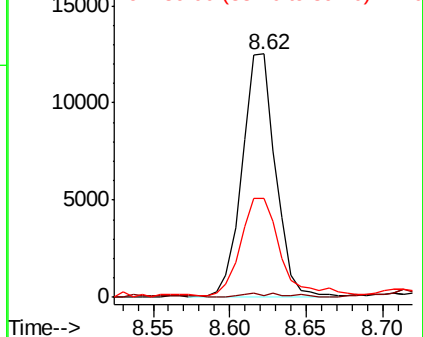
75 100

77 0.9 24.7 37.1#

39 39.5 40.3 60.5#



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: 2.883 ug/l

RT: 9.20 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

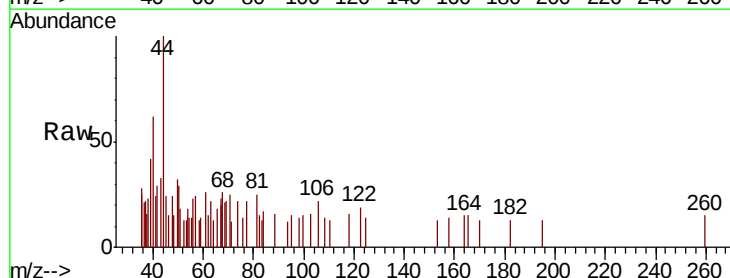
Tgt Ion: 69 Resp: 82

Ion Ratio Lower Upper

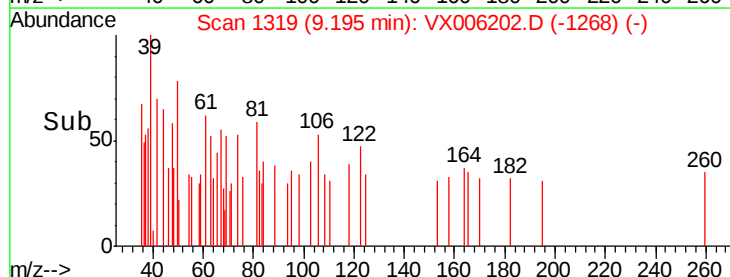
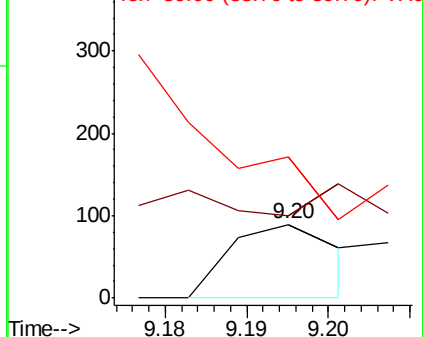
69 100

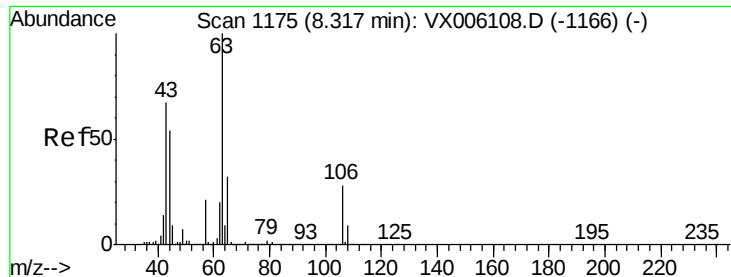
41 0.0 56.2 84.4#

39 0.0 29.4 44.0#



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: 6.752 ug/l

RT: 8.42 min Scan# 1192

Delta R.T. 0.10 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

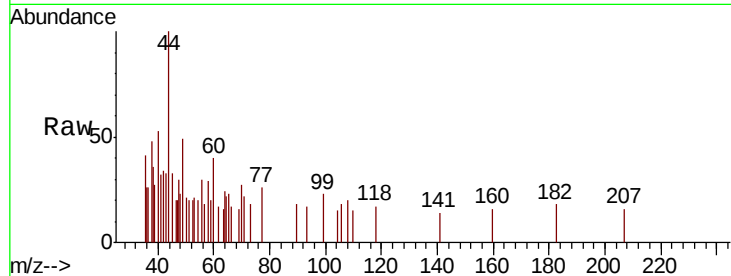
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 63 Resp: 79

