

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006542.D
 Acq On : 15 Dec 2018 04:20
 Operator : JC/MD
 Sample : J6398-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 05:50:35 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	658695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1049440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	974261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	457611	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	357926	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
35) Dibromofluoromethane	5.51	113	318560	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	8.71	98	1248358	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.13	95	454274	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	

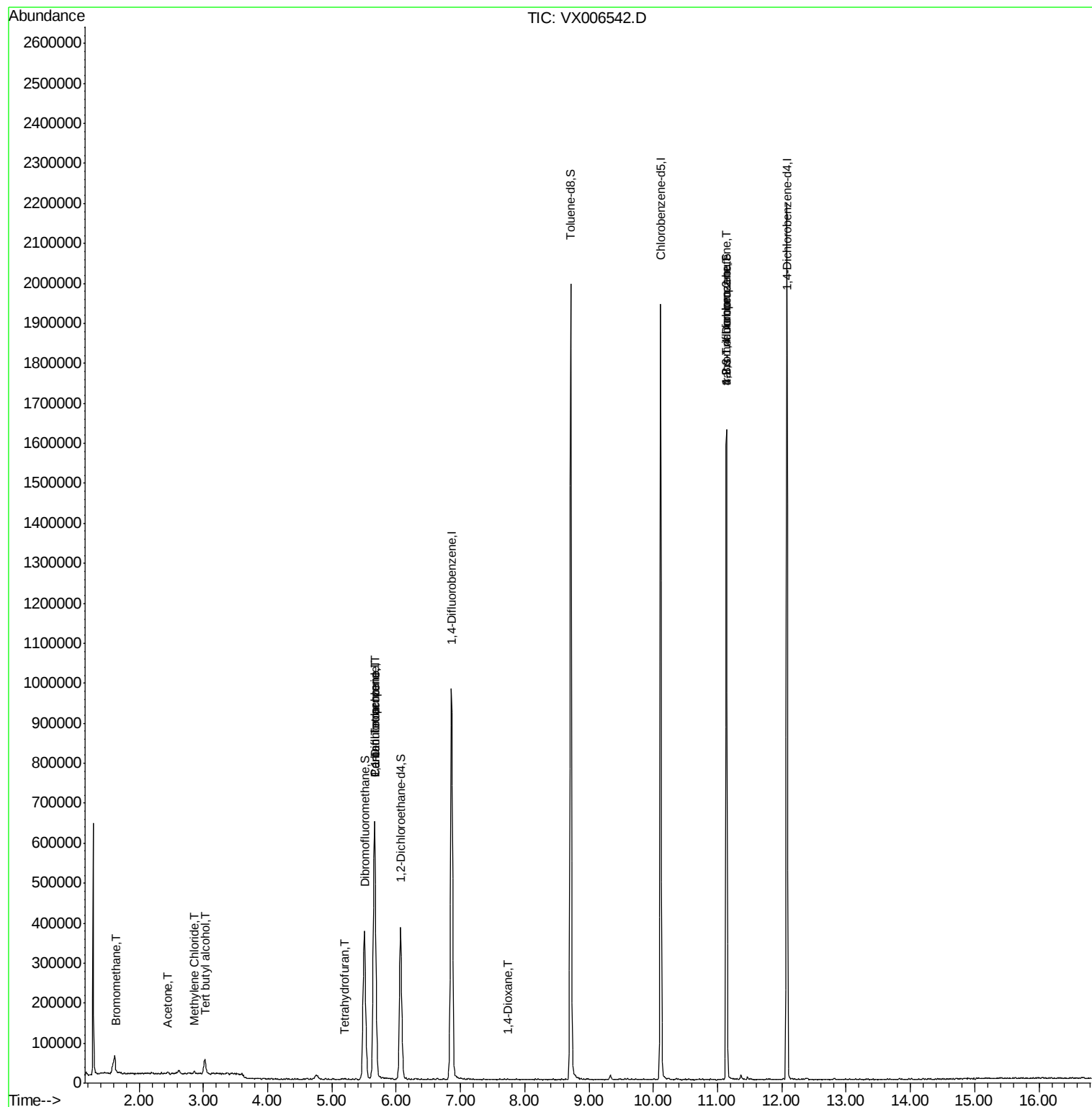
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1793	0.363	ug/l	100
11) Tert butyl alcohol	3.03	59	21617	11.755	ug/l #	83
16) Acetone	2.45	43	4959	1.571	ug/l	97
20) Methylene Chloride	2.85	84	2797	0.416	ug/l #	86
29) Tetrahydrofuran	5.20	42	649	0.207	ug/l	90
36) 1,1-Dichloropropene	5.66	75	44310	5.014	ug/l #	48
38) Carbon Tetrachloride	5.67	117	62749	6.036	ug/l #	16
49) 1,4-Dioxane	7.74	88	109	0.551	ug/l #	9
76) 1,2,3-Trichloropropane	11.13	75	211185	23.910	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	211185	56.109	ug/l #	15

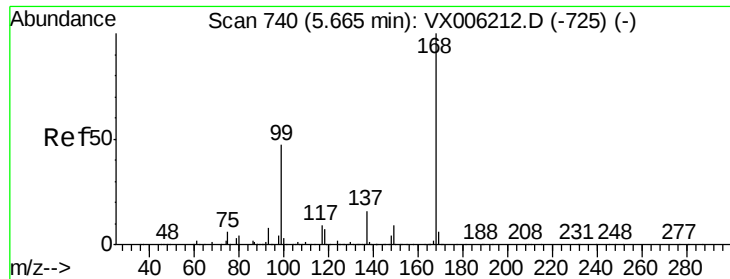
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Dec 15 05:50:35 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: VX006542.D

Acq: 15 Dec 2018 04:20

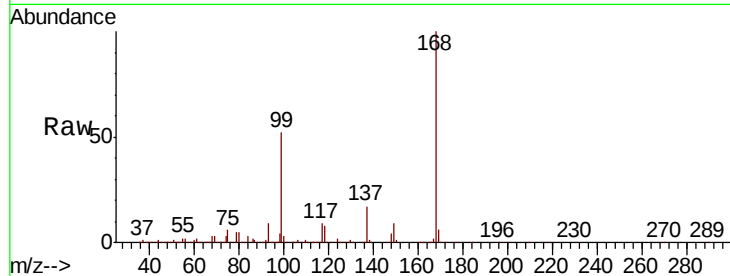
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 658695

