

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011419\
 Data File : VX007036.D
 Acq On : 14 Jan 2019 13:50
 Operator : JC/SP
 Sample : K1133-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E3TB01-190109

Quant Time: Jan 15 01:33:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	593047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	917328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	857959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	421003	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	316837	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	5.51	113	284122	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	8.71	98	1101949	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.13	95	389415	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	

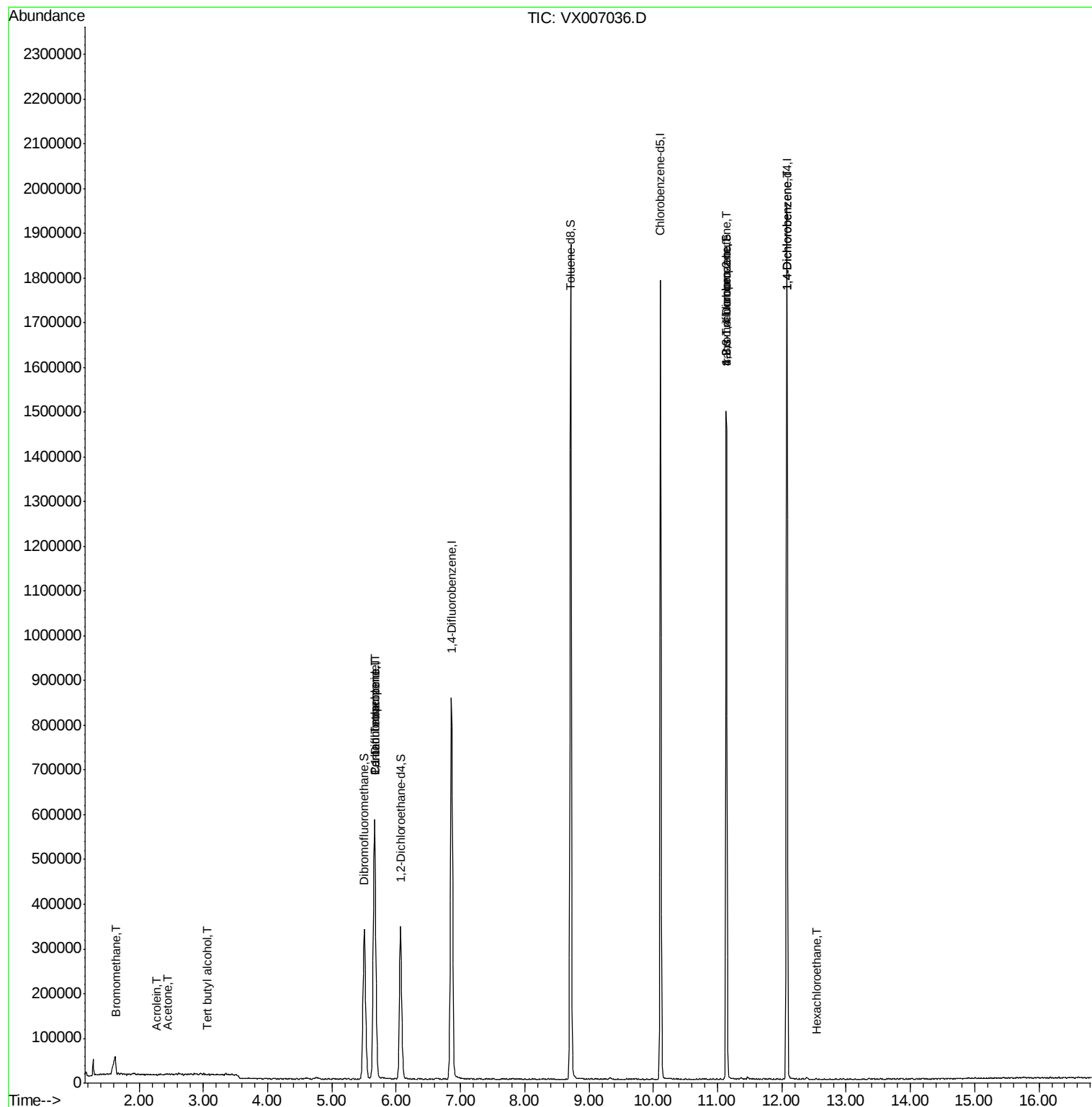
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1460	0.224	ug/l #	51
11) Tert butyl alcohol	3.07	59	701	0.479	ug/l #	1
13) Acrolein	2.28	56	254	3.482	ug/l #	42
16) Acetone	2.45	43	1286	0.420	ug/l #	76
20) Methylene Chloride	2.85	84	1573	Below Cal	#	83
36) 1,1-Dichloropropene	5.66	75	37976	4.762	ug/l #	49
38) Carbon Tetrachloride	5.67	117	53347	6.648	ug/l #	14
49) 1,4-Dioxane	7.74	88	59	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	188925	22.145	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	188925	65.556	ug/l #	10
88) 1,4-Dichlorobenzene	12.08	146	859	0.206	ug/l #	1
90) Hexachloroethane	12.53	117	60	2.922	ug/l	75

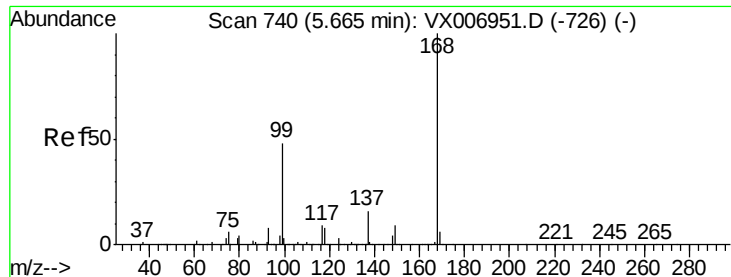
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011419\
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Quant Time: Jan 15 01:33:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
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: VX007036.D

Acq: 14 Jan 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

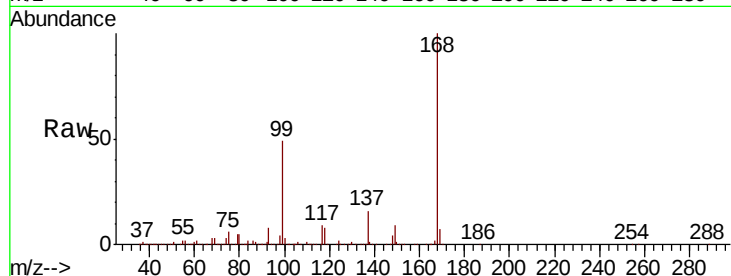
E3TB01-190109

Tgt Ion:168 Resp: 593047

Ion Ratio Lower Upper

168 100

99 48.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

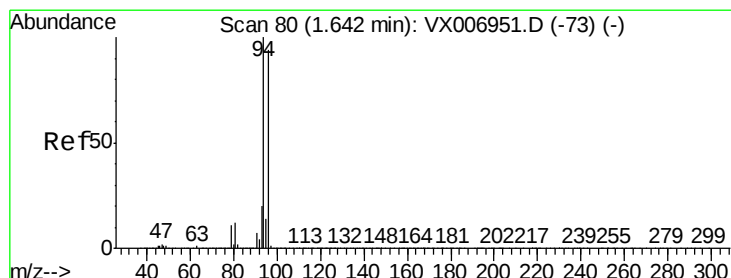
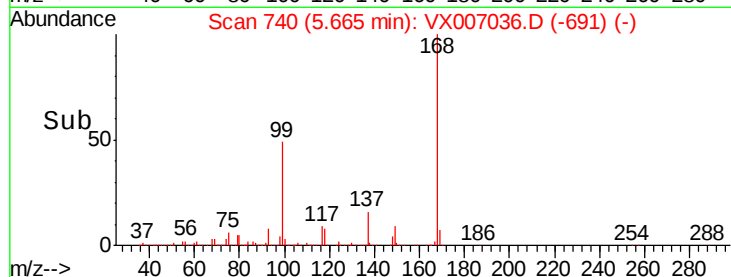
5.50

