

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\
 Data File : VX007038.D
 Acq On : 14 Jan 2019 14:43
 Operator : JC/SP
 Sample : K1133-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109

Quant Time: Jan 15 00:17:15 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	569712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	876167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	827101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403960	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	305473	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
35) Dibromofluoromethane	5.50	113	270596	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
50) Toluene-d8	8.71	98	1048418	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.13	95	376701	52.61	ug/l	0.00
Spiked Amount			Recovery	=	105.22%	

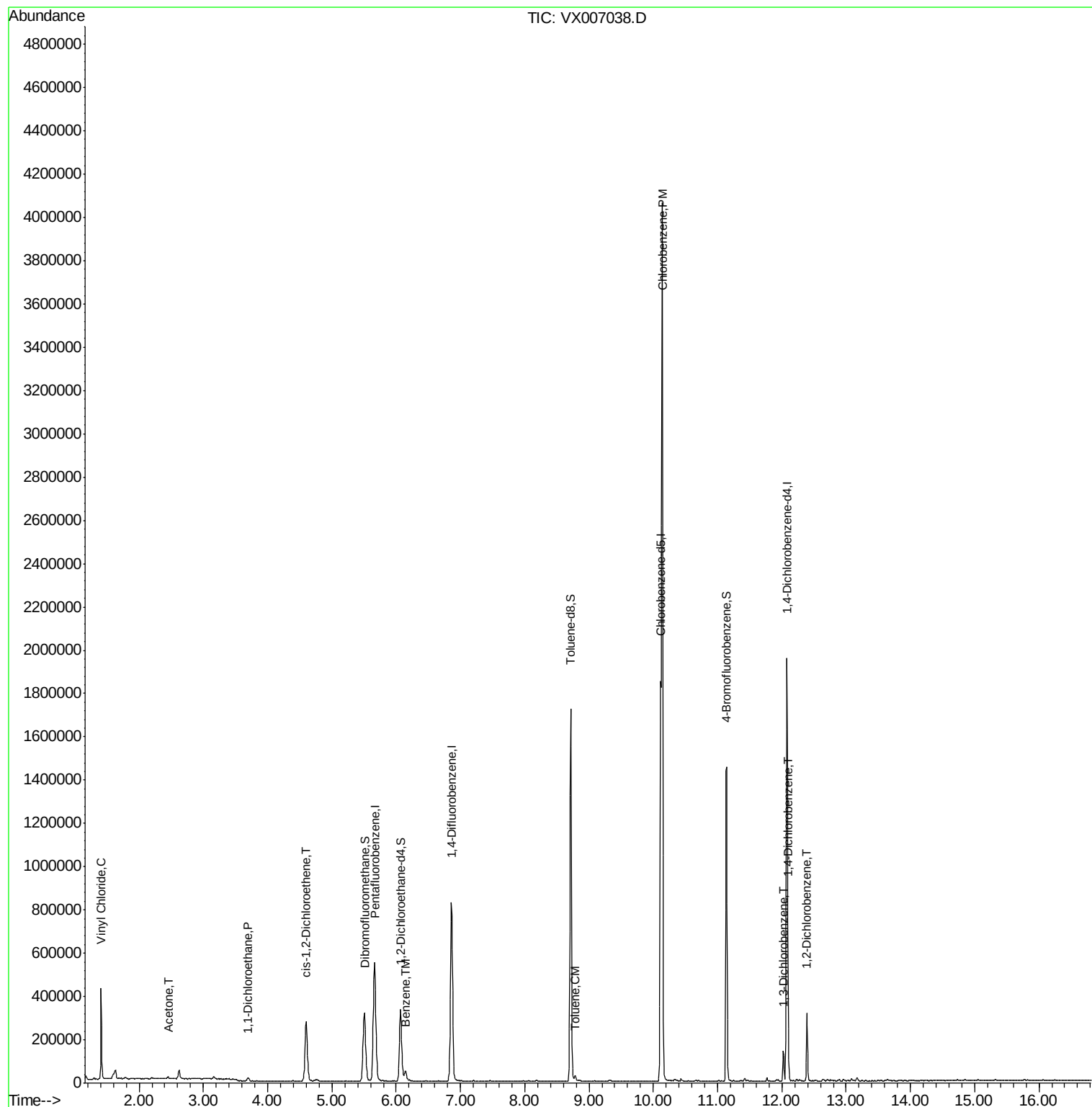
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	250732	42.797	ug/l	100
16) Acetone	2.45	43	12310	4.182	ug/l	99
24) 1,1-Dichloroethane	3.70	63	15914	1.687	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	183537	28.516	ug/l	93
40) Benzene	6.14	78	54979	2.365	ug/l	97
52) Toluene	8.79	92	8285	0.555	ug/l	96
65) Chlorobenzene	10.14	112	1847061	102.390	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	46557	3.282	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	106754	8.064	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	104486	7.463	ug/l	99