Ion Ratio Lower Upper

168 100

99 52.2 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

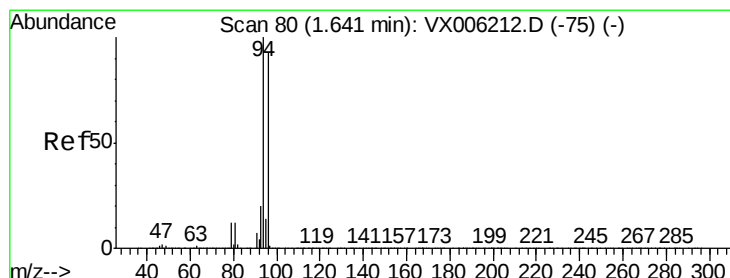
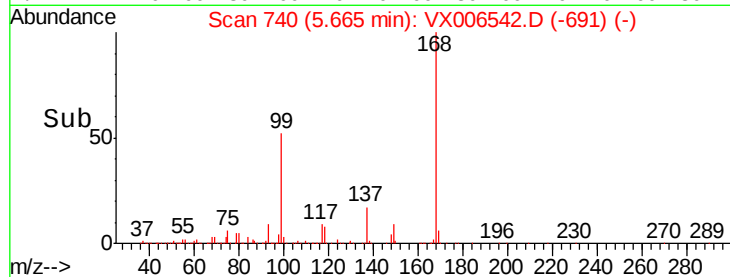
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.363 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006542.D

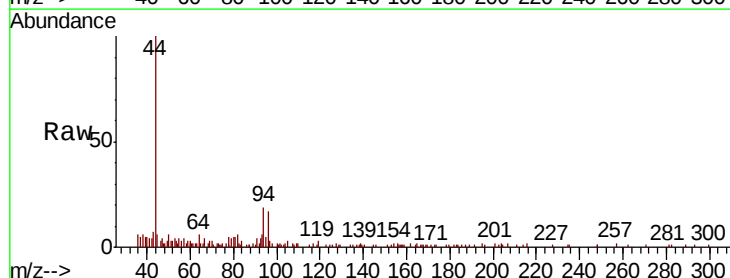
Acq: 15 Dec 2018 04:20

Tgt Ion: 94 Resp: 1793

Ion Ratio Lower Upper

94 100

96 92.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1500

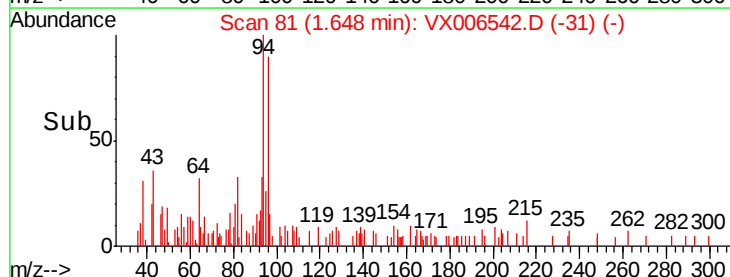
1000

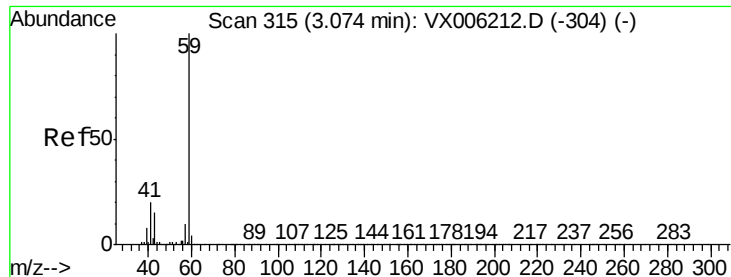
500

0

Time-->

1.60 1.62 1.64 1.66 1.68



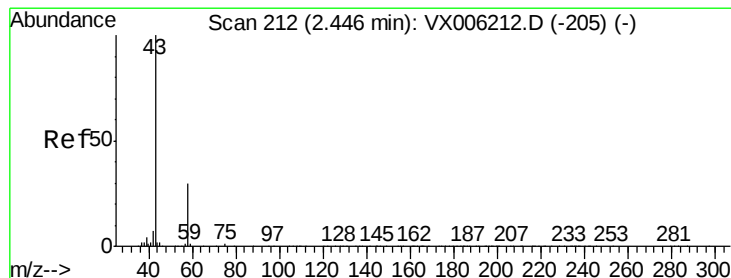
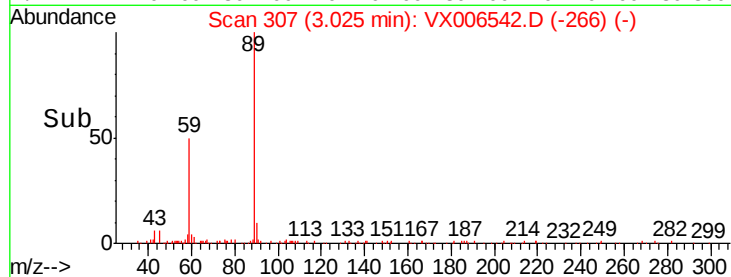
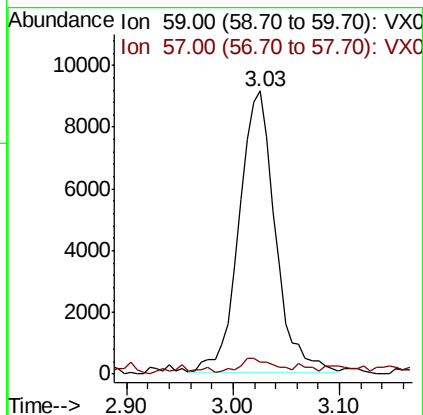
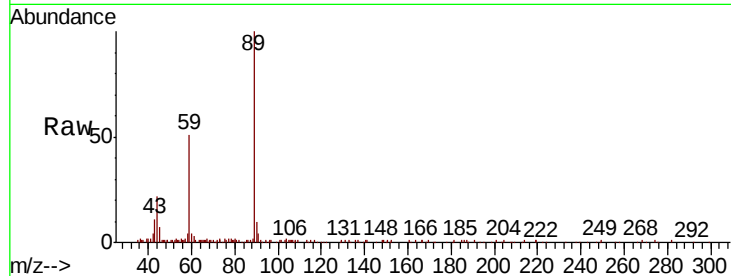


#11

Tert butyl alcohol
 Concen: 11.755 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: VX006542.D
 Acq: 15 Dec 2018 04:20

Instrument :
 MSVOA_X
 ClientSampleId :

