

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006565.D
 Acq On : 17 Dec 2018 11:52
 Operator : JC/MD
 Sample : J6405-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20181210

Quant Time: Dec 18 00:32:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	729948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1133108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1026633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	487453	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	390344	52.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.76%	
35) Dibromofluoromethane	5.50	113	355708	48.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.98%	
50) Toluene-d8	8.71	98	1347097	50.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	483802	48.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.22%	

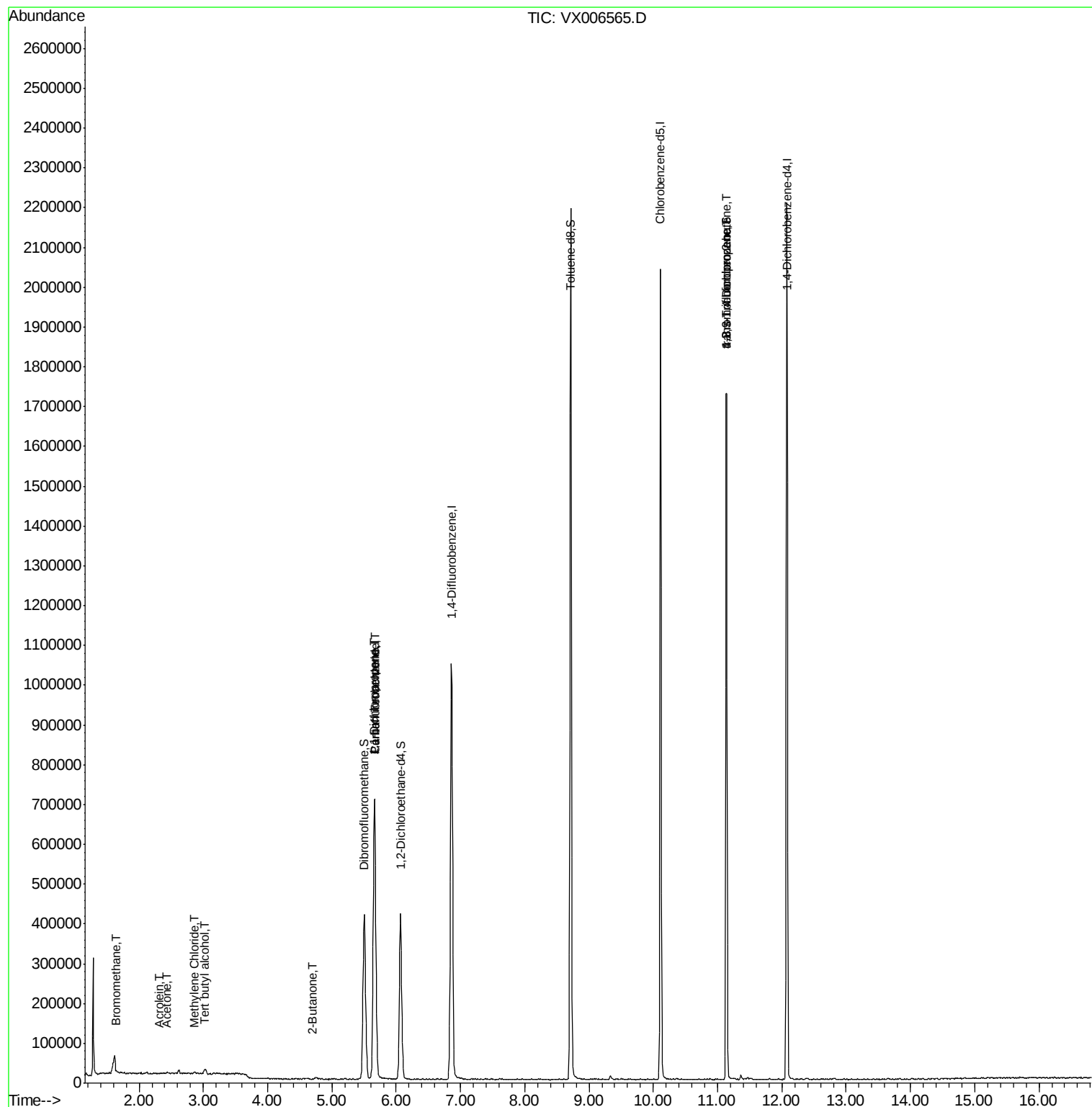
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1237	0.226	ug/l #	59
11) Tert butyl alcohol	3.02	59	7649	3.753	ug/l #	84
13) Acrolein	2.31	56	441	0.396	ug/l #	50
16) Acetone	2.44	43	4962	1.419	ug/l	98
20) Methylene Chloride	2.86	84	2540	0.341	ug/l #	70
25) 2-Butanone	4.70	43	1155	0.231	ug/l #	47
36) 1,1-Dichloropropene	5.65	75	49417	5.179	ug/l #	48
38) Carbon Tetrachloride	5.67	117	68950	6.142	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	225436	23.961	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	225436	56.229	ug/l #	15

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

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
TB-20181210

Quant Time: Dec 18 00:32:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 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: VX006565.D

Acq: 17 Dec 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

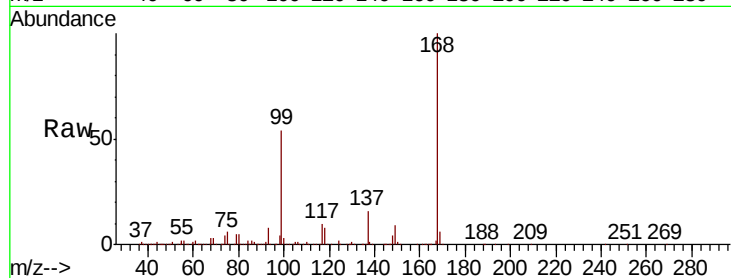
TB-20181210

Tot Ion:168 Resp: 729948

Ion Ratio Lower Upper

168 100

99 53.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

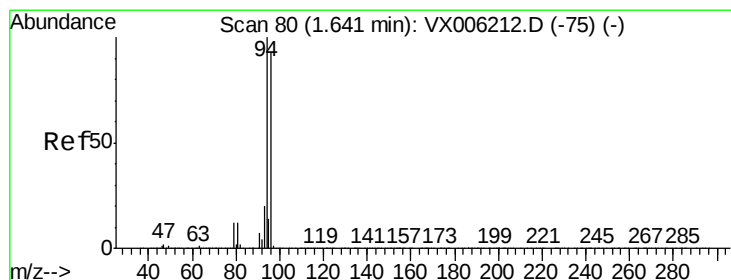
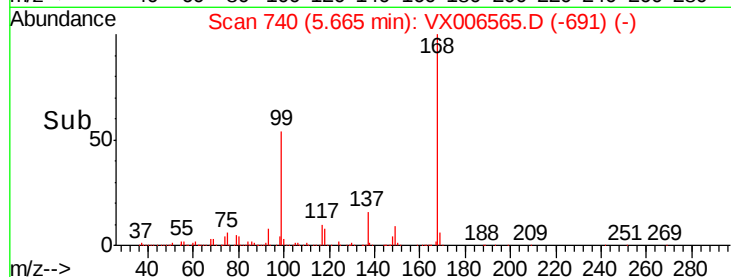
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.226 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006565.D