5.60

5.70

5.80

Time-->



#5

Bromomethane

Concen: 0.224 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007036.D

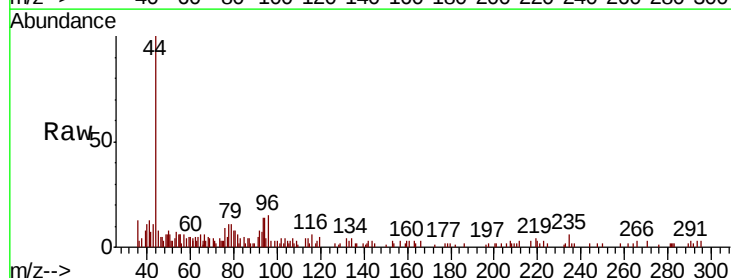
Acq: 14 Jan 2019 13:50

Tgt Ion: 94 Resp: 1460

Ion Ratio Lower Upper

94 100

96 44.8 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

600

400

200

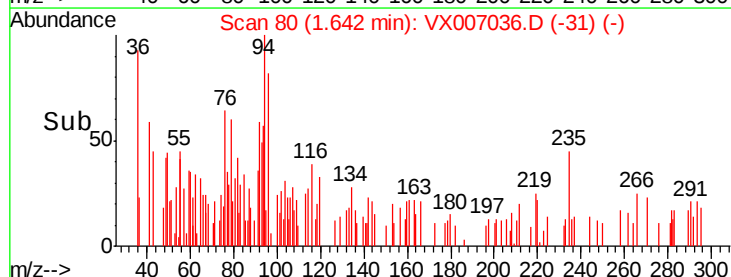
0

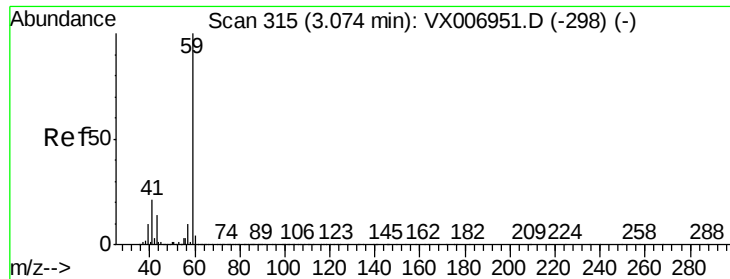
1.60

1.65

1.70

Time-->



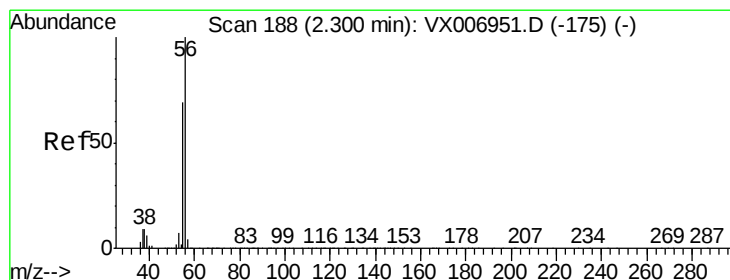
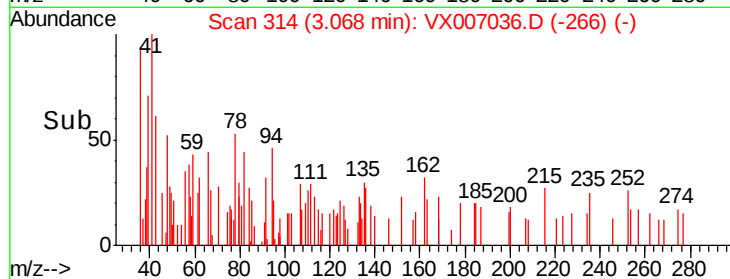
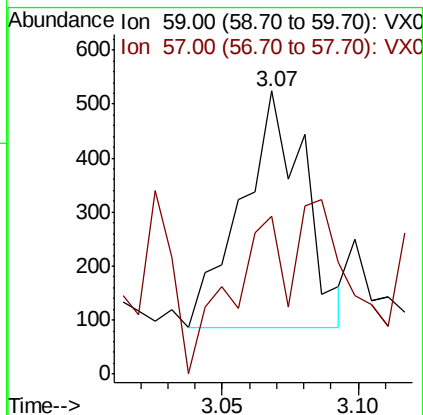
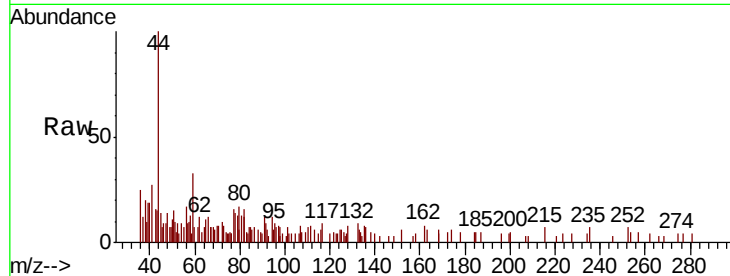


#11

Tert butyl alcohol
 Concen: 0.479 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007036.D
 Acq: 14 Jan 2019 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 E3TB01-190109

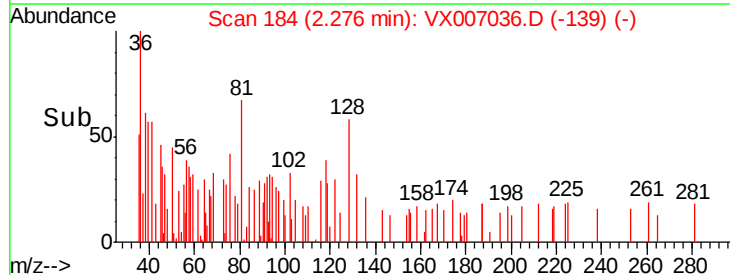
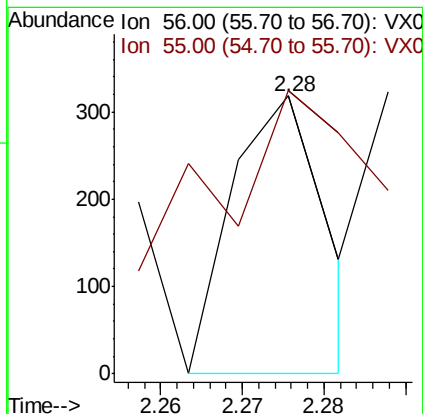
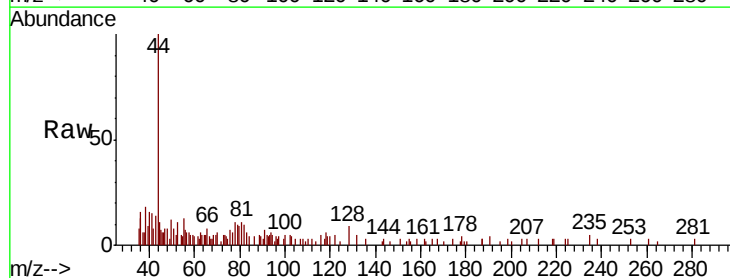
Tgt Ion: 59 Resp: 701
 Ion Ratio Lower Upper
 59 100
 57 56.6 8.5 12.7#