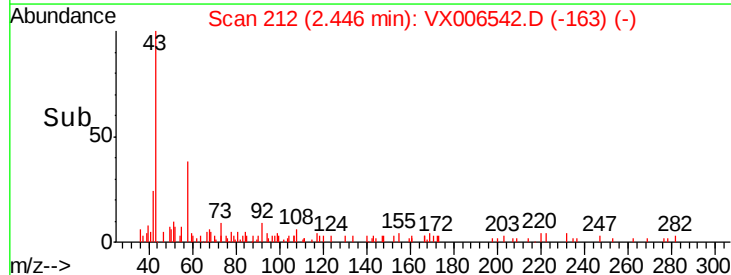
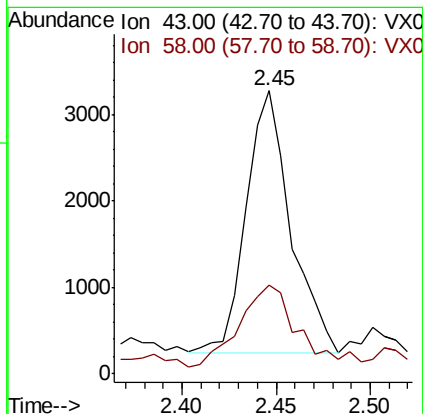
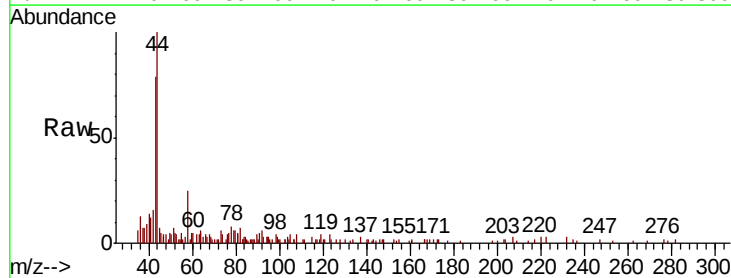
Tot Ion: 59 Resp: 21617
 Ion Ratio Lower Upper
 59 100
 57 3.9 8.2 12.2#

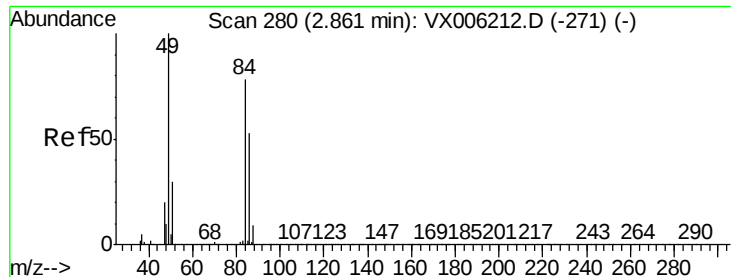


#16

Acetone
 Concen: 1.571 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006542.D
 Acq: 15 Dec 2018 04:20

Tgt Ion: 43 Resp: 4959
 Ion Ratio Lower Upper
 43 100
 58 31.4 24.0 36.0

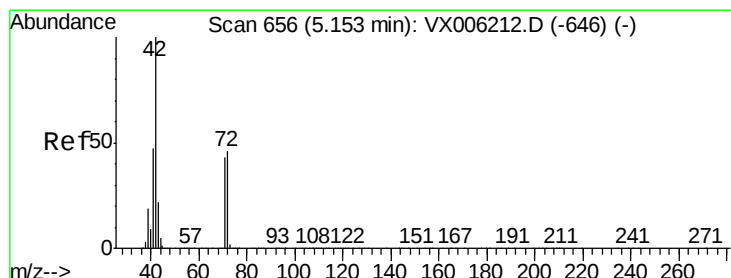
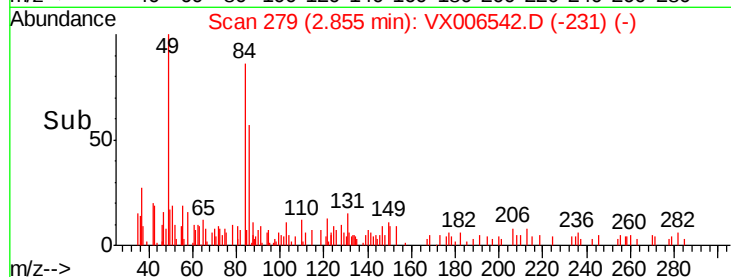
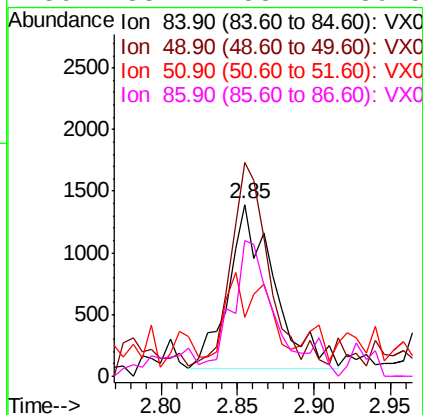
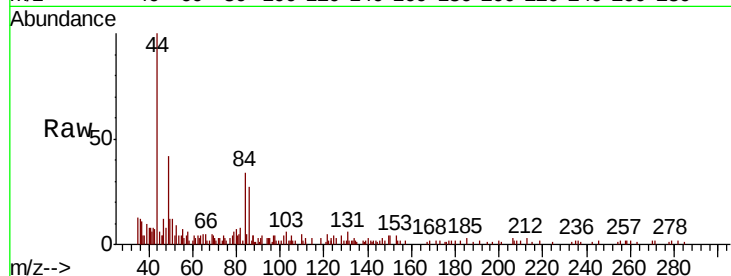




#20
Methvlene Chloride
Concen: 0.416 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006542.D
Acq: 15 Dec 2018 04:20