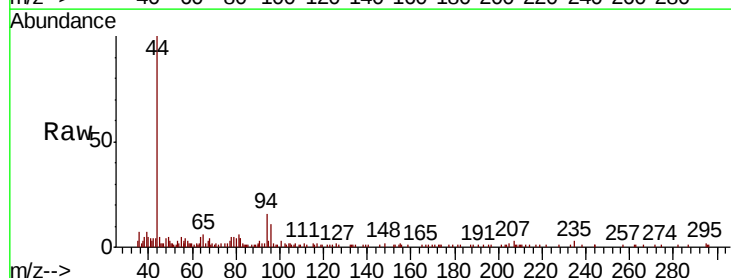
Acq: 17 Dec 2018 11:52

Tgt Ion: 94 Resp: 1237

Ion Ratio Lower Upper

94 100

96 54.2 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

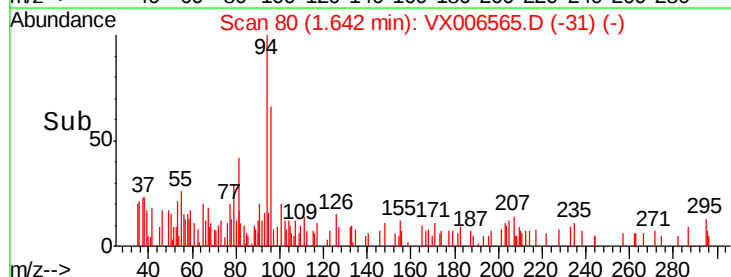
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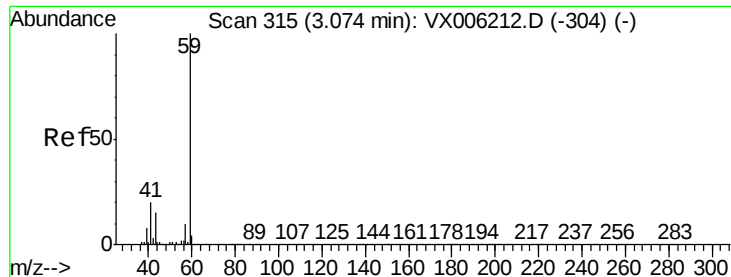
1000

500

0

Time-->



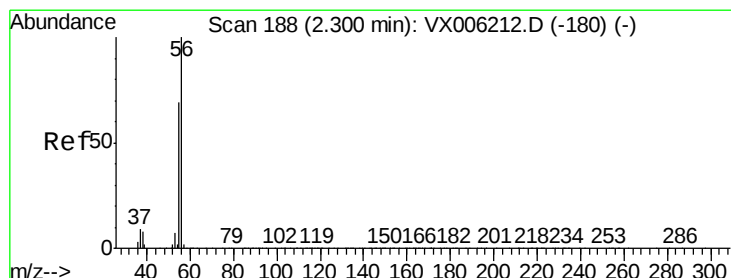
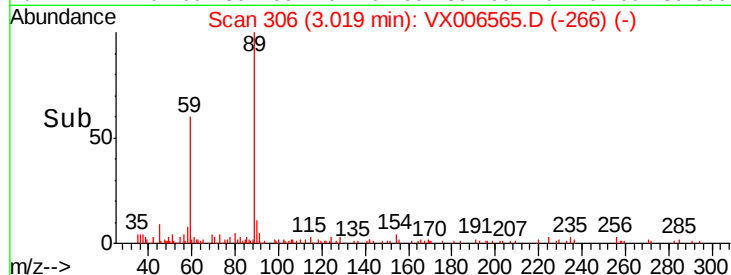
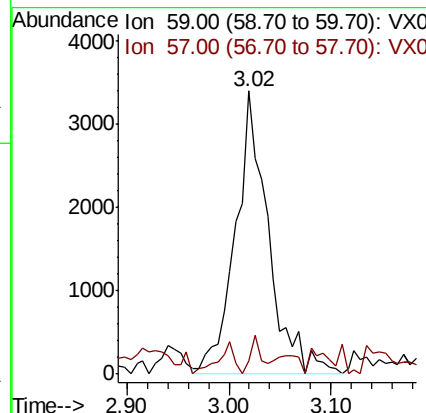
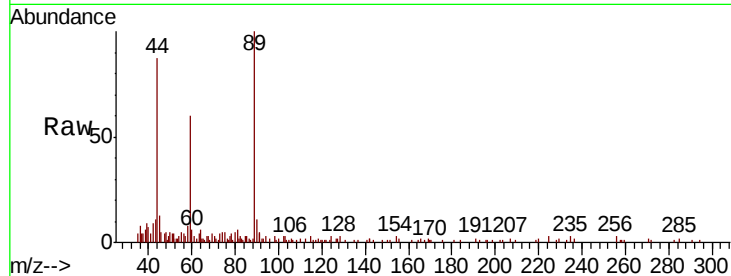


#11

Tert butyl alcohol
 Concen: 3.753 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.05 min
 Lab File: VX006565.D
 Acq: 17 Dec 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20181210