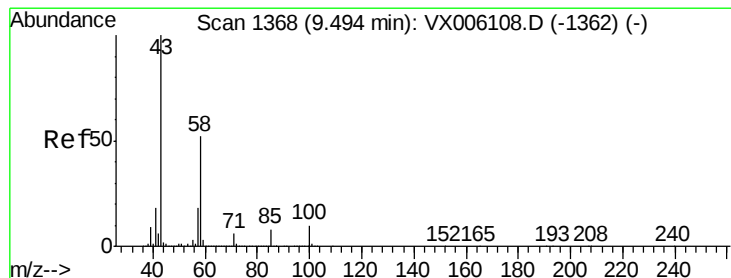
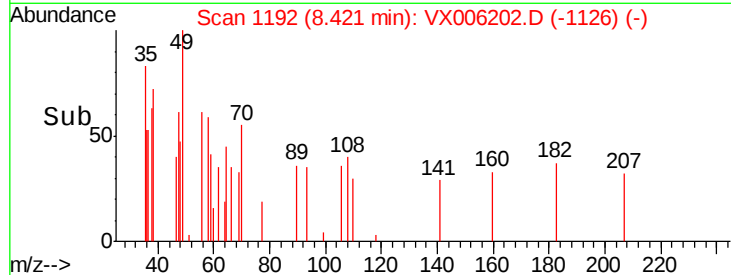
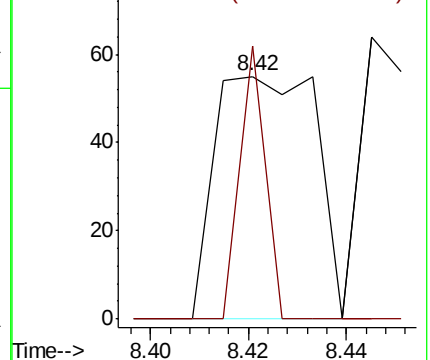
Ion Ratio Lower Upper

63 100

106 29.1 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0  
Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 6.154 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006202.D

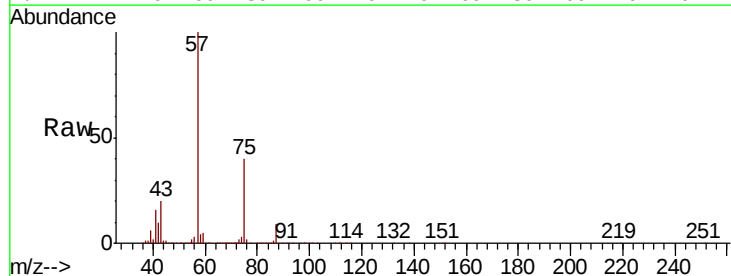
Acq: 27 Nov 2018 04:04

Tgt Ion: 43 Resp: 23779

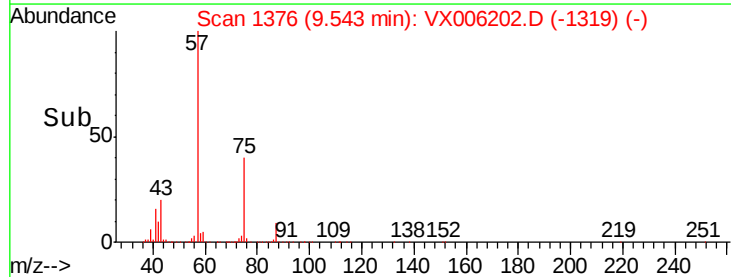
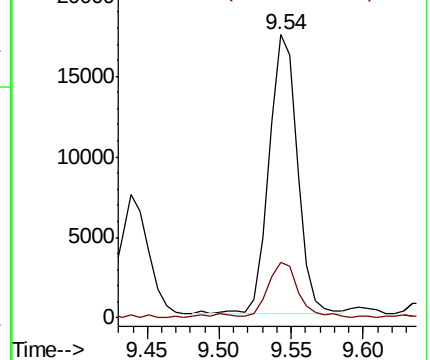
Ion Ratio Lower Upper