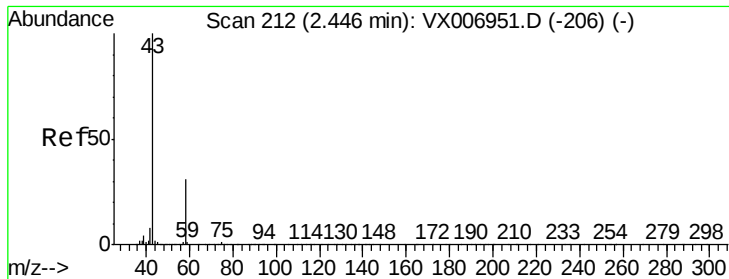


#13

Acrolein
 Concen: 3.482 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX007036.D
 Acq: 14 Jan 2019 13:50

Tgt Ion: 56 Resp: 254
 Ion Ratio Lower Upper
 56 100
 55 121.3 58.2 87.4#

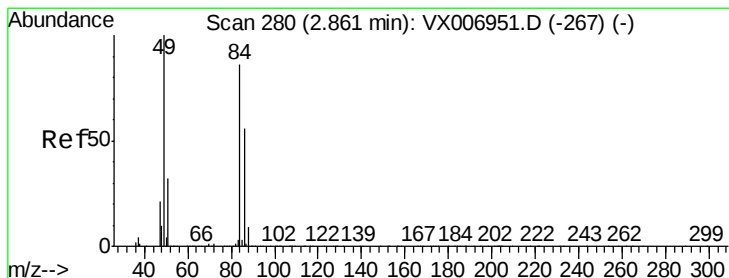
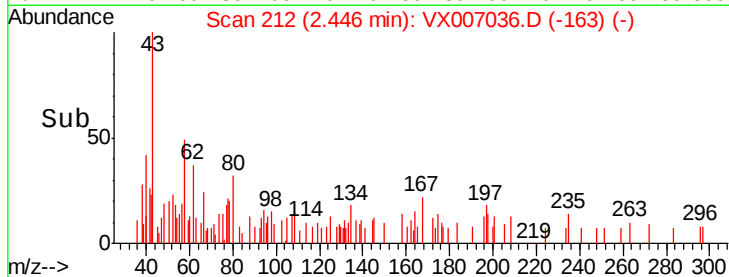
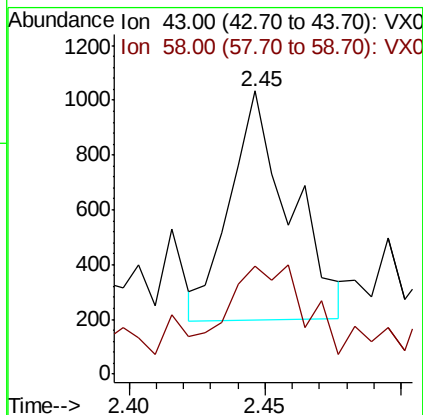
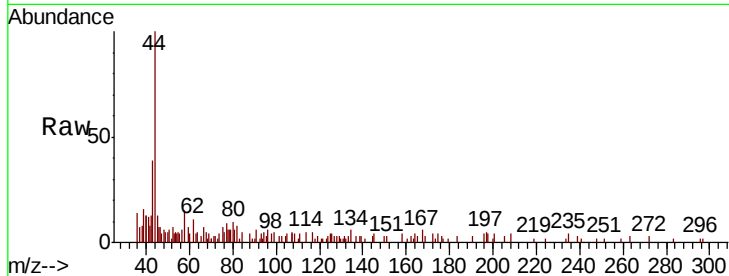




#16
Acetone
Concen: 0.420 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007036.D
Acq: 14 Jan 2019 13:50

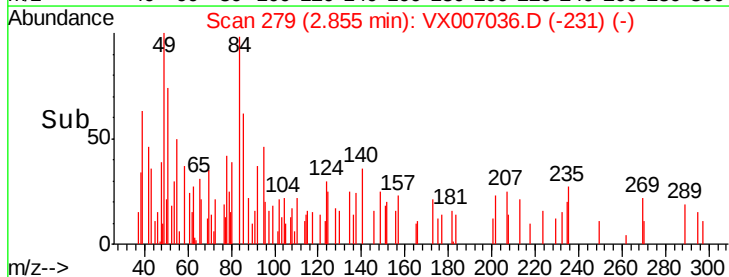
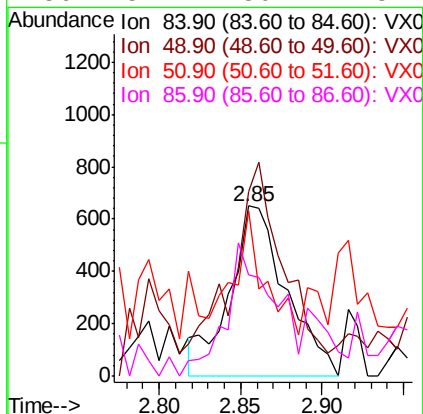
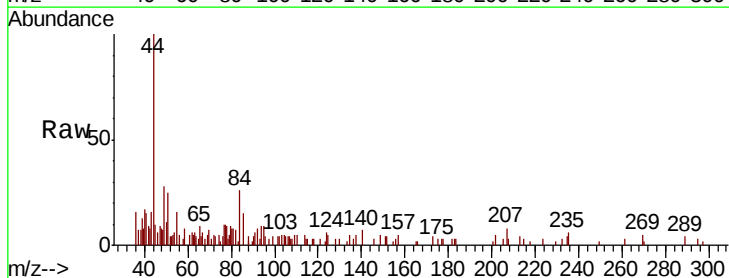
Instrument :
MSVOA_X
ClientSampled :
E3TB01-190109

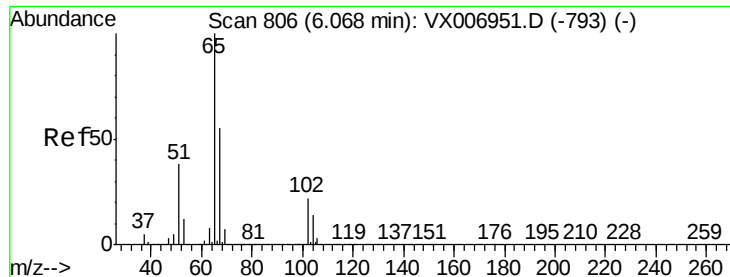
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 44.3 25.0 37.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007036.D
Acq: 14 Jan 2019 13:50