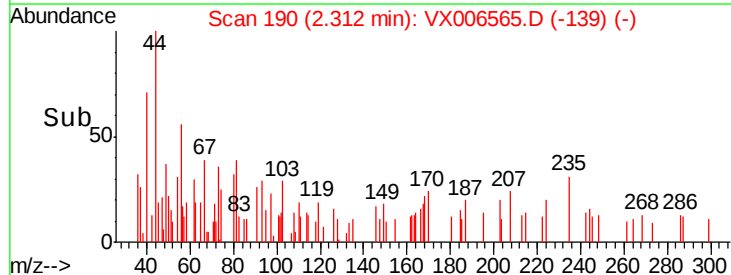
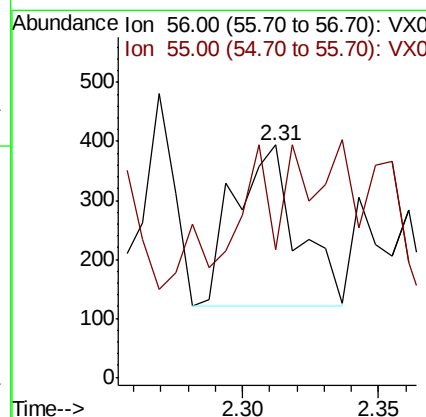
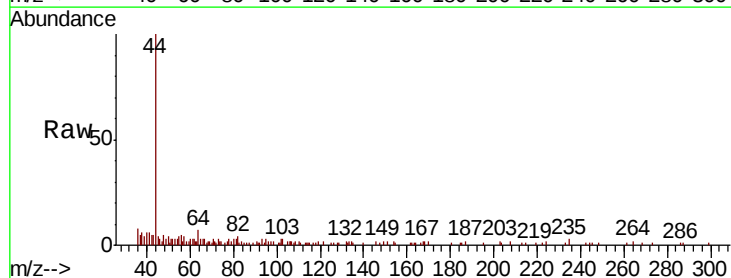
Tot Ion: 59 Resp: 7649
 Ion Ratio Lower Upper
 59 100
 57 4.4 8.2 12.2#

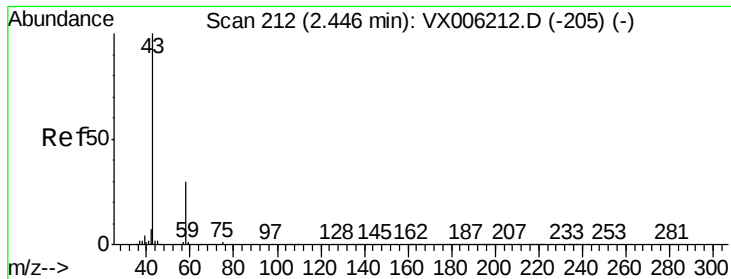


#13

Acrolein
 Concen: 0.396 ug/l
 RT: 2.31 min Scan# 190
 Delta R.T. 0.01 min
 Lab File: VX006565.D
 Acq: 17 Dec 2018 11:52

Tgt Ion: 56 Resp: 441
 Ion Ratio Lower Upper
 56 100
 55 30.8 57.8 86.6#

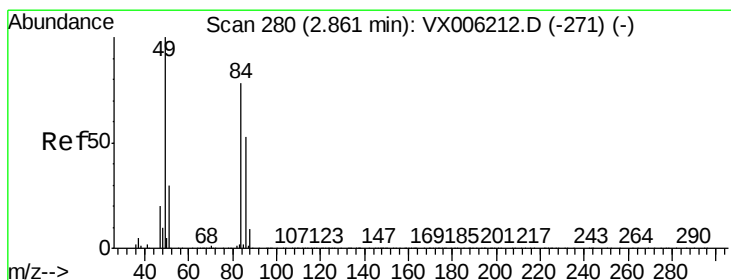
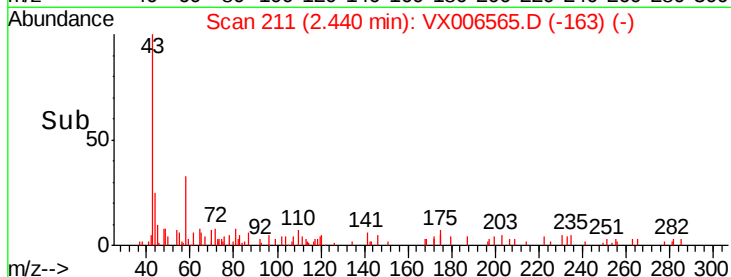
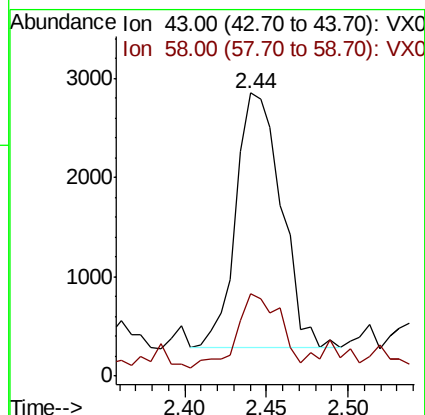
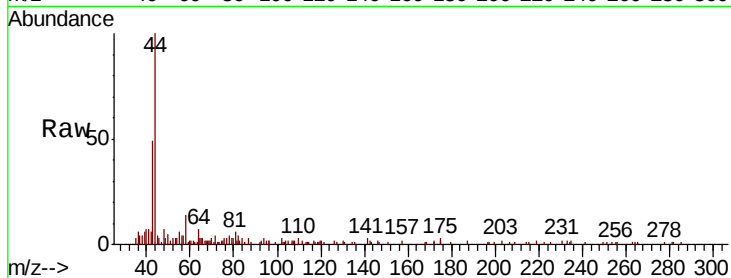




#16
Acetone
Concen: 1.419 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX006565.D
Acq: 17 Dec 2018 11:52

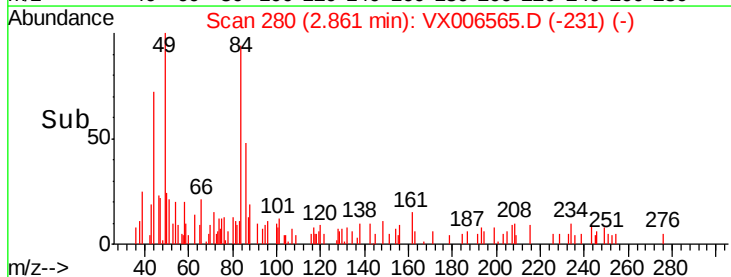
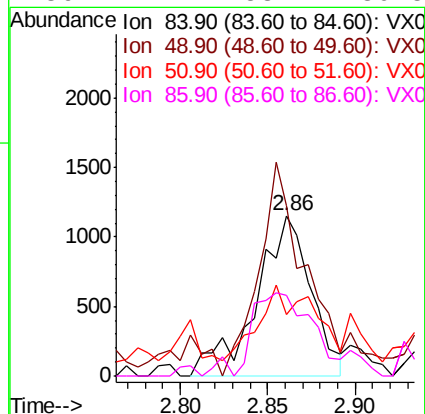
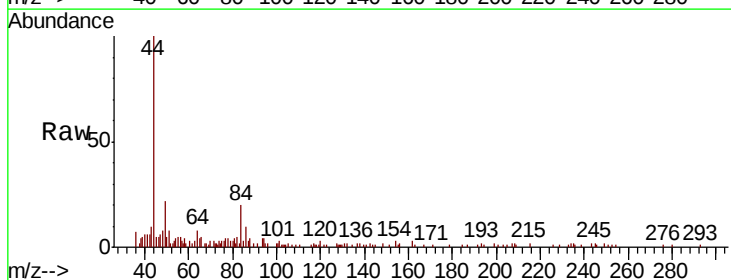
Instrument :
MSVOA_X
ClientSampleId :
TB-20181210