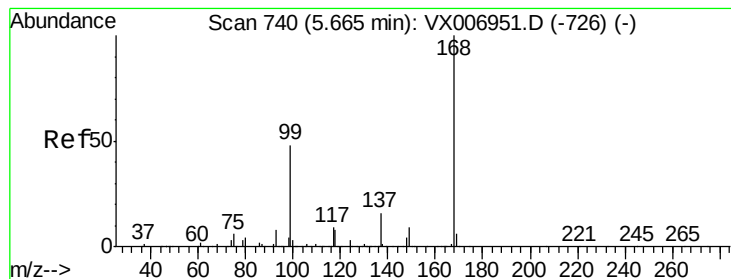
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011419\
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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: VX007038.D

Acq: 14 Jan 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

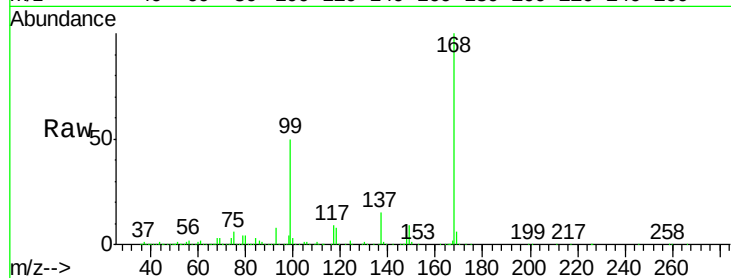
WP022MW359-190109

Tot Ion:168 Resp: 569712

Ion Ratio Lower Upper

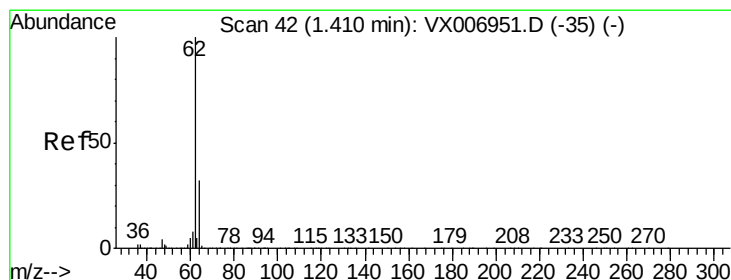
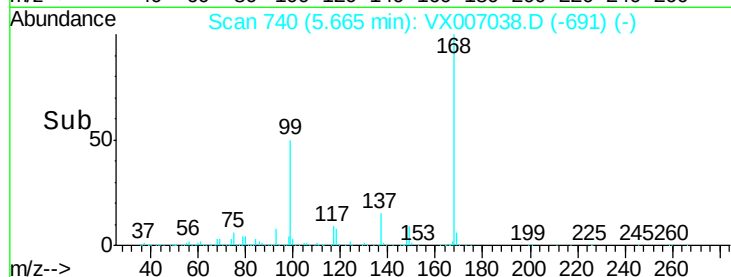
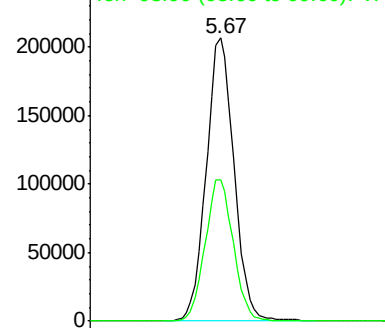
168 100

99 49.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 42.797 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007038.D

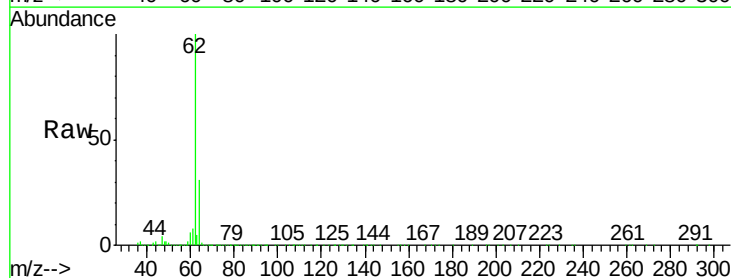
Acq: 14 Jan 2019 14:43

Tgt Ion: 62 Resp: 250732

Ion Ratio Lower Upper

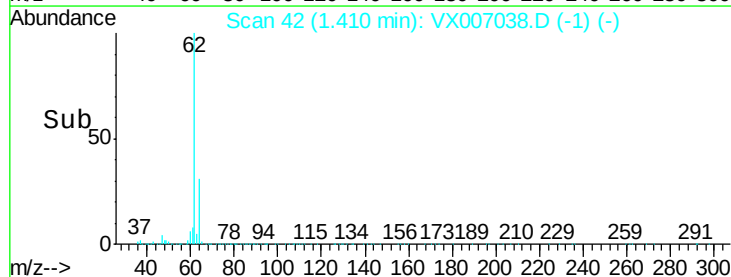
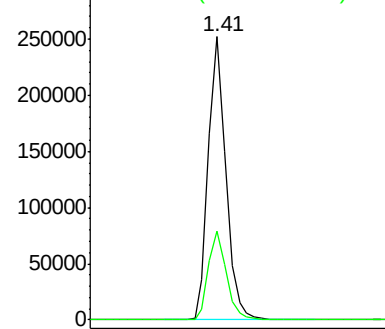
62 100