Tgt Ion: 84 Resp: 1573
Ion Ratio Lower Upper
84 100
49 90.6 91.8 137.6#
51 34.8 28.5 42.7
86 51.1 50.2 75.2

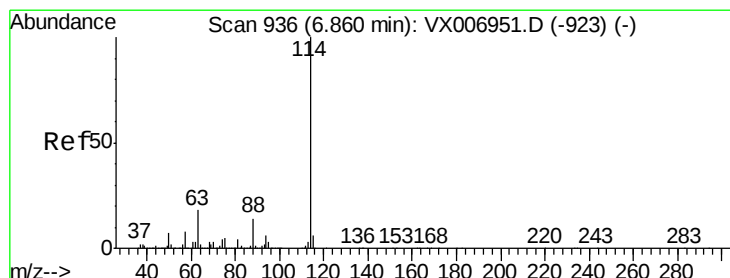
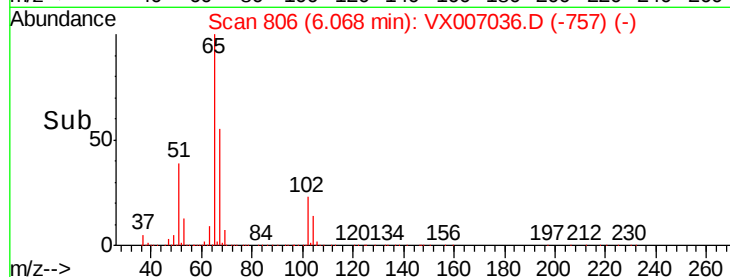
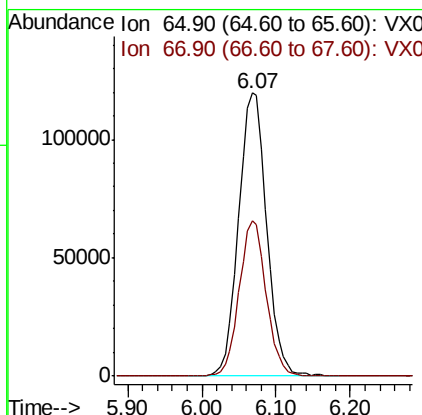
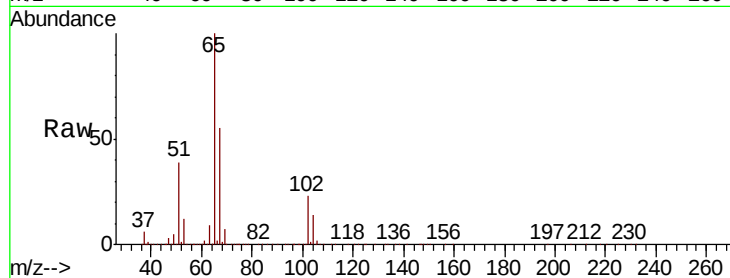




#33
 1,2-Dichloroethane-d4
 Concen: 51.120 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007036.D
 Acq: 14 Jan 2019 13:50

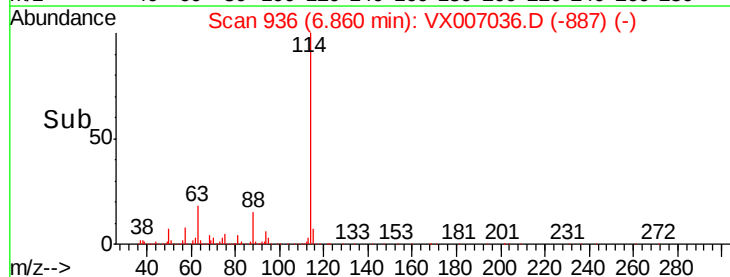
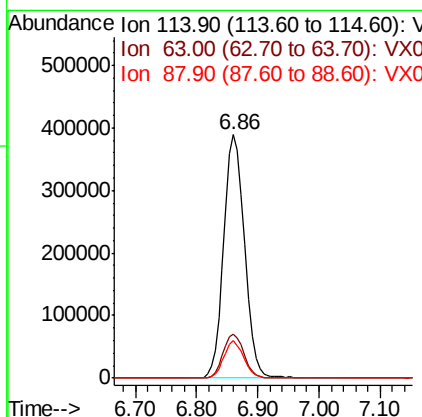
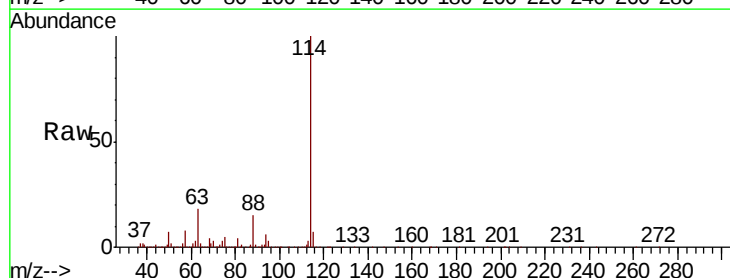
Instrument :
 MSVOA_X
 ClientSampleId :
 E3TB01-190109

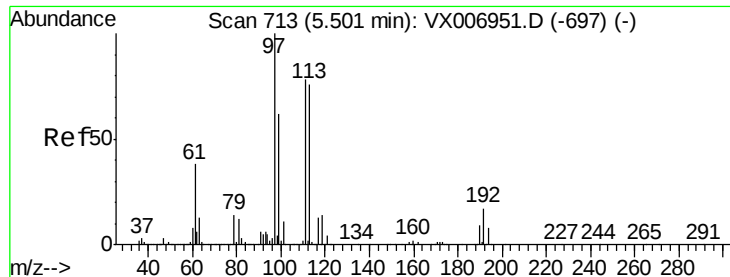
Tgt Ion: 65 Resp: 316837
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007036.D
 Acq: 14 Jan 2019 13:50

Tgt Ion: 114 Resp: 917328
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 15.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.365 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007036.D