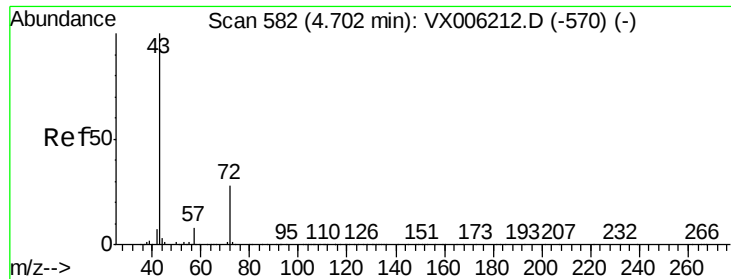
Tot Ion: 43 Resp: 4962
Ion Ratio Lower Upper
43 100
58 29.1 24.0 36.0



#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006565.D
Acq: 17 Dec 2018 11:52

Tgt Ion: 84 Resp: 2540
Ion Ratio Lower Upper
84 100
49 91.2 102.2 153.4#
51 23.7 31.1 46.7#
86 44.1 53.7 80.5#

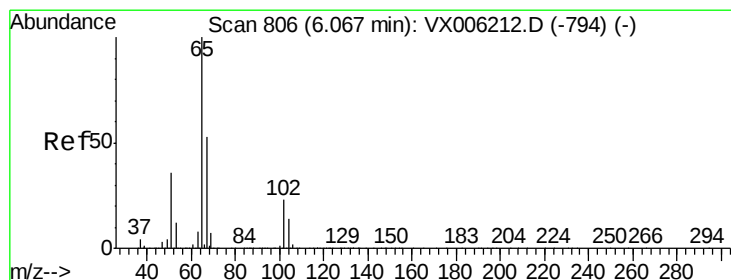
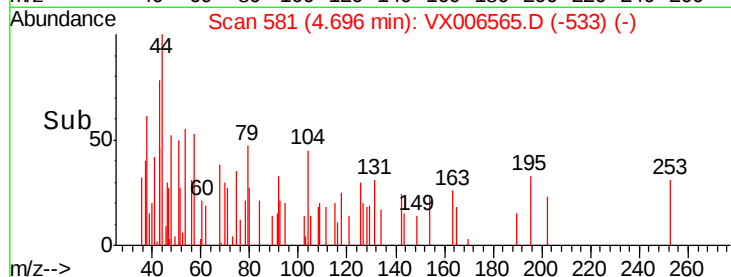
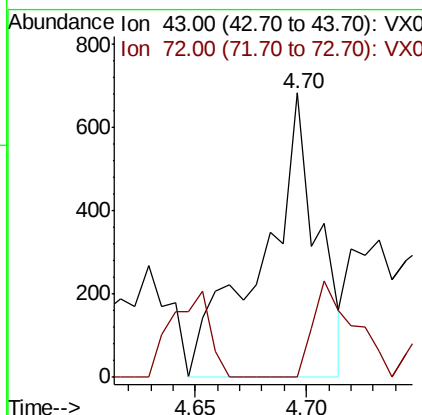
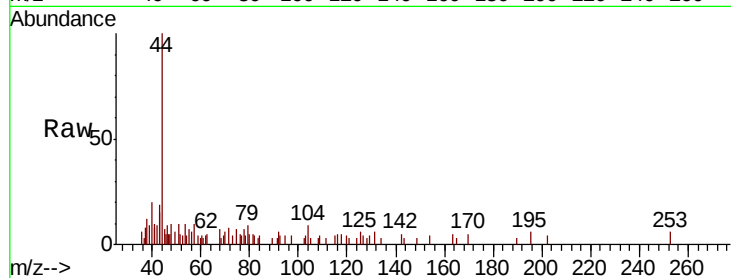




#25
2-Butanone
Concen: 0.231 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006565.D
Acq: 17 Dec 2018 11:52

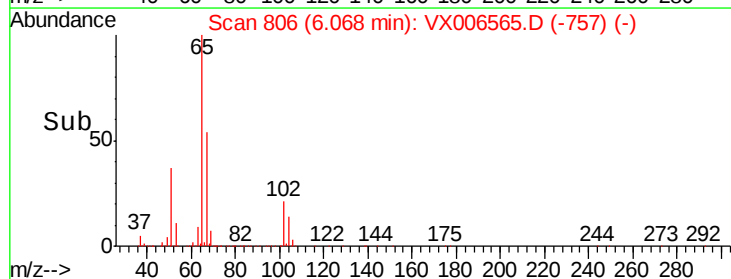
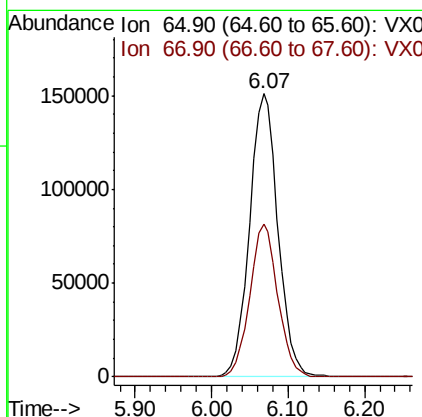
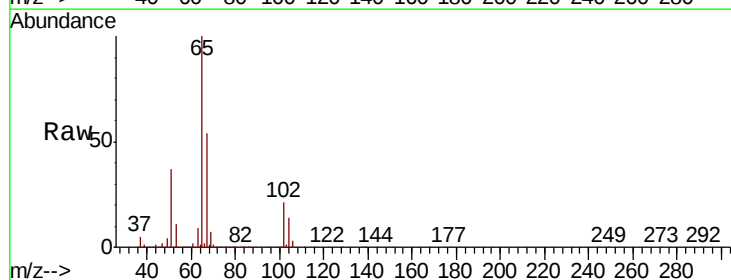
Instrument :
MSVOA_X
ClientSampled :
TB-20181210