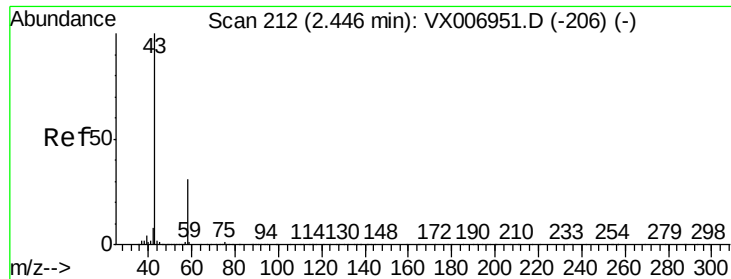
64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

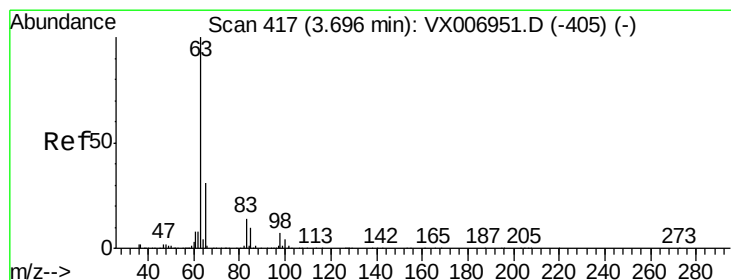
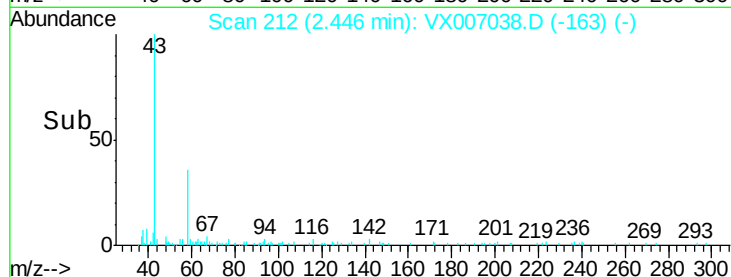
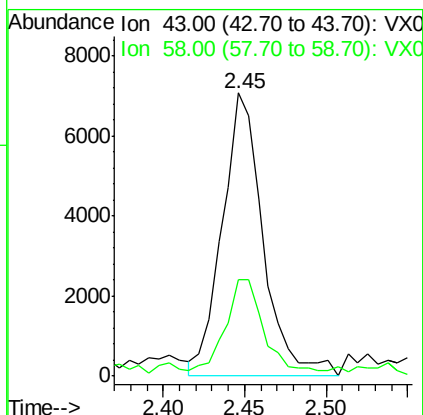
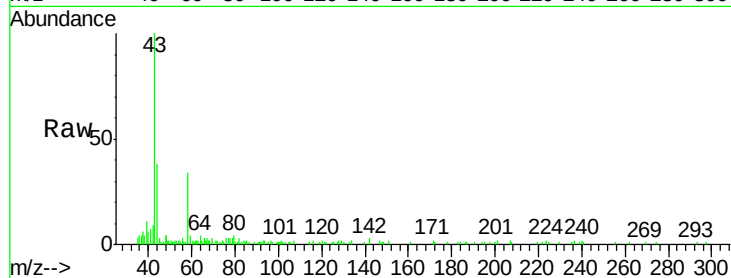




#16
Acetone
Concen: 4.182 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

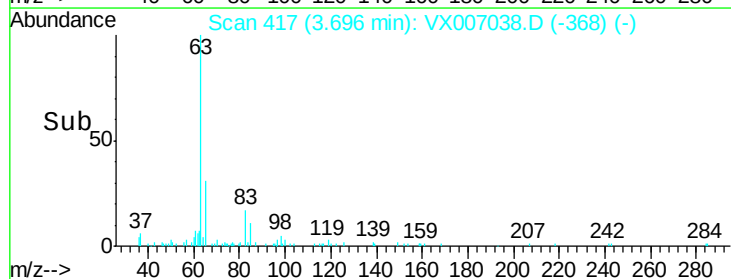
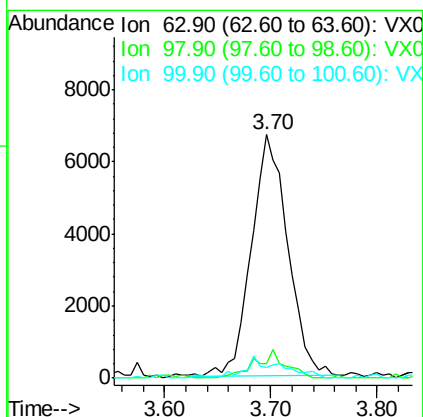
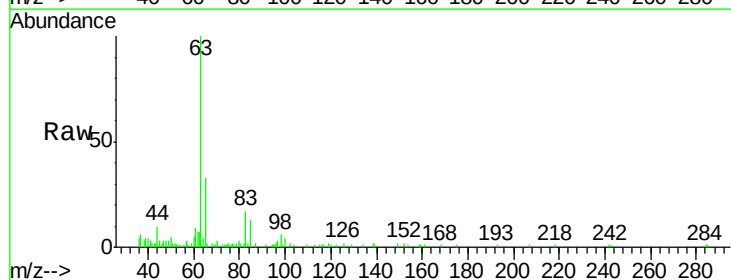
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