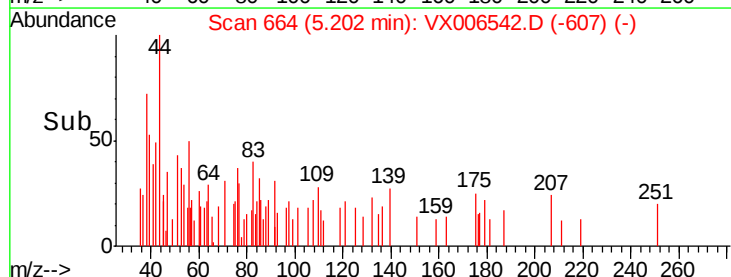
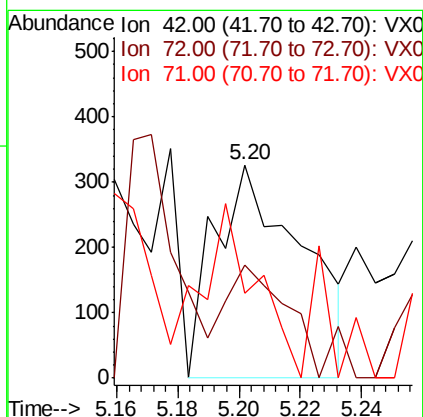
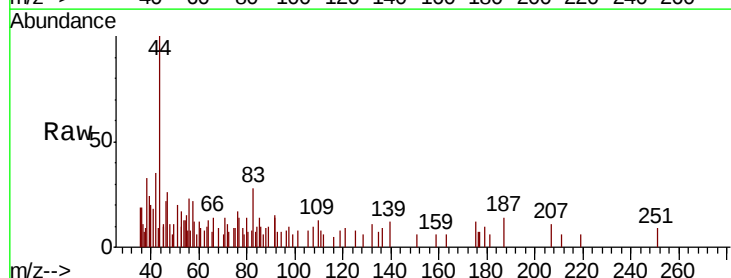
Instrument :
MSVOA_X
ClientSampled :

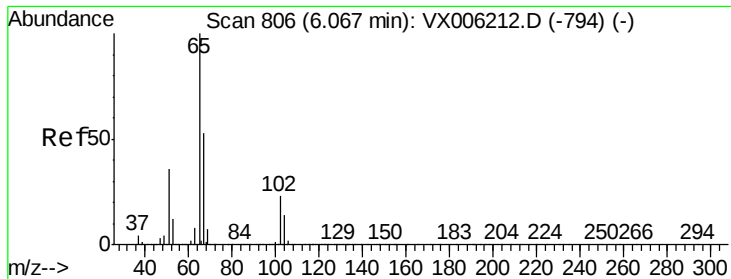
Tot Ion: 84 Resp: 2797
Ion Ratio Lower Upper
84 100
49 124.3 102.2 153.4
51 15.5 31.1 46.7#
86 83.1 53.7 80.5#



#29
Tetrahydrofuran
Concen: 0.207 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.05 min
Lab File: VX006542.D
Acq: 15 Dec 2018 04:20

Tgt Ion: 42 Resp: 649
Ion Ratio Lower Upper
42 100
72 41.0 37.8 56.8
71 50.4 35.2 52.8

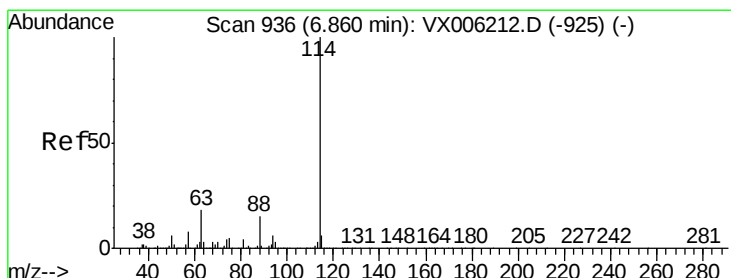
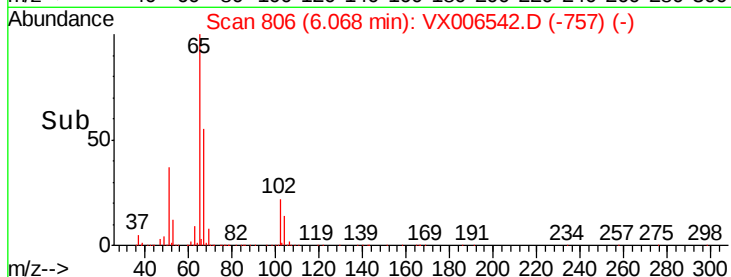
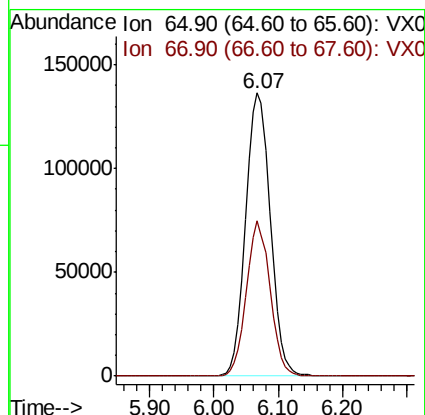
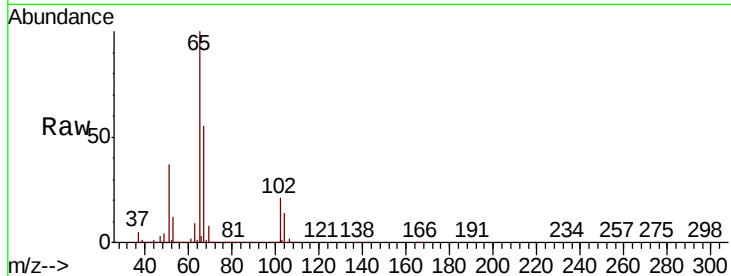




#33
 1,2-Dichloroethane-d4
 Concen: 53.229 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006542.D
 Acq: 15 Dec 2018 04:20

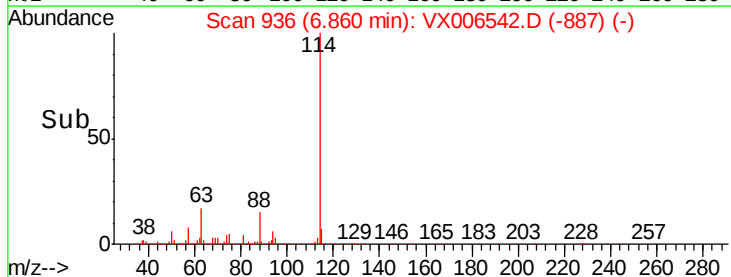
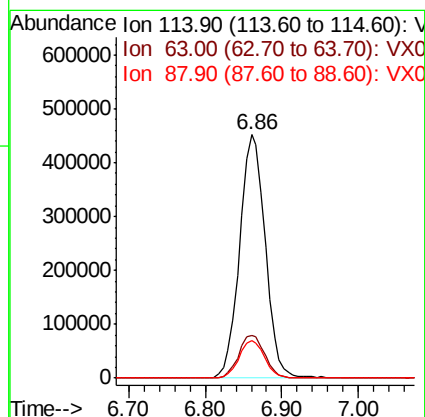
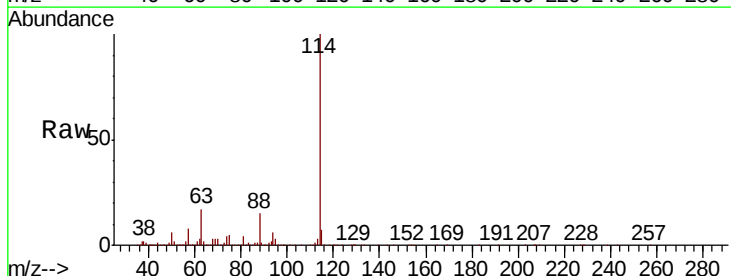
Instrument :
 MSVOA_X
 ClientSampleId :