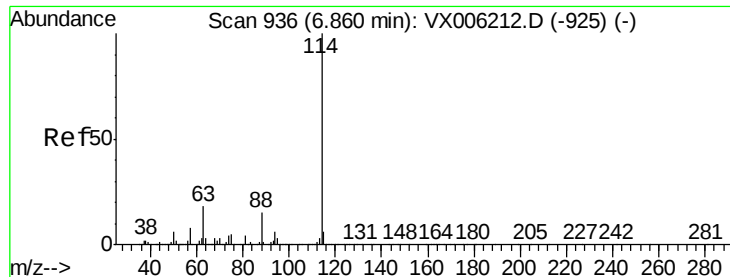
Tot Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
72 0.0 22.6 33.8#



#33
1,2-Dichloroethane-d4
Concen: 52.384 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006565.D
Acq: 17 Dec 2018 11:52

Tgt Ion: 65 Resp: 390344
Ion Ratio Lower Upper
65 100
67 53.0 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: VX006565.D

Acq: 17 Dec 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

TB-20181210

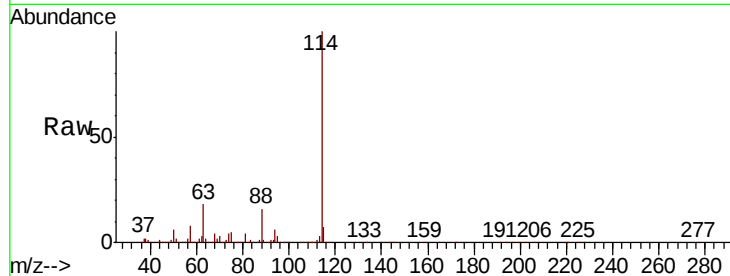
Tot Ion:114 Resp: 1133108

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

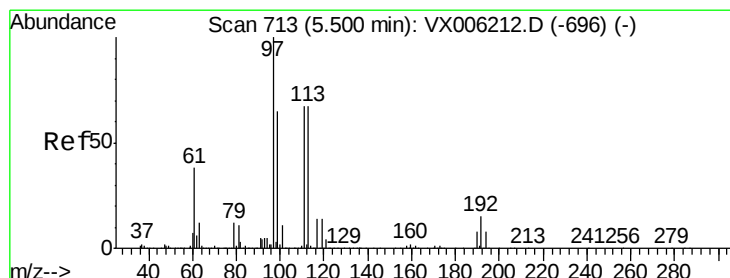
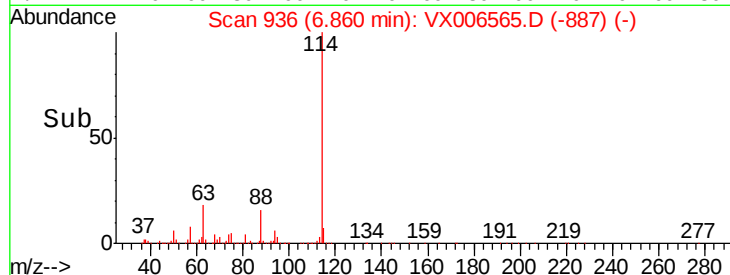
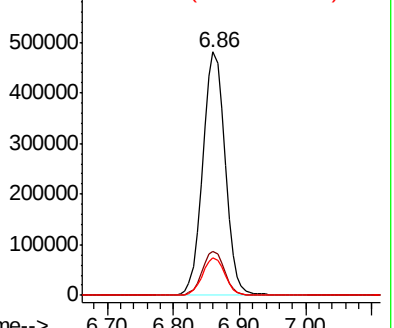
88 15.6 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.485 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006565.D

Acq: 17 Dec 2018 11:52

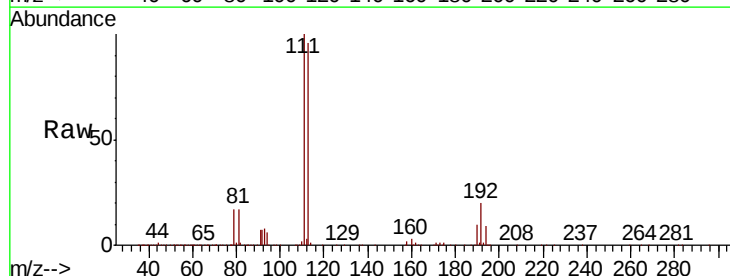
Tgt Ion:113 Resp: 355708

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

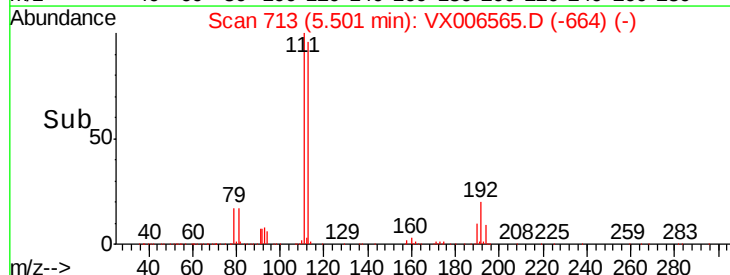
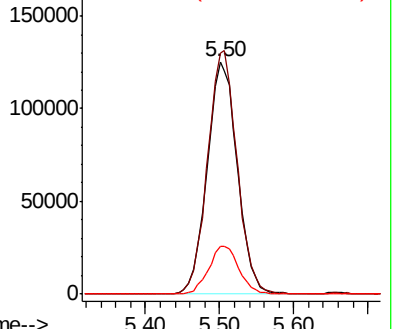
192 20.9 18.2 27.2

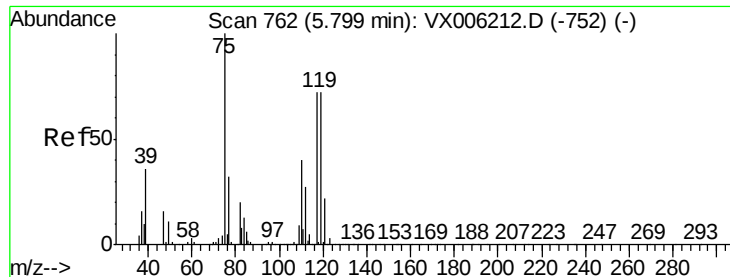


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.179 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006565.D