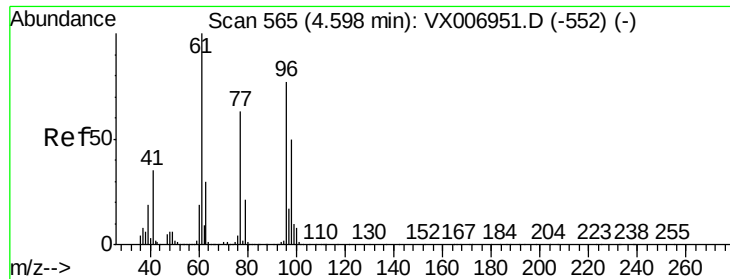
Tot Ion: 43 Resp: 12310
Ion Ratio Lower Upper
43 100
58 30.8 25.0 37.6



#24
1,1-Dichloroethane
Concen: 1.687 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 63 Resp: 15914
Ion Ratio Lower Upper
63 100
98 5.4 3.9 11.5
100 4.2 2.4 7.2



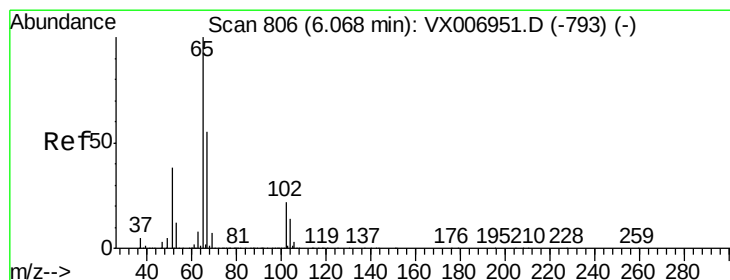
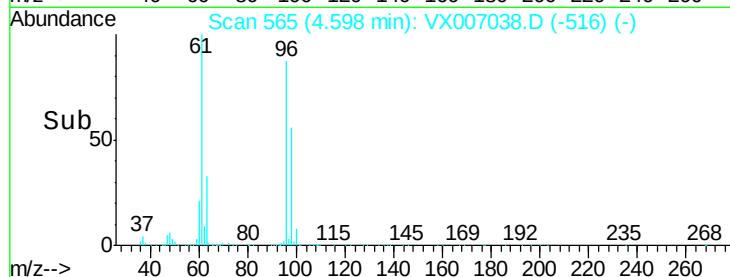
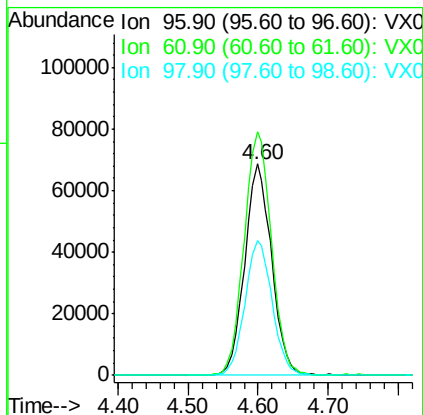
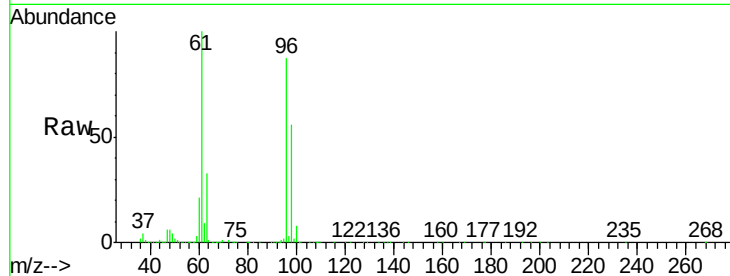


#27

cis-1,2-Dichloroethene
 Concen: 28.516 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007038.D
 Acq: 14 Jan 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109