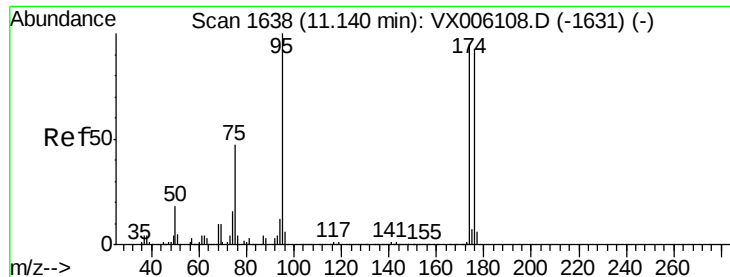
43 100

58 21.4 26.3 78.9#



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





#62

4-Bromofluorobenzene

Concen: 45.304 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

ClientSampleId :

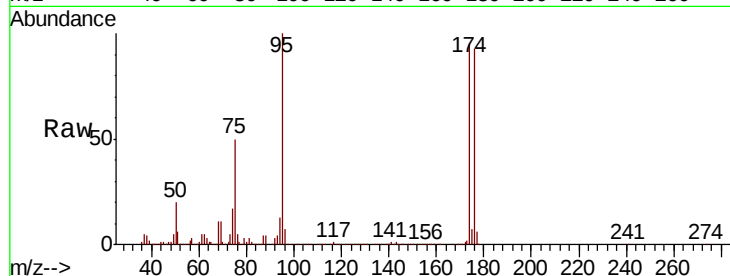
Tot Ion: 95 Resp: 167221

Ion Ratio Lower Upper

95 100

174 93.7 0.0 184.4

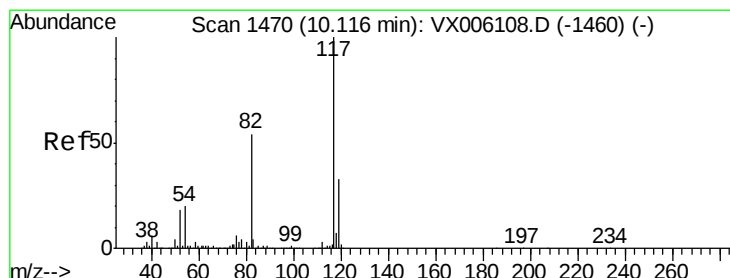
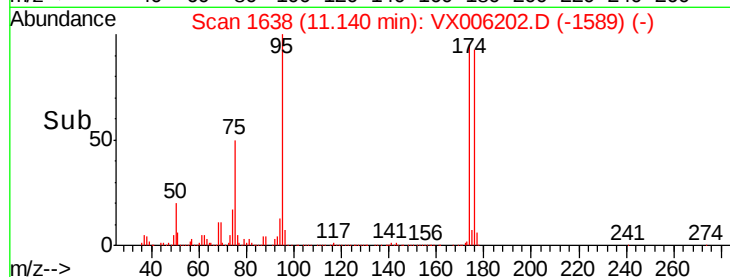
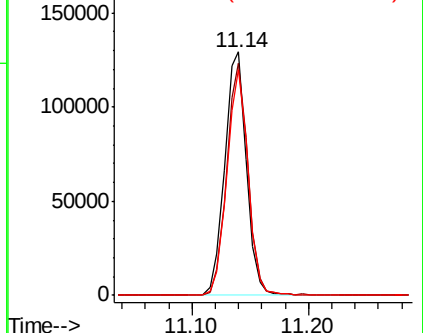
176 90.1 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX006202.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006202.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006202.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