Acq: 17 Dec 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

TB-20181210

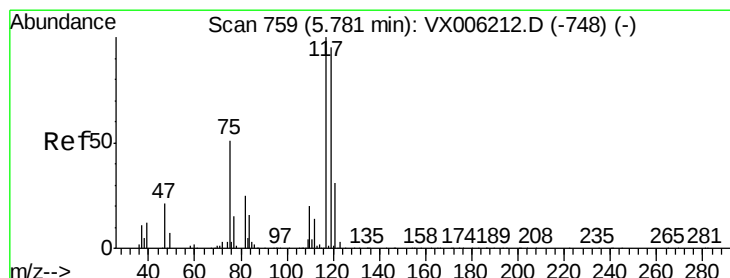
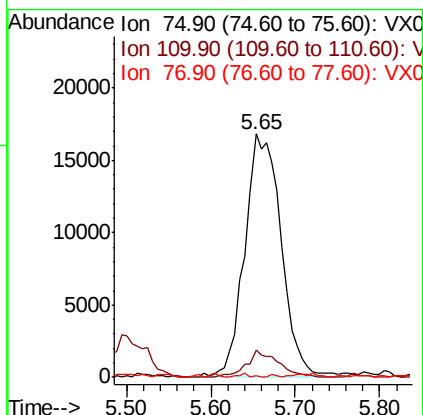
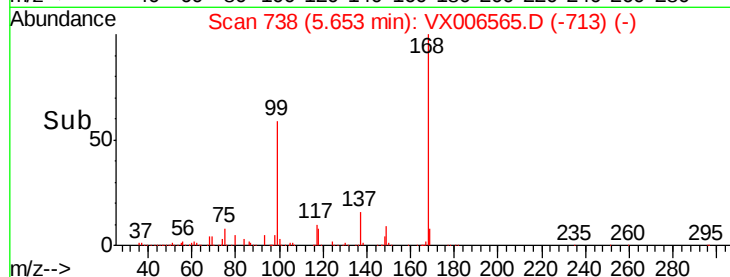
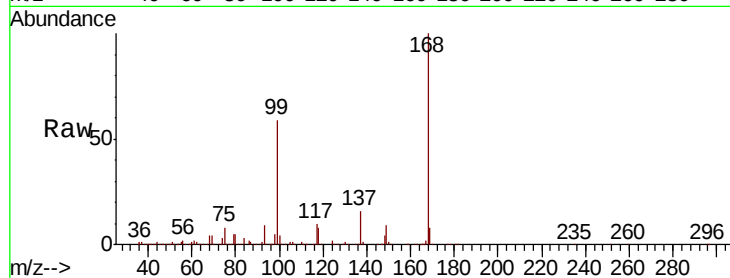
Tot Ion: 75 Resp: 49417

Ion Ratio Lower Upper

75 100

110 10.0 20.4 61.3#

77 0.5 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.142 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006565.D

Acq: 17 Dec 2018 11:52

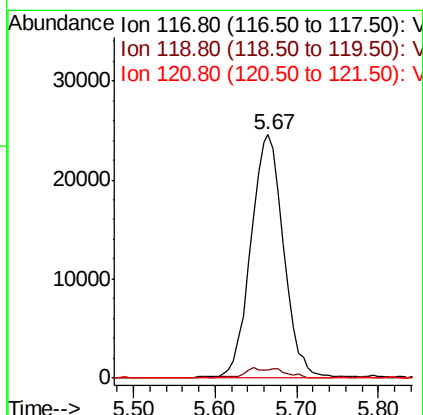
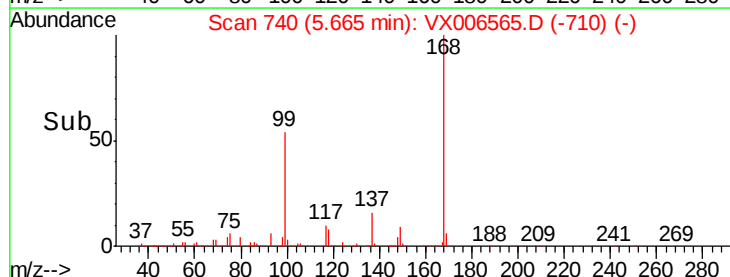
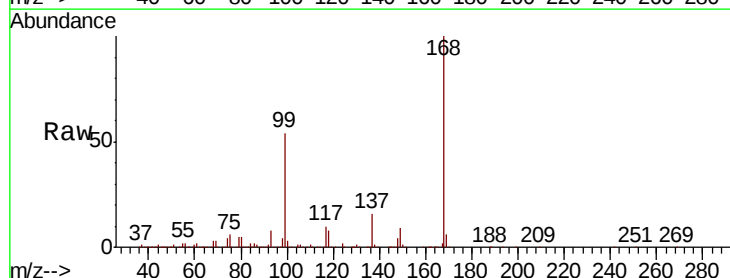
Tgt Ion:117 Resp: 68950