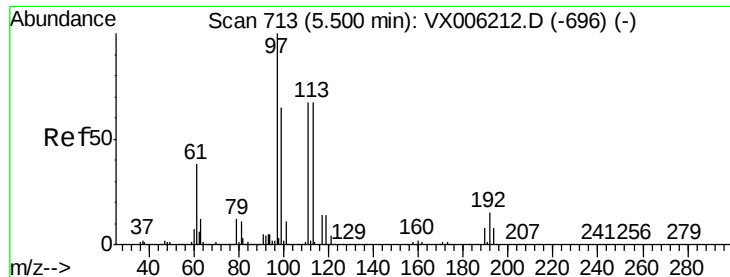
Tot Ion: 65 Resp: 357926
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006542.D
 Acq: 15 Dec 2018 04:20

Tgt Ion: 114 Resp: 1049440
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.6
 88 15.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.883 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006542.D

Acq: 15 Dec 2018 04:20

Instrument :
MSVOA_X
ClientSampleId :

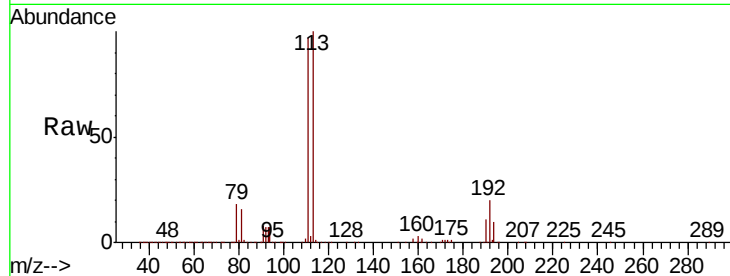
Tot Ion:113 Resp: 318560

Ion Ratio Lower Upper

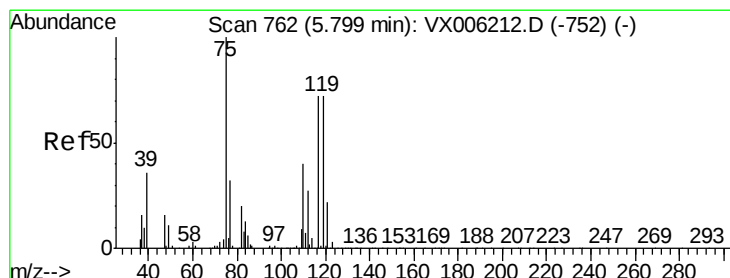
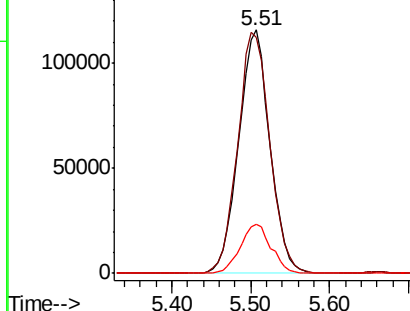
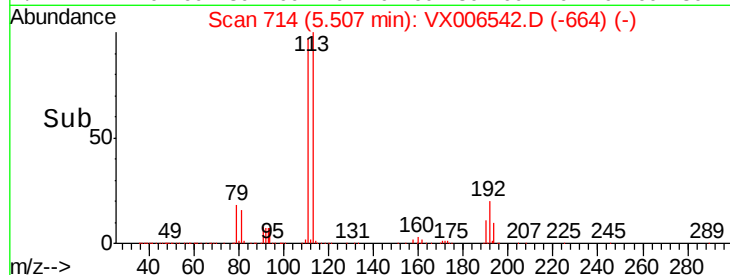
113 100

111 102.4 81.1 121.7

192 20.0 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: 5.014 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006542.D

Acq: 15 Dec 2018 04:20

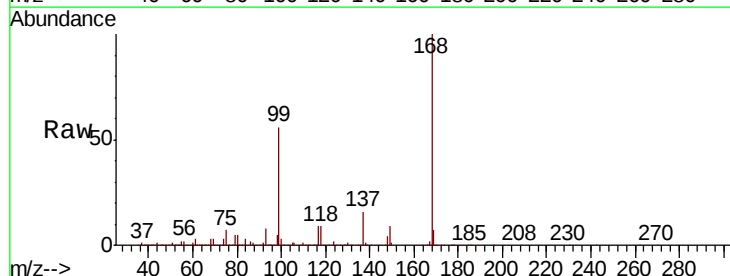
Tgt Ion: 75 Resp: 44310

Ion Ratio Lower Upper

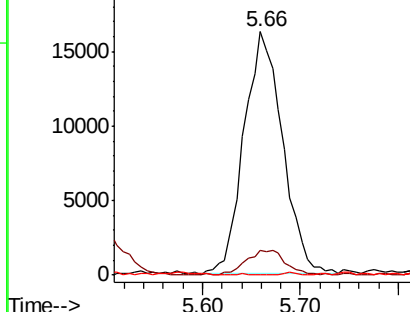
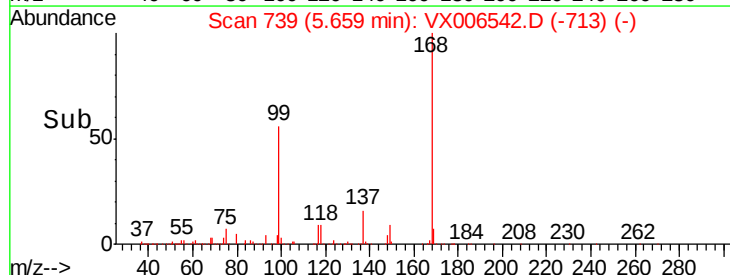
75 100