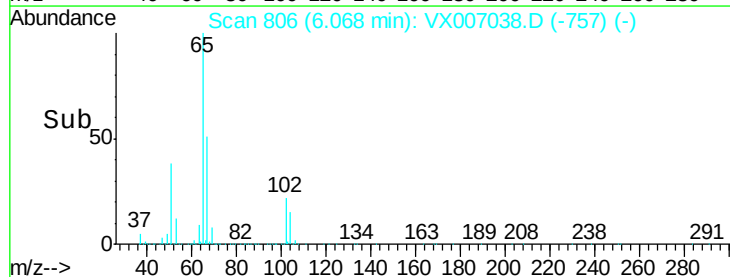
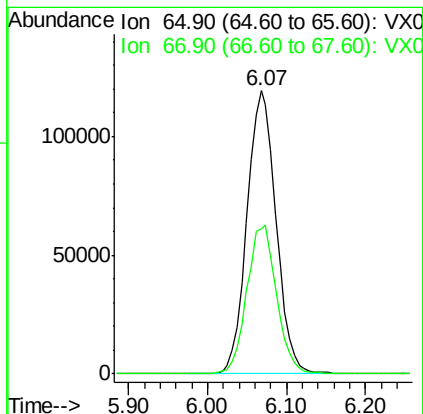
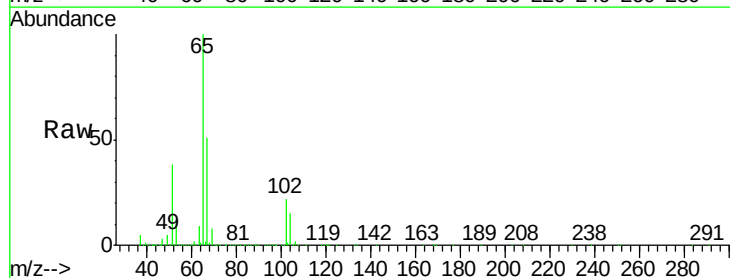
Tot Ion	96	Resp	183537
Ion	Ratio	Lower	Upper
96	100		
61	117.3	0.0	258.6
98	64.8	0.0	132.0

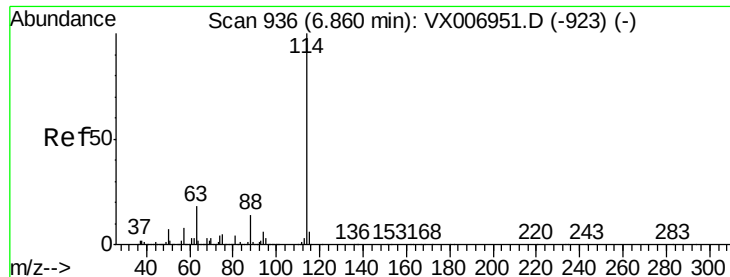


#33

1,2-Dichloroethane-d4
 Concen: 51.306 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007038.D
 Acq: 14 Jan 2019 14:43

Tgt Ion	65	Resp	305473
Ion	Ratio	Lower	Upper
65	100		
67	53.7	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: VX007038.D

Acq: 14 Jan 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109

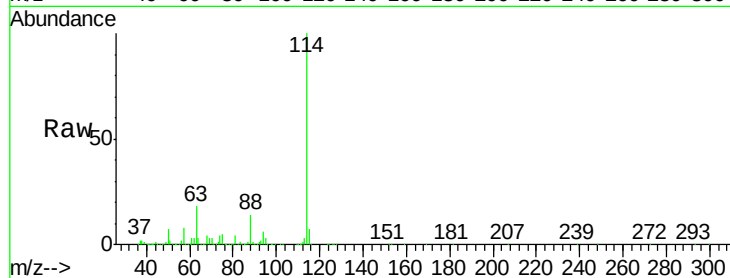
Tot Ion:114 Resp: 876167

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

88 13.9 0.0 28.8



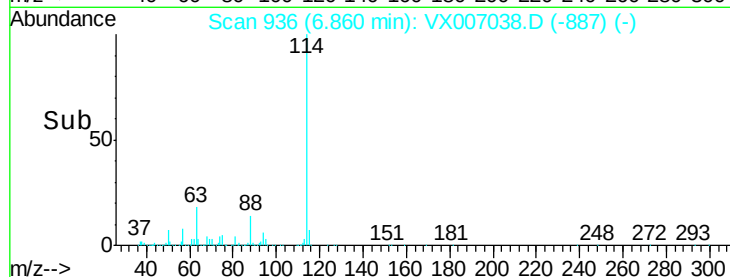
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

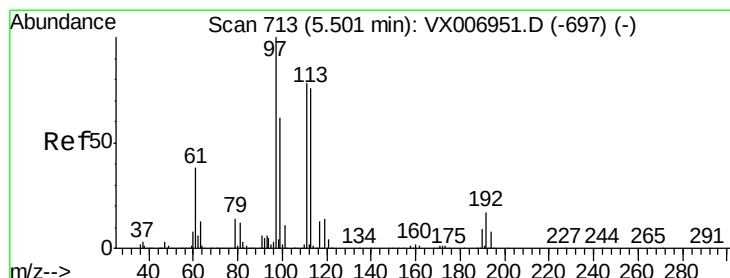
Ion 87.90 (87.60 to 88.60): VX0

6.86

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 48.227 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007038.D