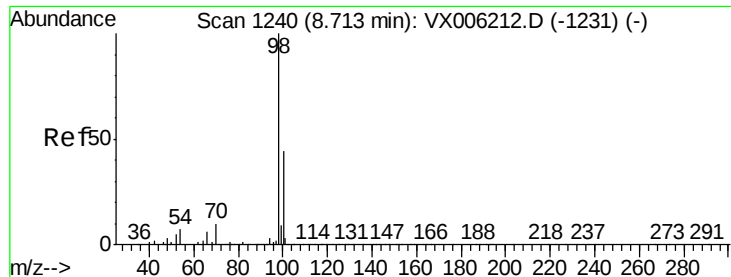
Ion Ratio Lower Upper

117 100

119 3.1 75.8 113.8#

121 0.4 24.6 37.0#





#50

Toluene-d8

Concen: 50.480 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006565.D

Acq: 17 Dec 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

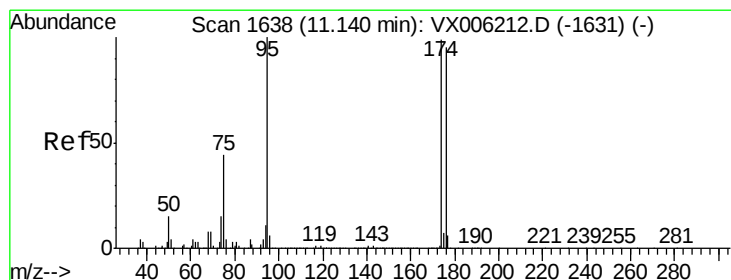
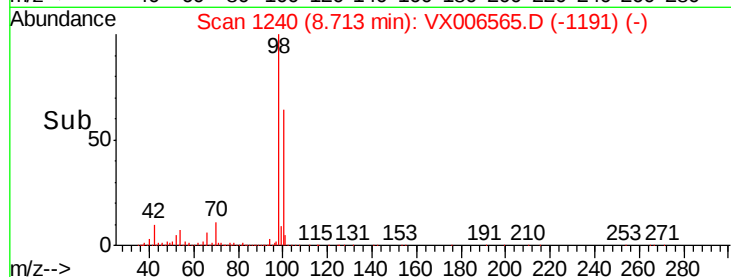
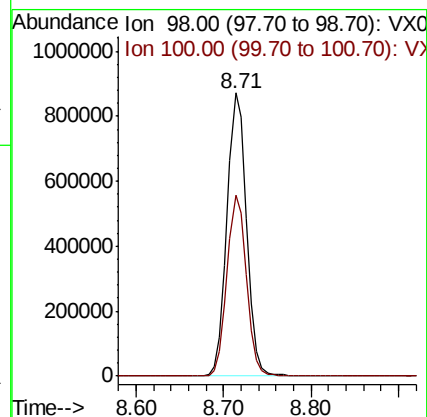
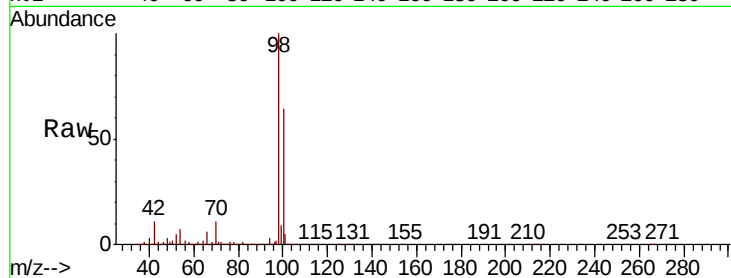
TB-20181210

Tot Ion: 98 Resp: 1347097

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.111 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006565.D

Acq: 17 Dec 2018 11:52

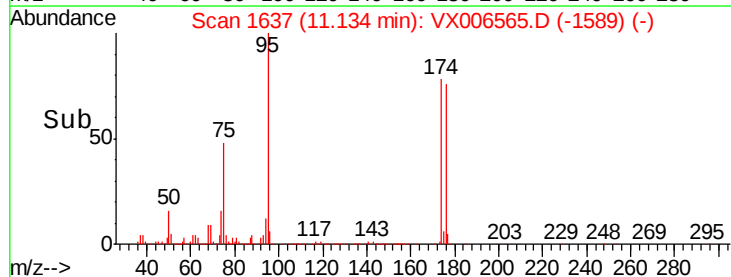
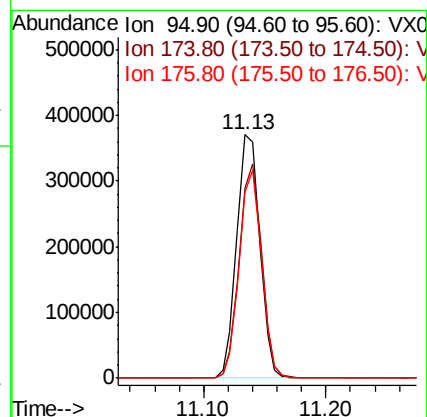
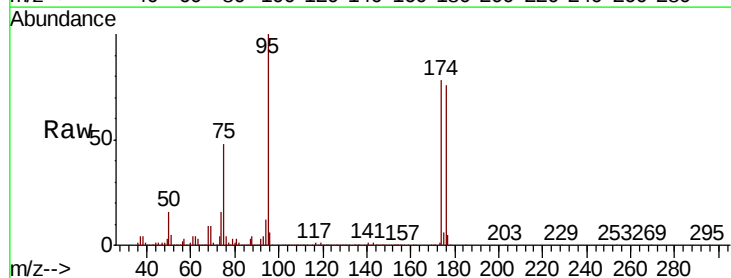
Tgt Ion: 95 Resp: 483802

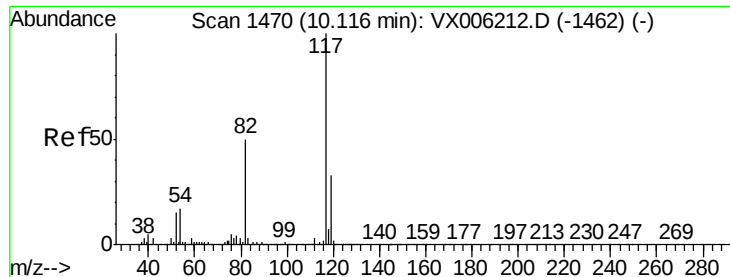
Ion Ratio Lower Upper

95 100

174 85.4 0.0 187.0

176 82.5 0.0 181.8

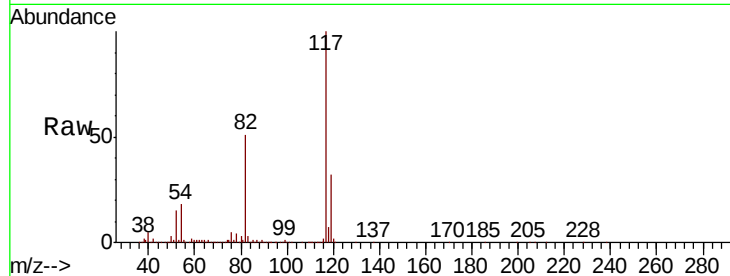




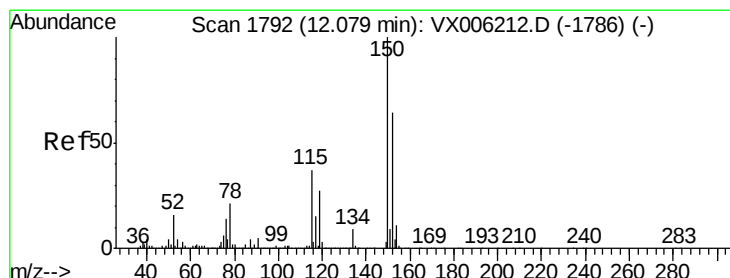
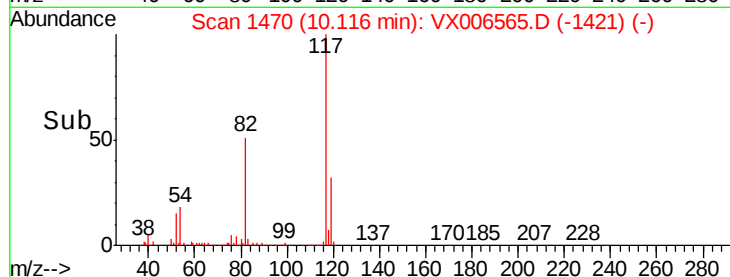
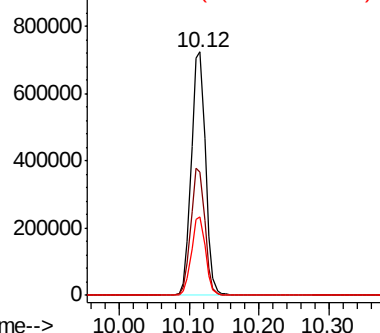
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006565.D
Acq: 17 Dec 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
TB-20181210