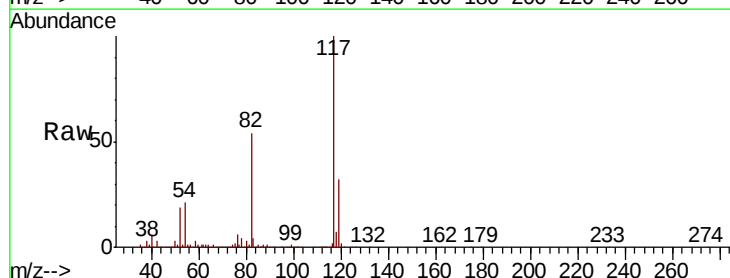
Tgt Ion: 117 Resp: 394053

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

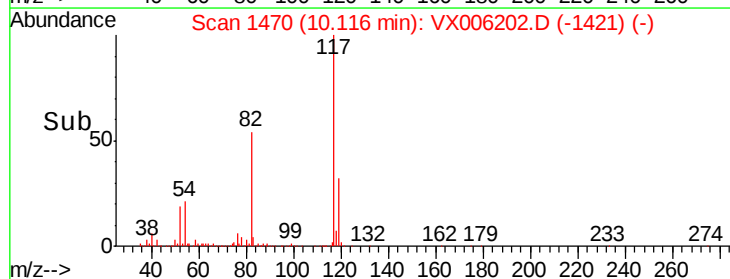
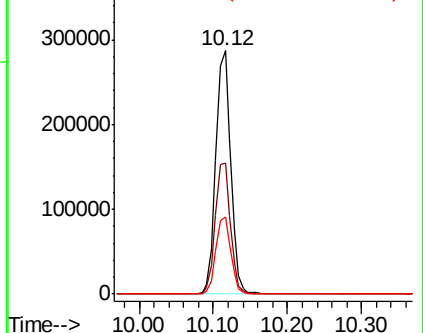
119 31.6 26.1 39.1

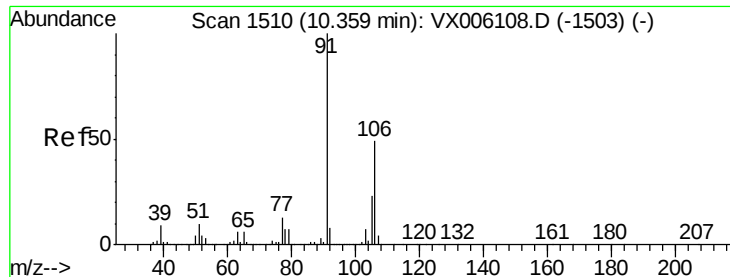


Abundance Ion 116.90 (116.60 to 117.60): VX006202.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006202.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006202.D (-1421) (-)





#68

m/p-Xvlenes

Concen: 0.269 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

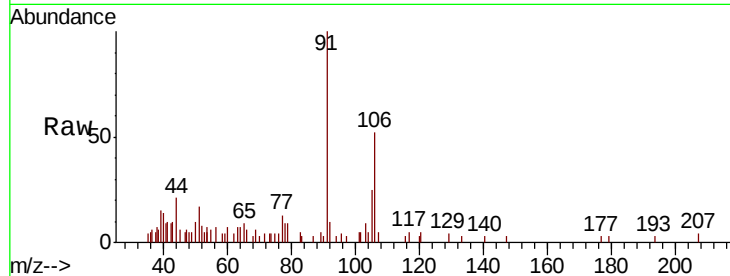
ClientSampleId :

Tot Ion:106 Resp: 1384

Ion Ratio Lower Upper

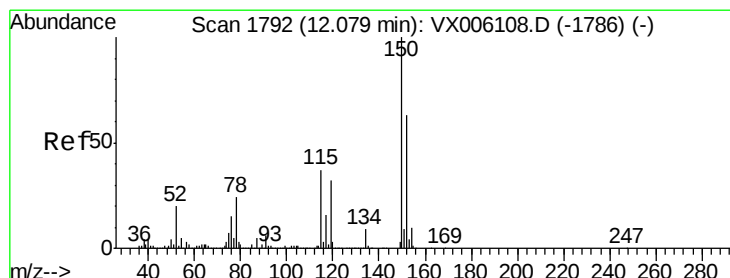
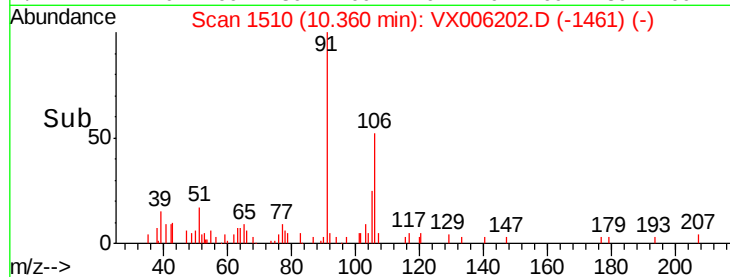
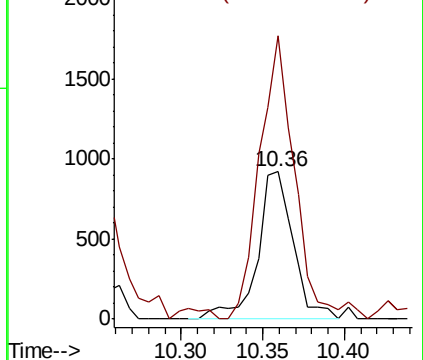
106 100