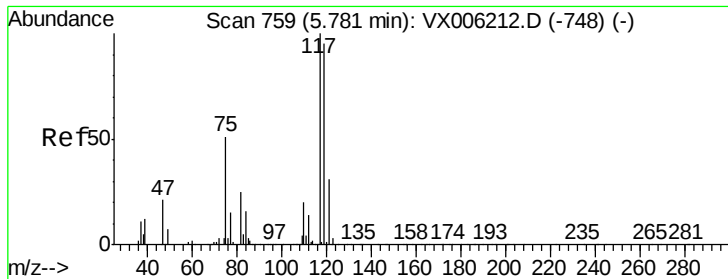
110 10.6 20.4 61.3#

77 0.1 24.9 37.3#



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: 6.036 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006542.D

Acq: 15 Dec 2018 04:20

Instrument :

MSVOA_X

ClientSampled :

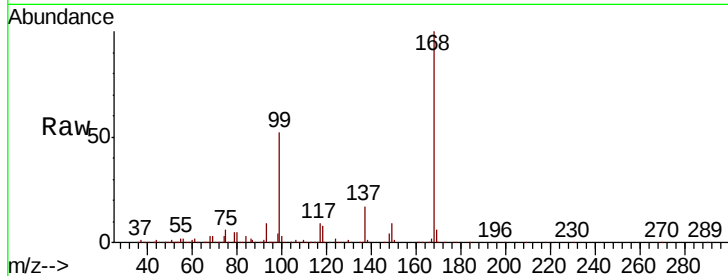
Tot Ion:117 Resp: 62749

Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.3 24.6 37.0#

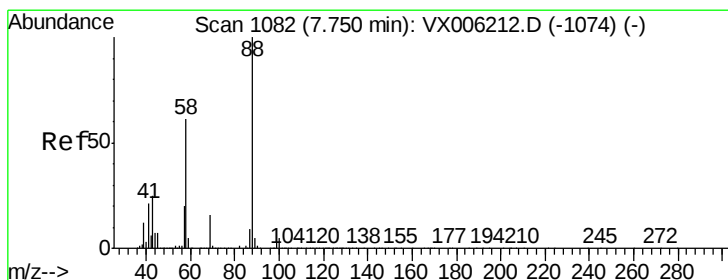
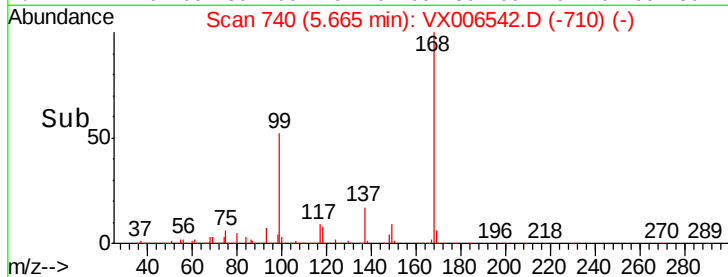
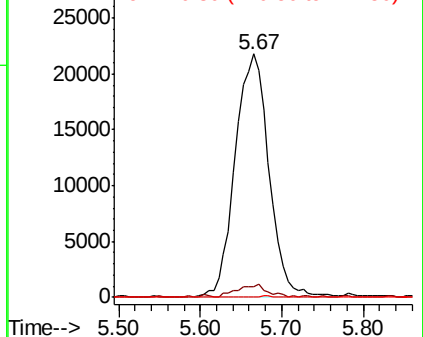


Abundance

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: 0.551 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX006542.D

Acq: 15 Dec 2018 04:20

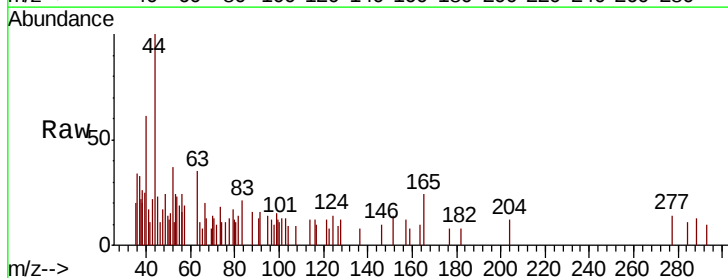
Tgt Ion: 88 Resp: 109

Ion Ratio Lower Upper

88 100

43 155.0 23.2 34.8#

58 84.4 51.4 77.0#

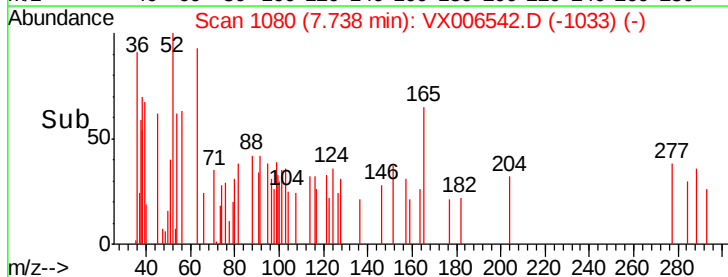
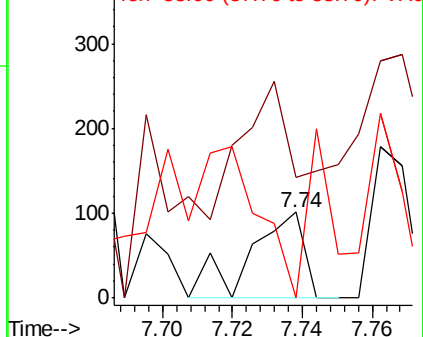


Abundance

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

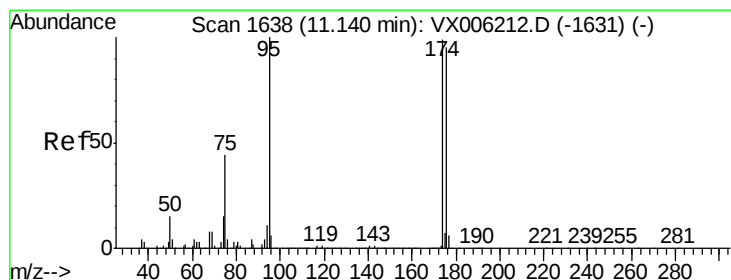
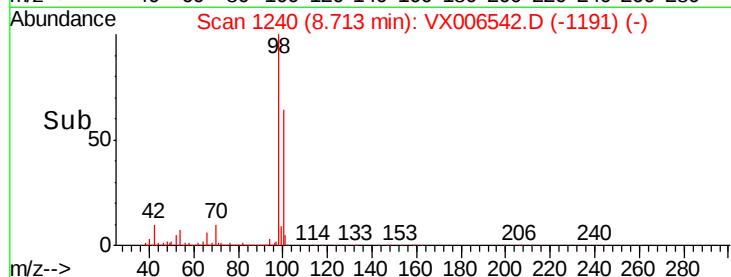
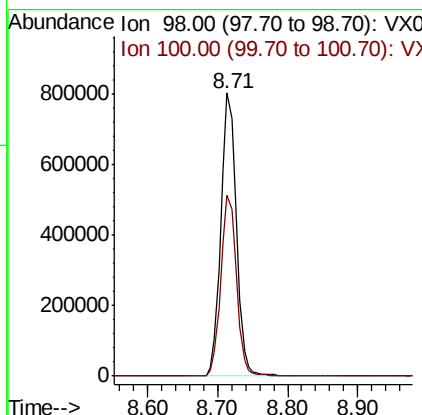
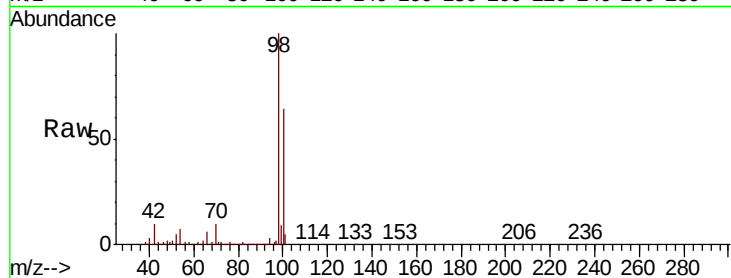