Acq: 14 Jan 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

E3TB01-190109

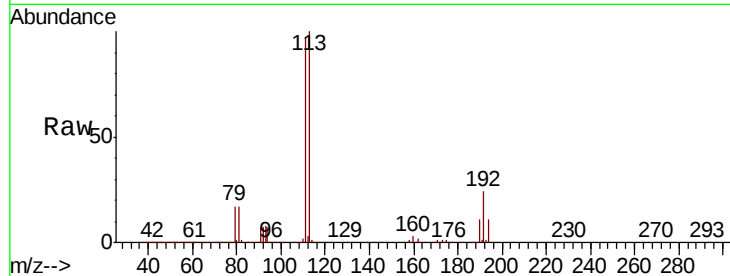
Tgt Ion:113 Resp: 284122

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

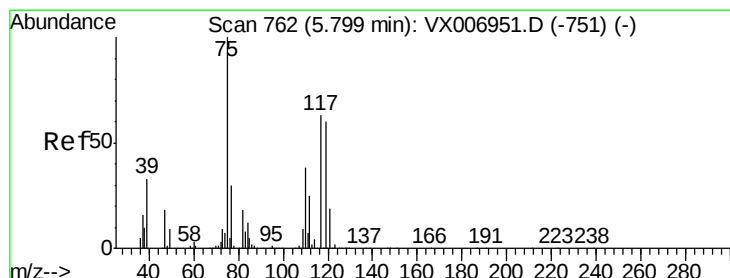
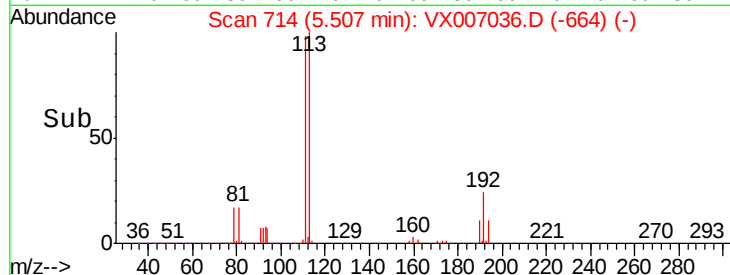
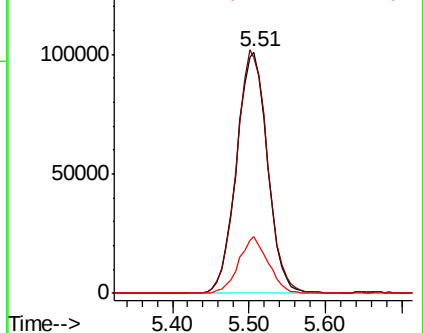
192 22.2 16.7 25.1



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: 4.762 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007036.D

Acq: 14 Jan 2019 13:50

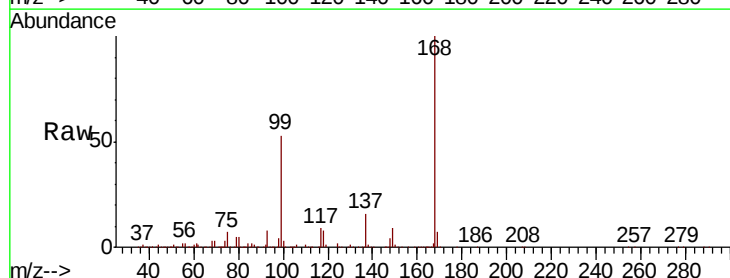
Tgt Ion: 75 Resp: 37976

Ion Ratio Lower Upper

75 100

110 11.4 20.2 60.5#

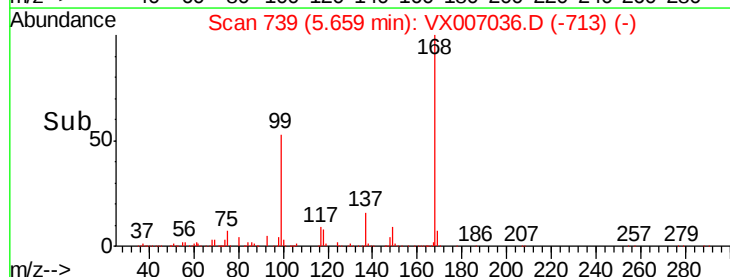
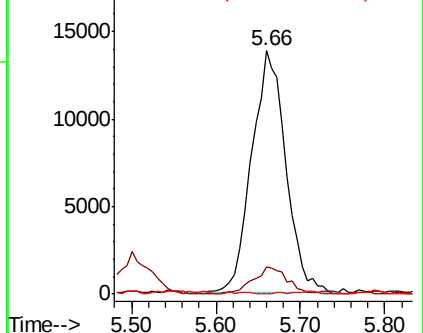
77 0.4 24.8 37.2#

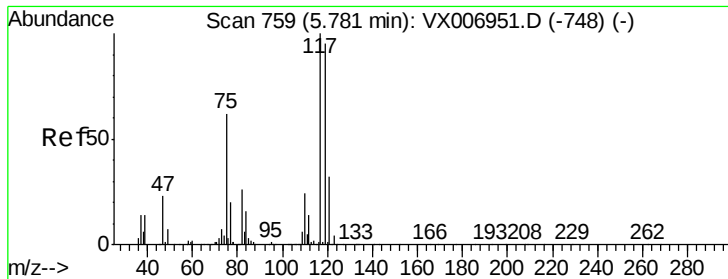


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.648 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007036.D

Acq: 14 Jan 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

E3TB01-190109

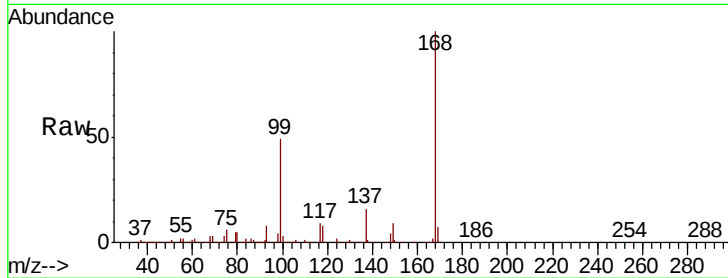
Tgt Ion: 117 Resp: 53347

Ion Ratio Lower Upper

117 100

119 4.3 79.4 119.2#

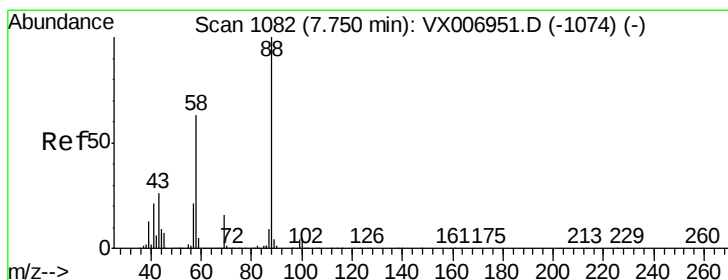
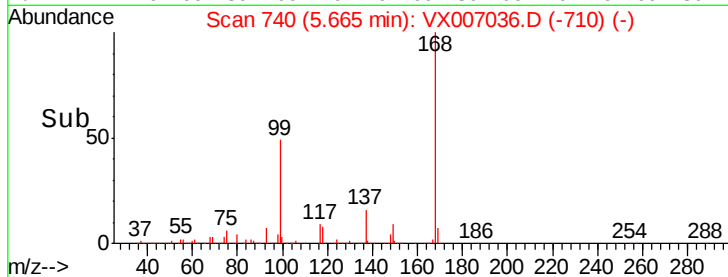
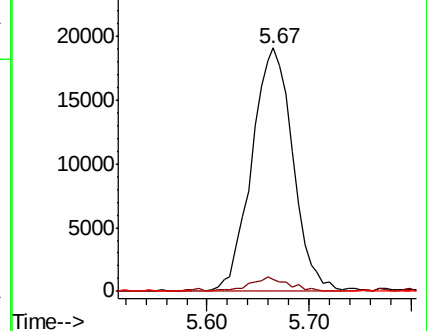
121 0.0 24.0 36.0#



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



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007036.D

Acq: 14 Jan 2019 13:50

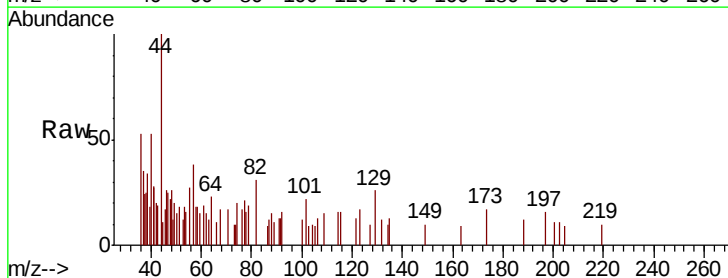
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