91 192.2 162.0 243.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

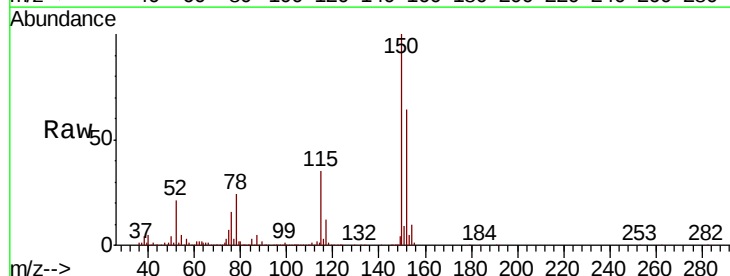
Tgt Ion:152 Resp: 182329

Ion Ratio Lower Upper

152 100

115 55.2 39.0 116.9

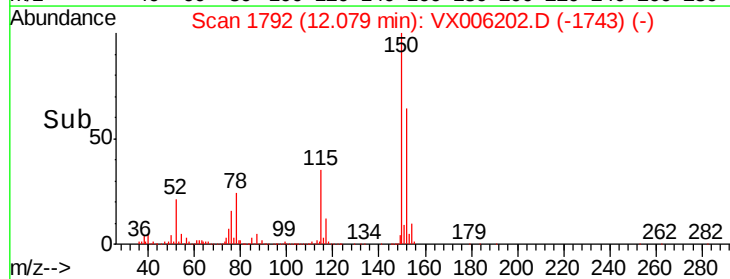
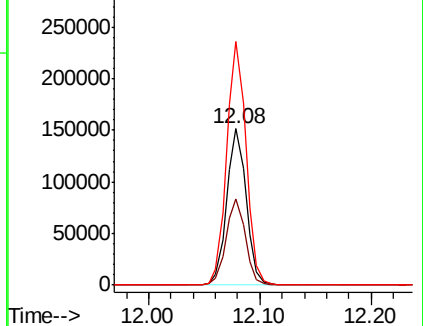
150 156.0 0.0 346.6

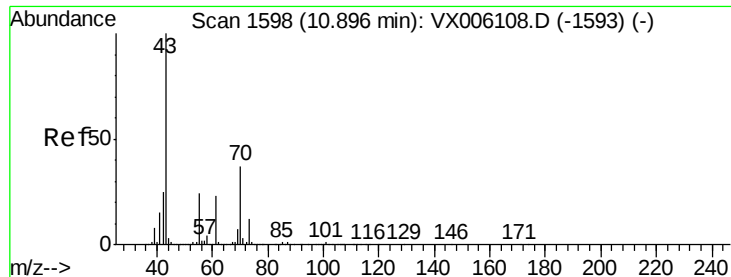


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.224 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006202.D