#50
Toluene-d8
Concen: 50.510 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006542.D
Acq: 15 Dec 2018 04:20

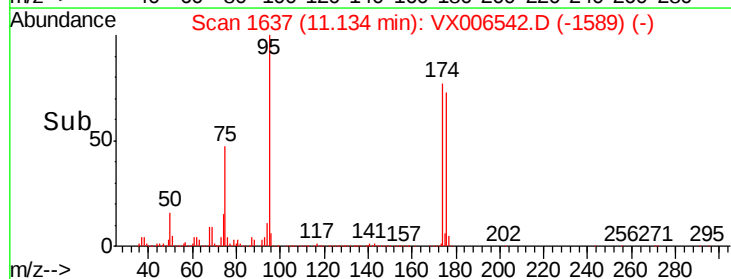
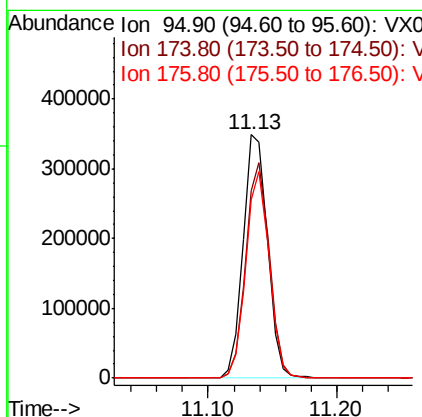
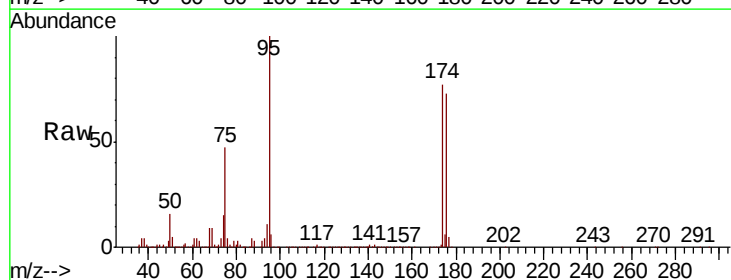
Instrument :
MSVOA_X
ClientSampleId :

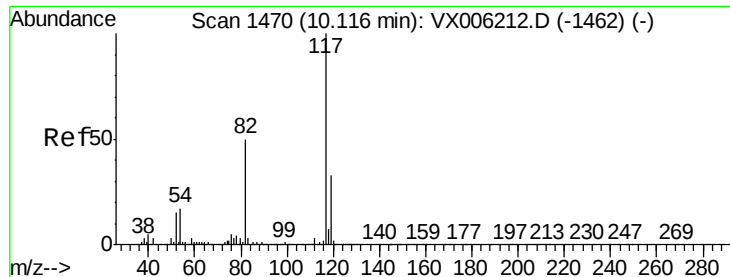
Tot Ion: 98 Resp: 1248358
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.776 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006542.D
Acq: 15 Dec 2018 04:20

Tgt Ion: 95 Resp: 454274
Ion Ratio Lower Upper
95 100
174 86.0 0.0 187.0
176 81.9 0.0 181.8

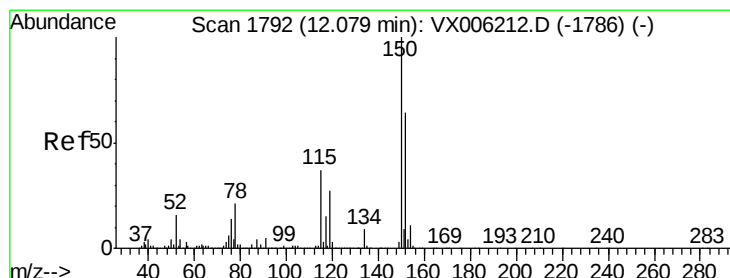
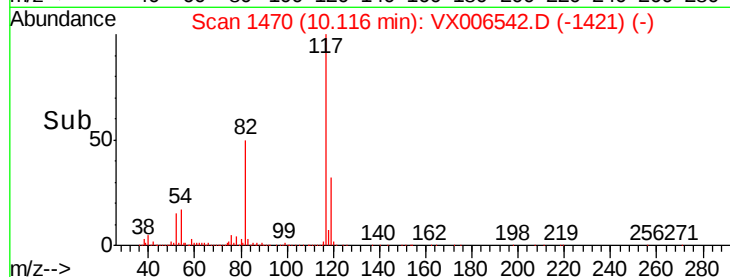
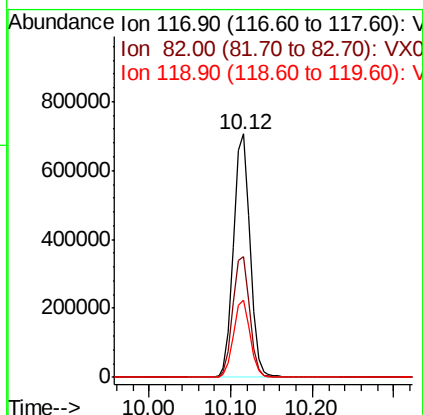
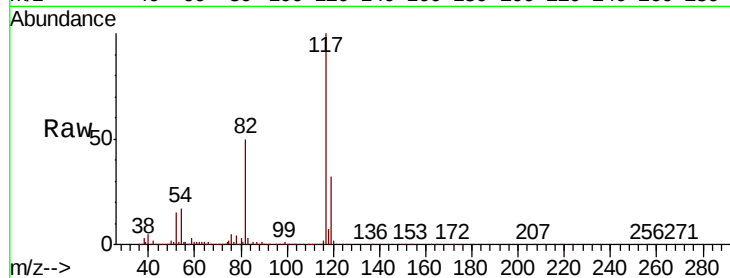