Acq: 14 Jan 2019 14:43

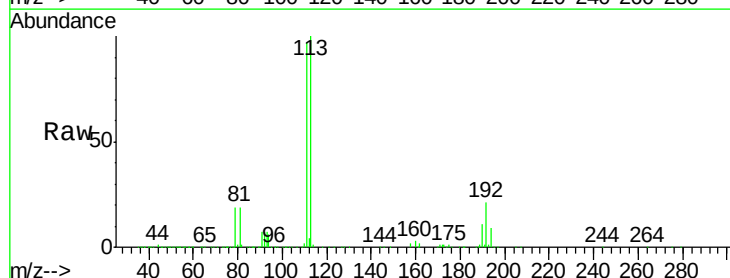
Tgt Ion:113 Resp: 270596

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

192 21.7 16.7 25.1



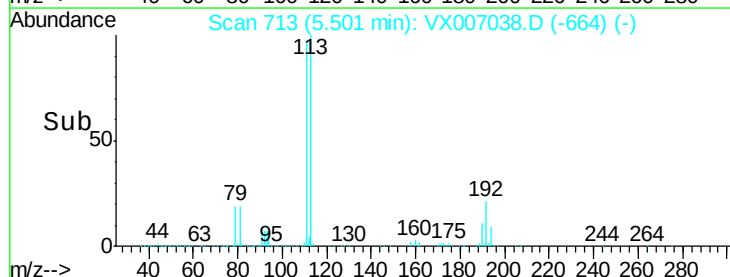
Abundance Ion 112.80 (112.50 to 113.50): V

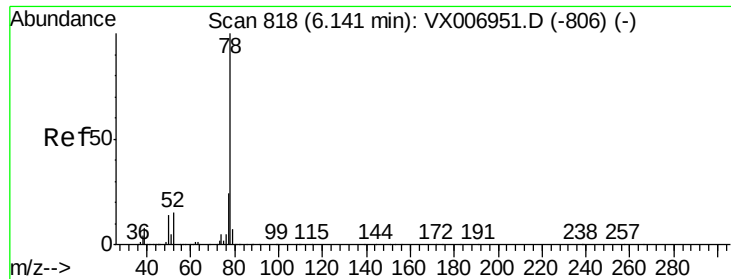
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.50

Time-->





#40

Benzene

Concen: 2.365 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007038.D

Acq: 14 Jan 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

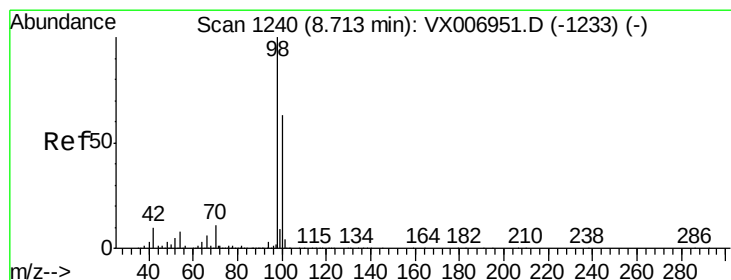
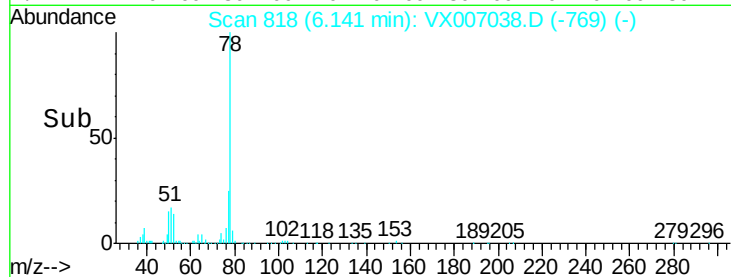
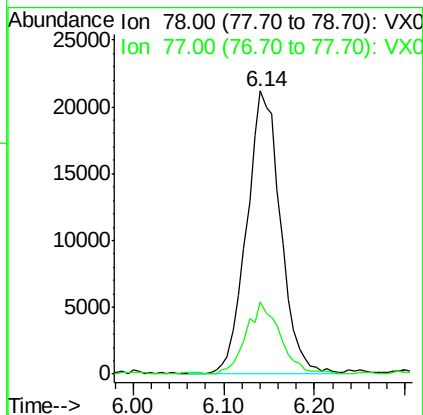
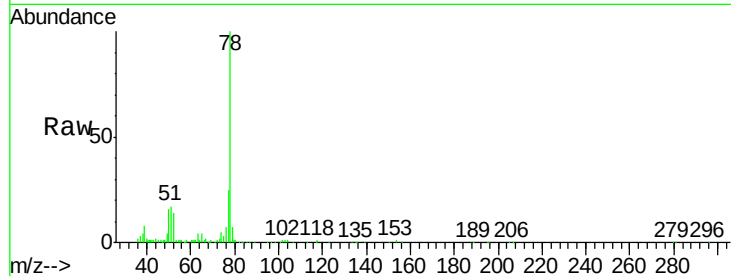
WP022MW359-190109