Acq: 27 Nov 2018 04:04

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 43 Resp: 185

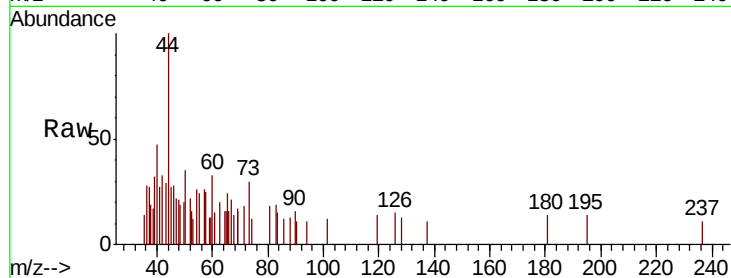
Ion Ratio Lower Upper

43 100

70 0.0 31.8 47.6#

55 123.2 19.5 29.3#

61 0.0 18.6 27.8#

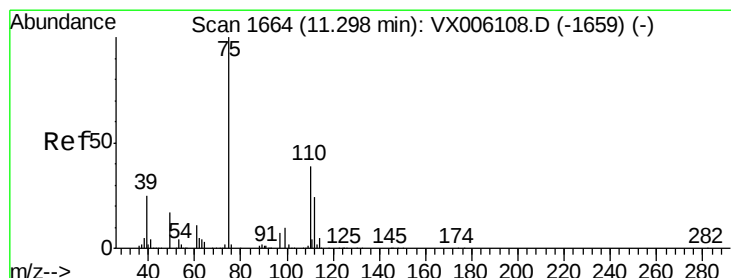
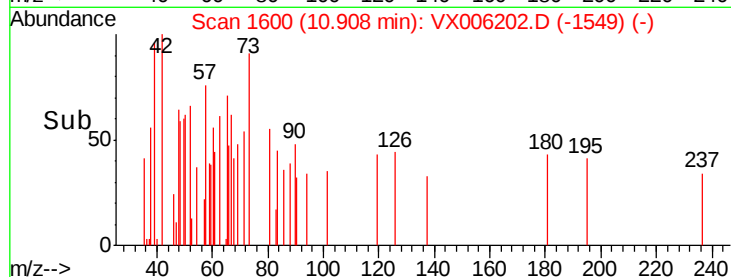
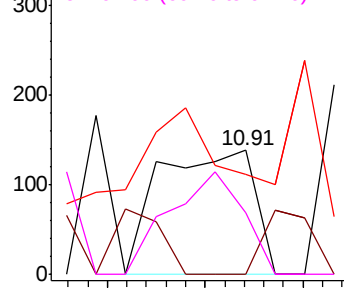


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 23.090 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006202.D

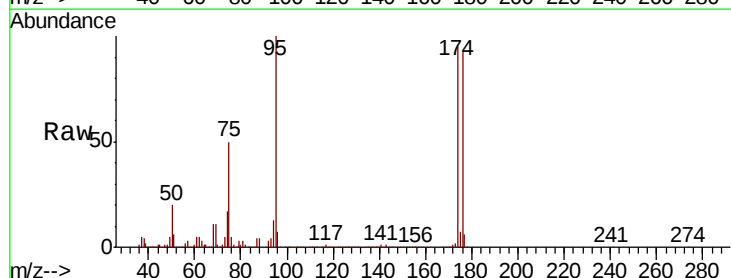
Acq: 27 Nov 2018 04:04

Tgt Ion: 75 Resp: 86673

Ion Ratio Lower Upper

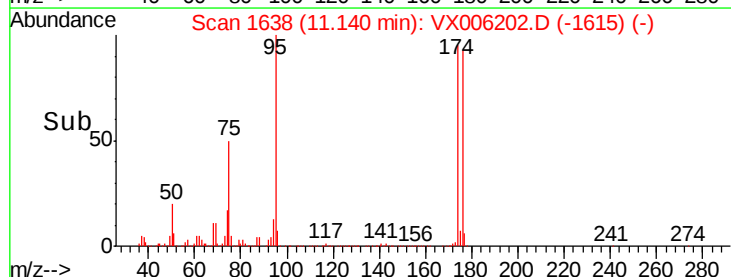
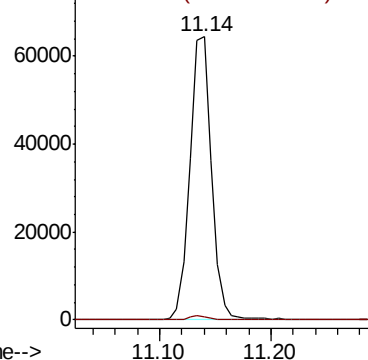
75 100