Tot Ion:117 Resp: 1026633
Ion Ratio Lower Upper
117 100
82 50.6 39.6 59.4
119 32.2 26.3 39.5

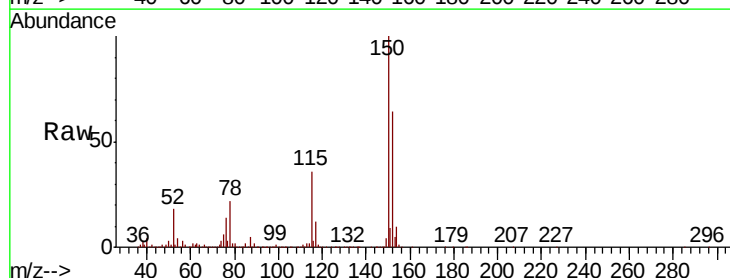


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

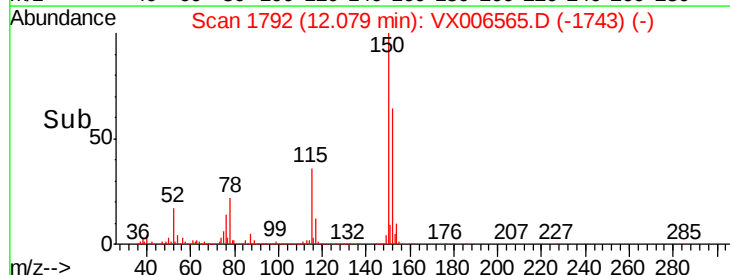
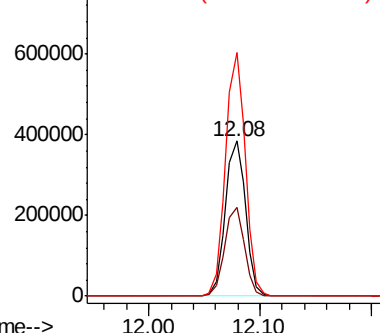


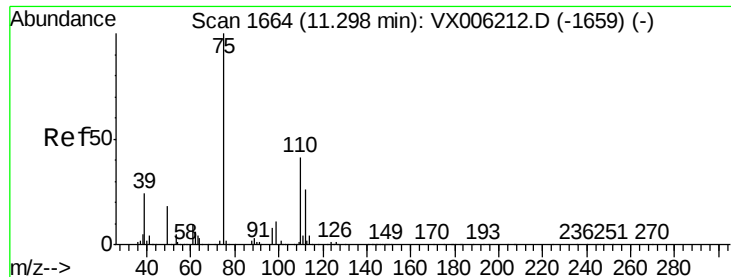
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006565.D
Acq: 17 Dec 2018 11:52

Tgt Ion:152 Resp: 487453
Ion Ratio Lower Upper
152 100
115 56.2 39.0 116.9
150 154.1 0.0 345.8



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: 23.961 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006565.D

Acq: 17 Dec 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

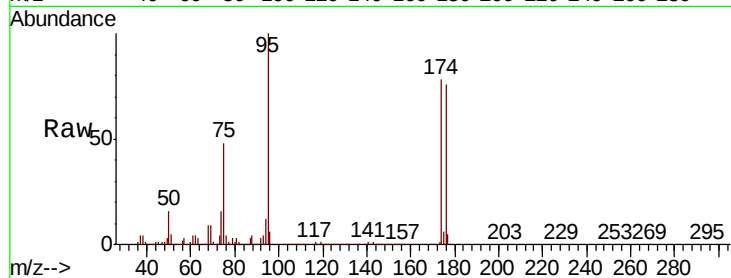
TB-20181210

Tot Ion: 75 Resp: 225436

Ion Ratio Lower Upper

75 100

77 1.1 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

200000

150000

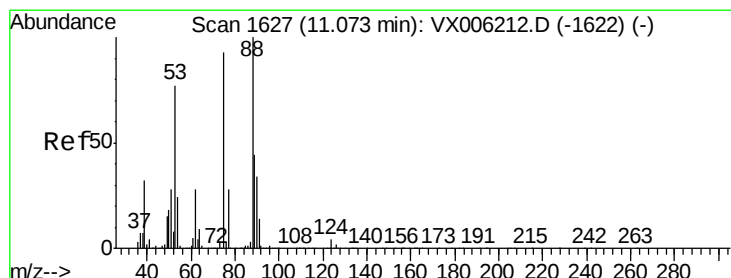
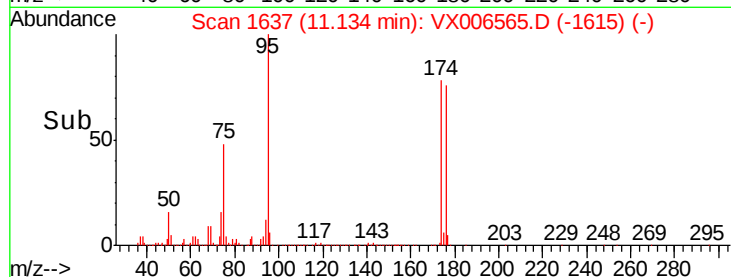
100000

50000

0

Time-->

11.10 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 56.229 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006565.D

Acq: 17 Dec 2018 11:52

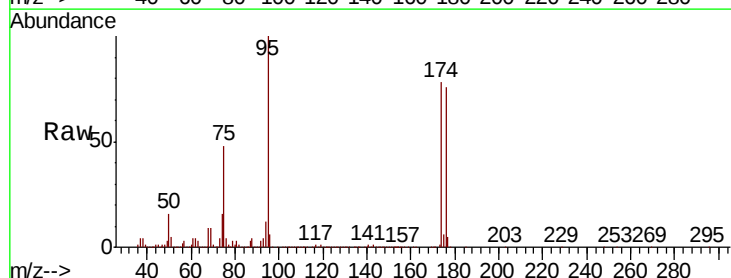
Tgt Ion: 75 Resp: 225436

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.1 44.2 66.4#



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

200000

150000

100000

50000

0

Time-->

11.10 11.20