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006542.D
Acq: 15 Dec 2018 04:20

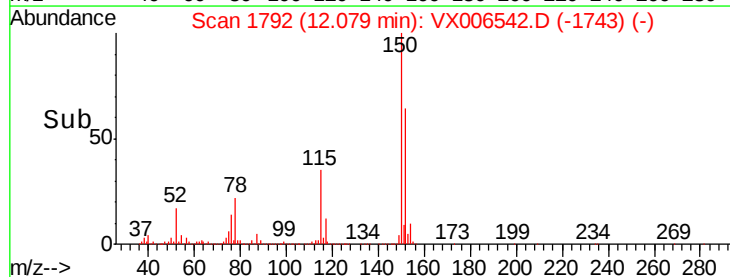
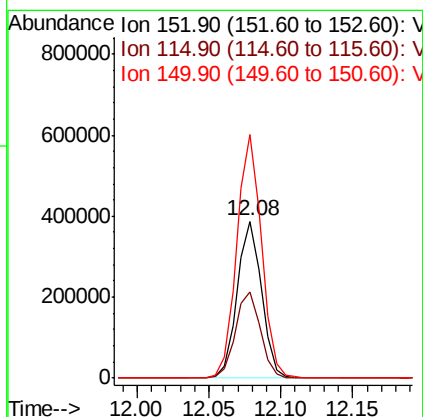
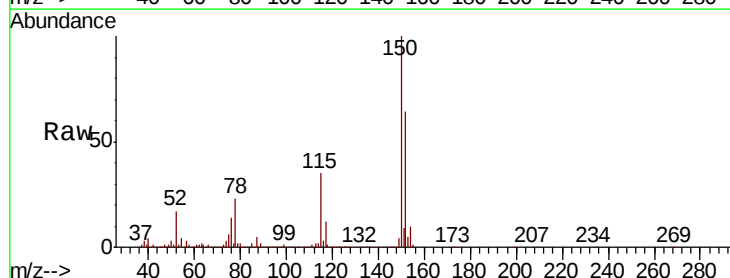
Instrument :
MSVOA_X
ClientSampleId :

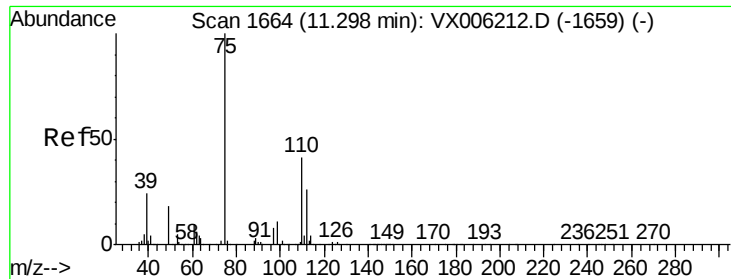
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.5	39.6	59.4
119	31.9	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006542.D
Acq: 15 Dec 2018 04:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	39.0	116.9
150	157.0	0.0	345.8





#76

1,2,3-Trichloropropane

Concen: 23.910 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006542.D

Acq: 15 Dec 2018 04:20

Instrument :

MSVOA_X

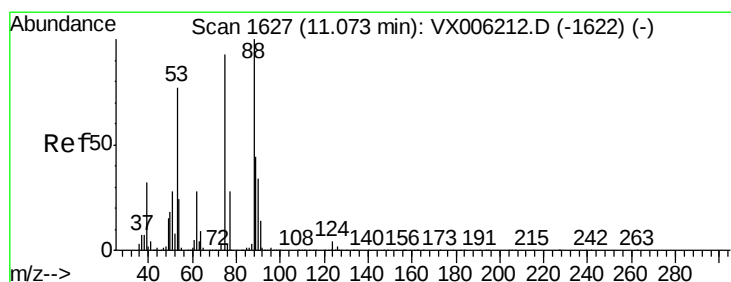
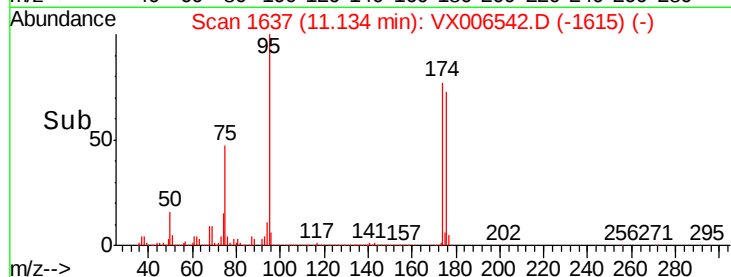
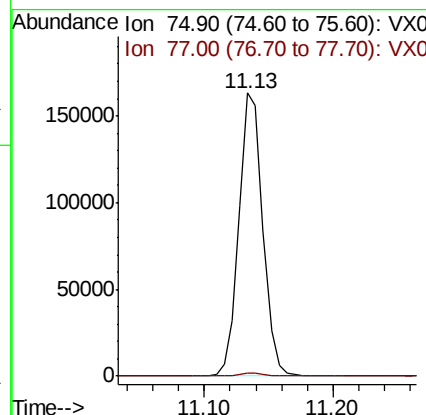
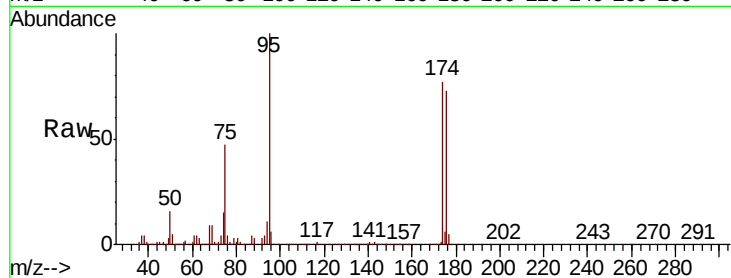
ClientSampleId :

Tot Ion: 75 Resp: 211185

Ion Ratio Lower Upper

75 100

77 1.3 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.109 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006542.D

Acq: 15 Dec 2018 04:20

Tgt Ion: 75 Resp: 211185

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