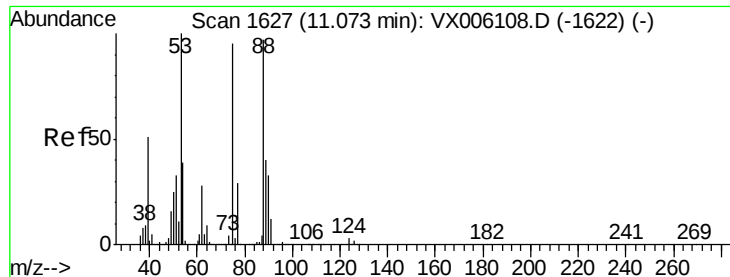
77 1.7 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

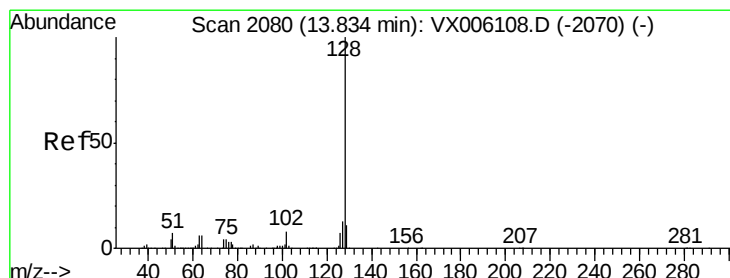
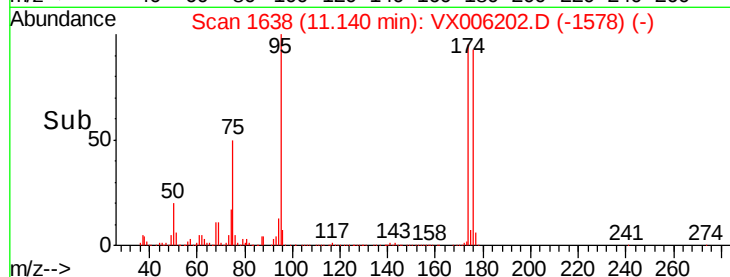
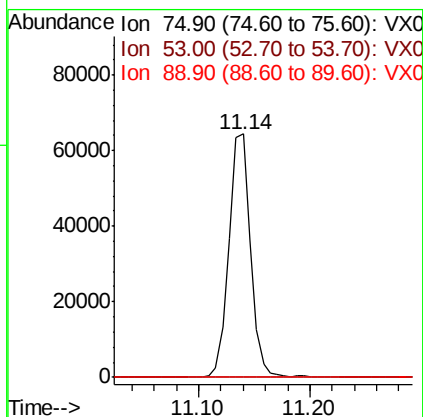
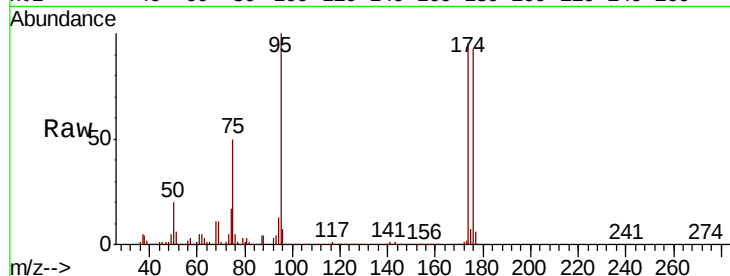




#81  
trans-1,4-Dichloro-2-butene  
Concen: 78.094 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. 0.07 min  
Lab File: VX006202.D  
Acq: 27 Nov 2018 04:04

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 75 Resp: 86673  
Ion Ratio Lower Upper  
75 100  
53 0.4 85.3 127.9#  
89 0.0 37.2 55.8#



#95  
Naphthalene  
Concen: 0.860 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX006202.D  
Acq: 27 Nov 2018 04:04

Tgt Ion: 128 Resp: 10383  
Ion Ratio Lower Upper  
128 100  
127 17.3 10.6 15.8#  
129 15.5 8.8 13.2#