Tot Ion: 78 Resp: 54979

Ion Ratio Lower Upper

78 100

77 25.2 19.2 28.8



#50

Toluene-d8

Concen: 51.048 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007038.D

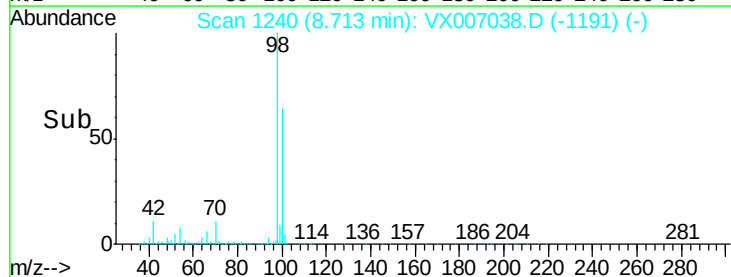
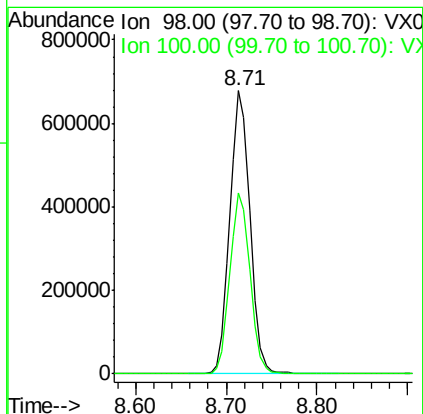
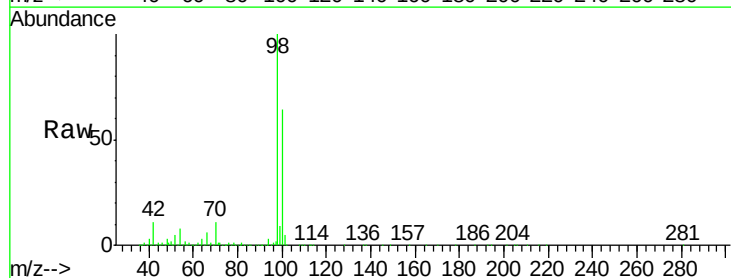
Acq: 14 Jan 2019 14:43

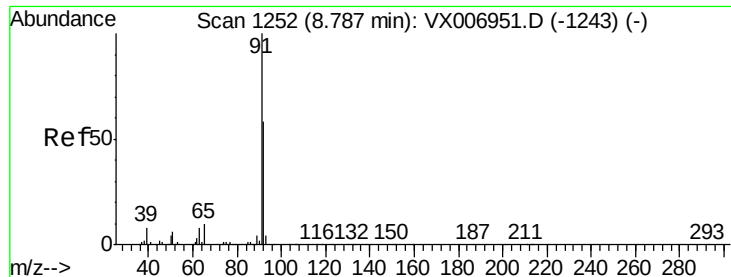
Tgt Ion: 98 Resp: 1048418

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#52

Toluene

Concen: 0.555 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007038.D

Acq: 14 Jan 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

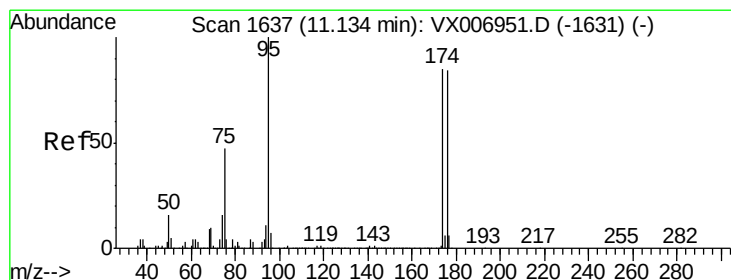
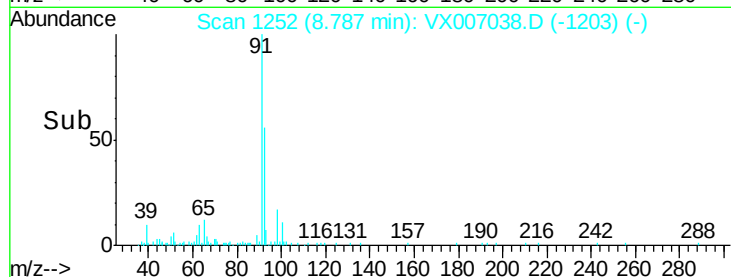
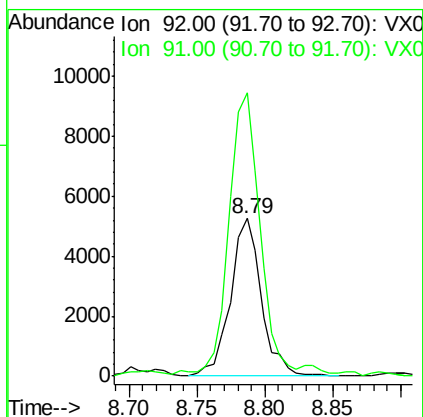
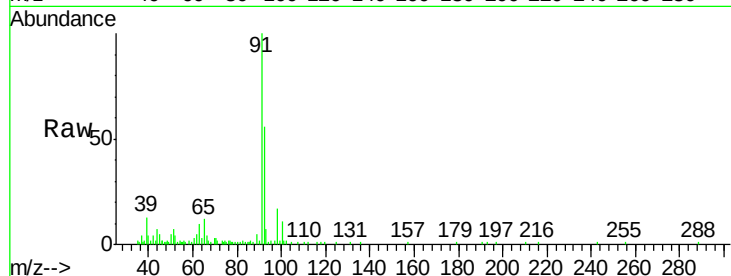
WP022MW359-190109