43 474.6 22.2 33.4#

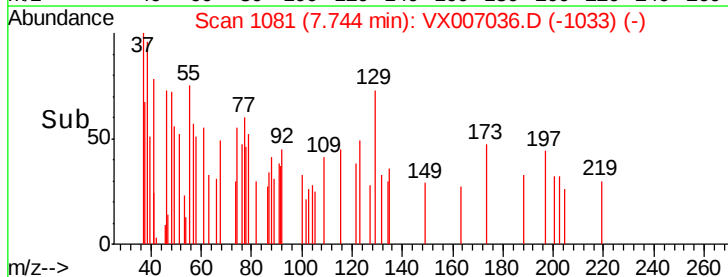
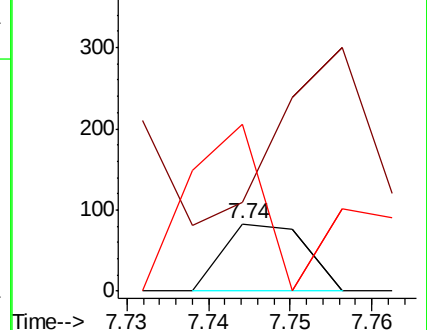
58 220.3 51.0 76.4#

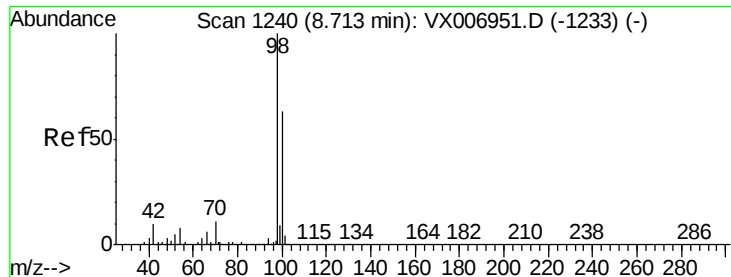


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.247 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007036.D

Acq: 14 Jan 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

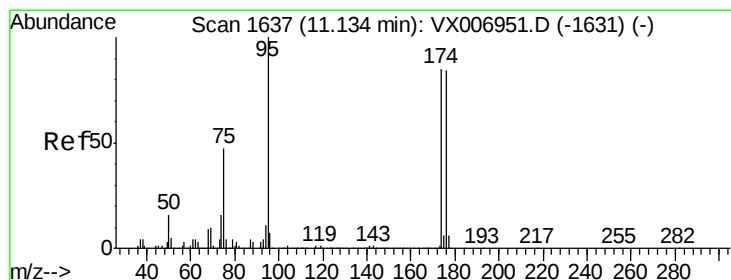
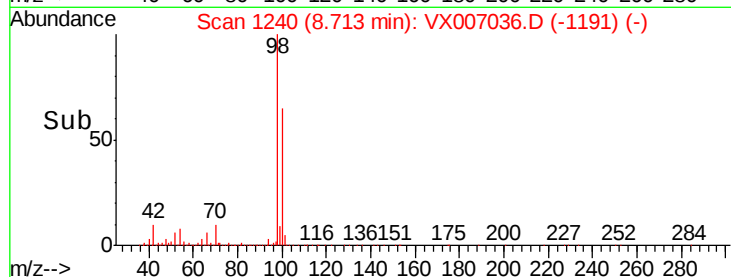
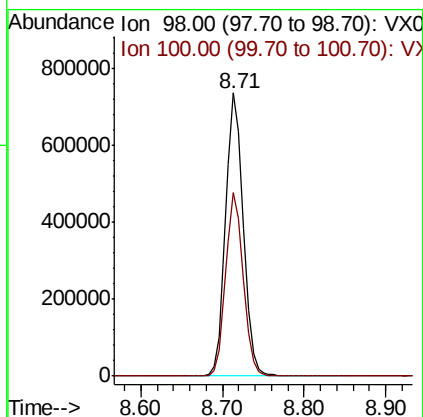
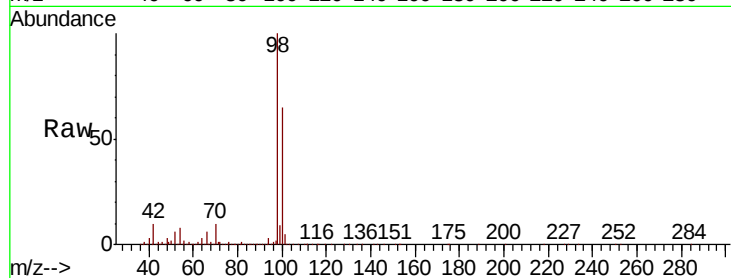
E3TB01-190109

Tgt Ion: 98 Resp: 1101949

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.948 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007036.D

Acq: 14 Jan 2019 13:50

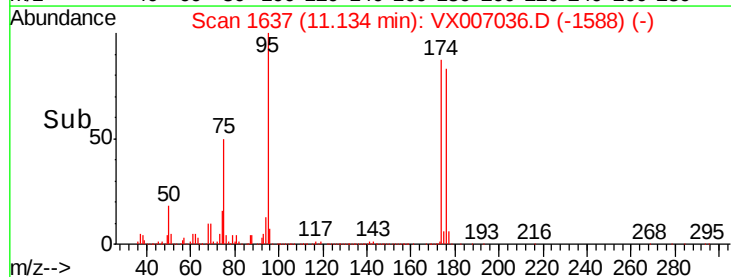
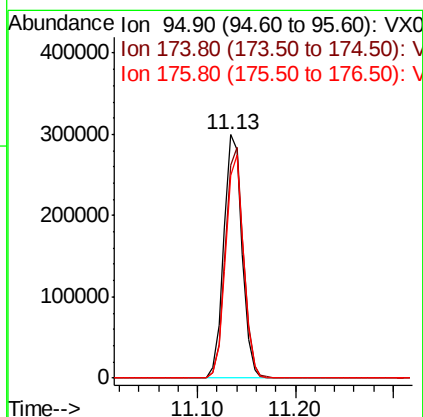
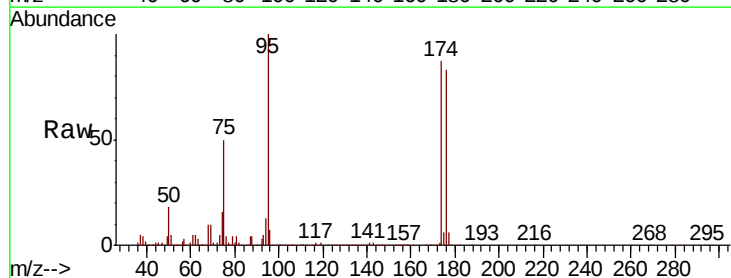
Tgt Ion: 95 Resp: 389415

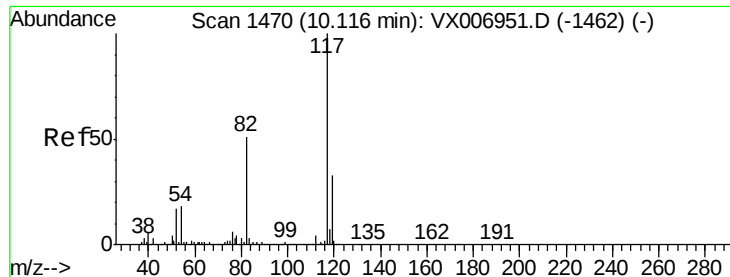
Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.2

176 90.1 0.0 178.8

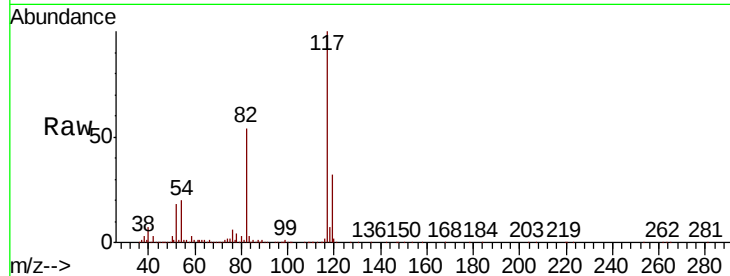




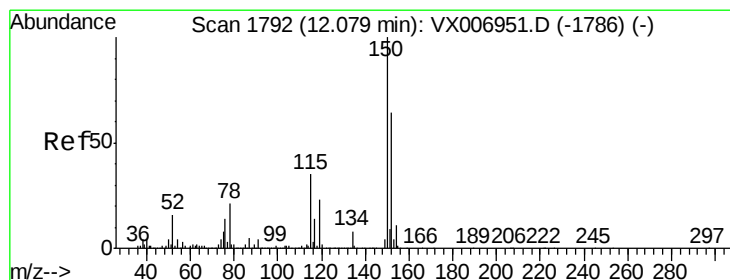
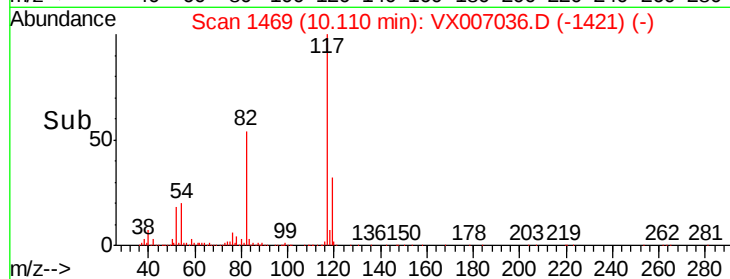
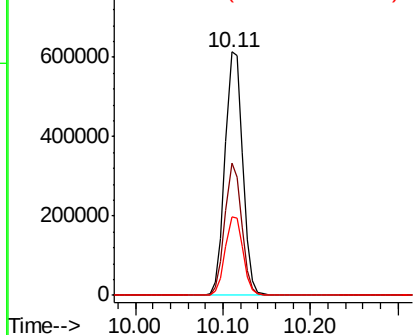
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007036.D
Acq: 14 Jan 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
E3TB01-190109

Tgt Ion:117 Resp: 857959
Ion Ratio Lower Upper
117 100
82 54.2 41.0 61.6
119 32.1 25.4 38.0

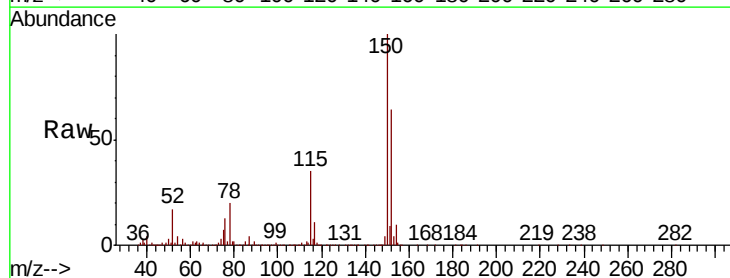


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

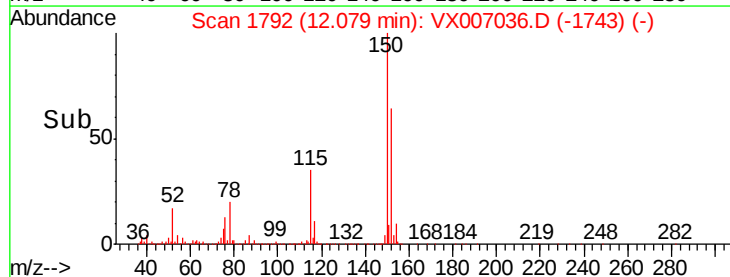
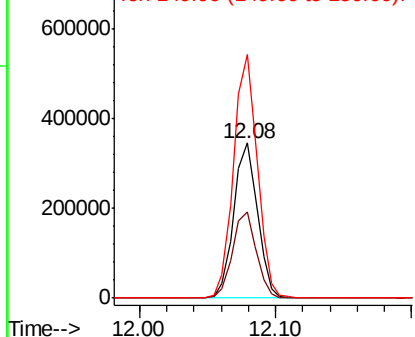


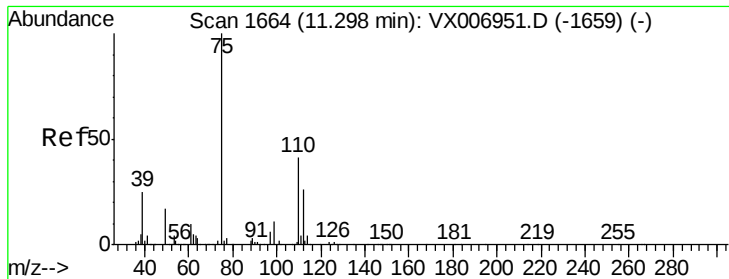
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007036.D
Acq: 14 Jan 2019 13:50

Tgt Ion:152 Resp: 421003
Ion Ratio Lower Upper
152 100
115 55.9 39.1 117.2
150 157.0 0.0 344.8



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: 22.145 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007036.D

Acq: 14 Jan 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

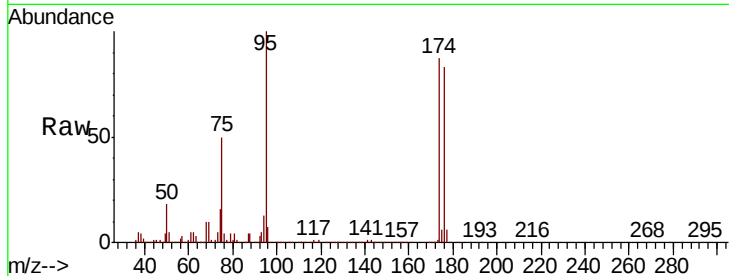
E3TB01-190109

Tgt Ion: 75 Resp: 188925

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

150000

100000

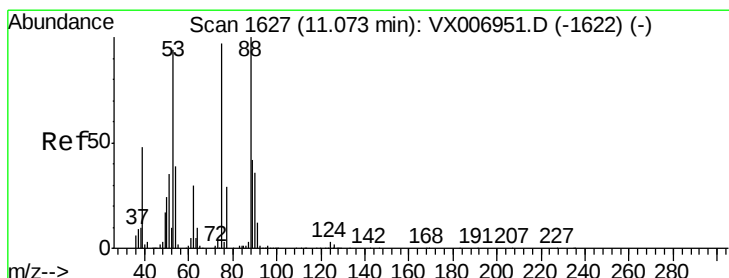
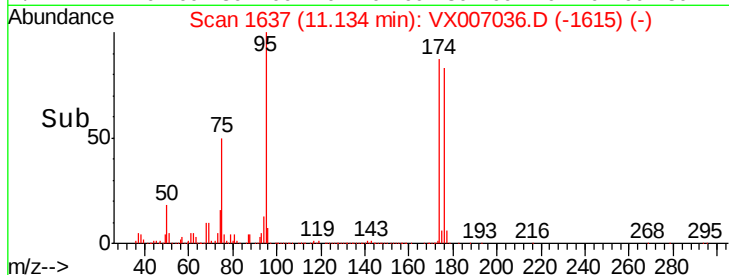
50000

0

Time-->

11.10

11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 65.556 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007036.D

Acq: 14 Jan 2019 13:50

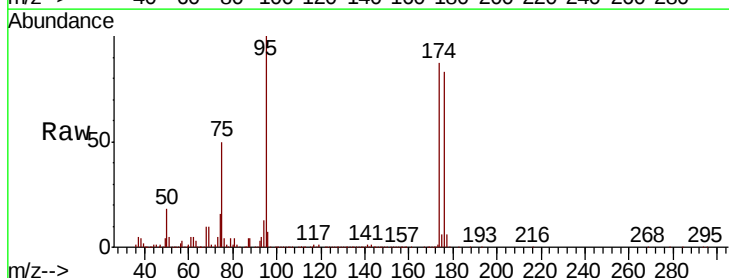
Tgt Ion: 75 Resp: 188925

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

89 0.1 38.0 57.0#



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

11.13

200000

150000

100000

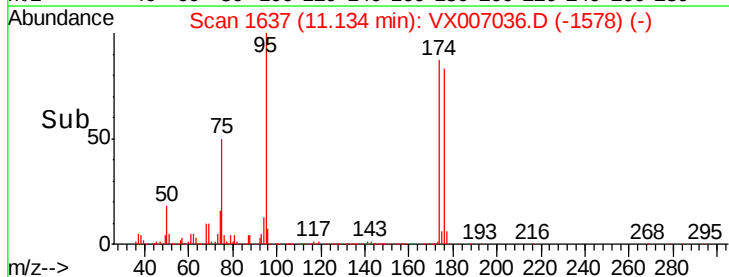
50000

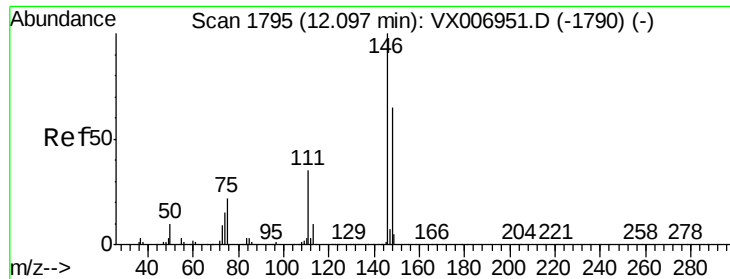
0

Time-->

11.10

11.20

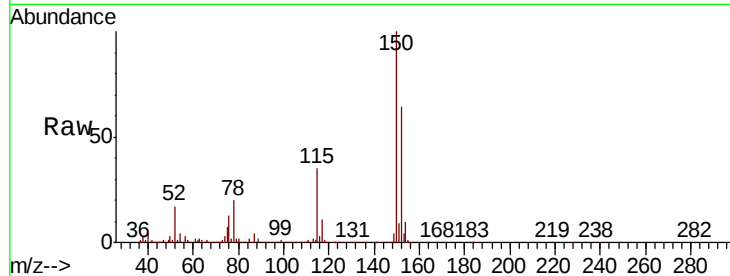




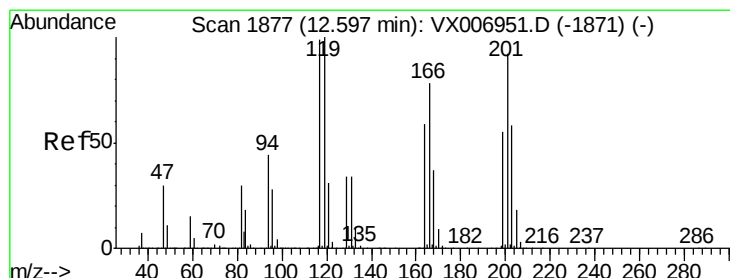
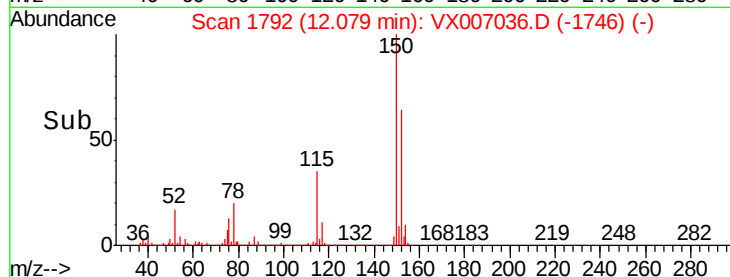
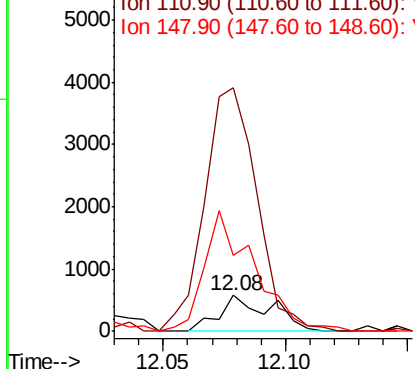
#88
 1,4-Dichlorobenzene
 Concen: 0.206 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: VX007036.D
 Acq: 14 Jan 2019 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 E3TB01-190109

Tgt Ion:146 Resp: 859
 Ion Ratio Lower Upper
 146 100
 111 677.6 18.1 54.1#
 148 318.5 31.9 95.9#

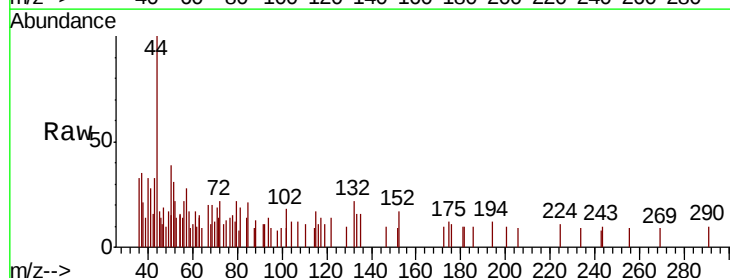


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#90
 Hexachloroethane
 Concen: 2.922 ug/l
 RT: 12.53 min Scan# 1866
 Delta R.T. -0.07 min
 Lab File: VX007036.D
 Acq: 14 Jan 2019 13:50

Tgt Ion:117 Resp: 60
 Ion Ratio Lower Upper
 117 100
 201 108.3 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V