Tot Ion: 92 Resp: 8285

Ion Ratio Lower Upper

92 100

91 177.1 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 52.612 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007038.D

Acq: 14 Jan 2019 14:43

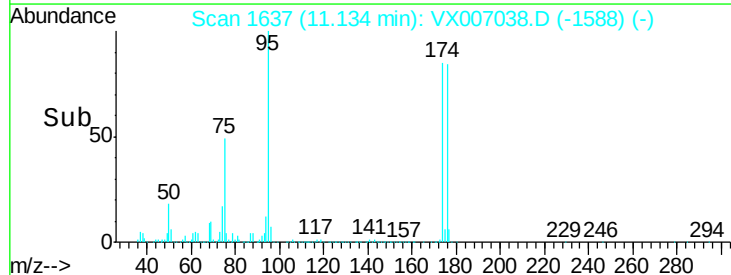
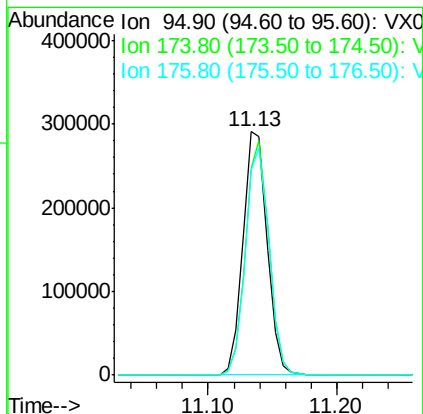
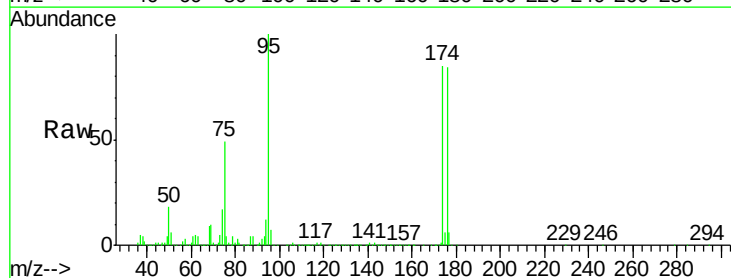
Tgt Ion: 95 Resp: 376701

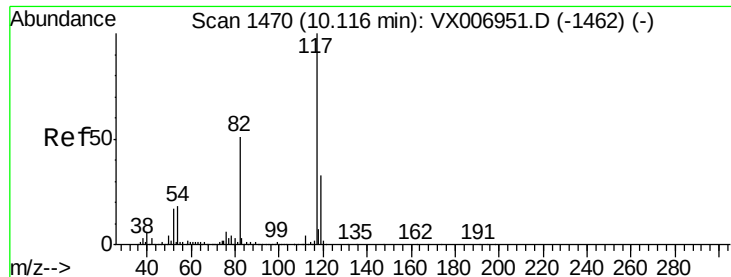
Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.2

176 90.4 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007038.D

Acq: 14 Jan 2019 14:43

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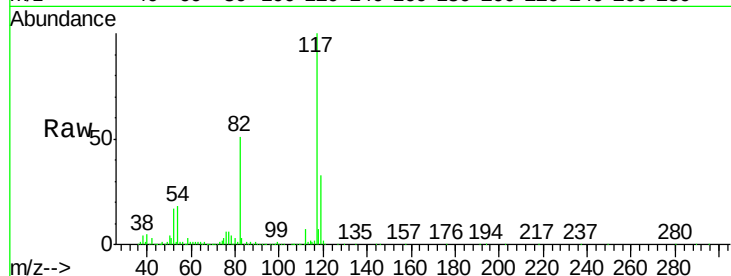
Tot Ion:117 Resp: 827101

Ion Ratio Lower Upper

117 100

82 51.2 41.0 61.6

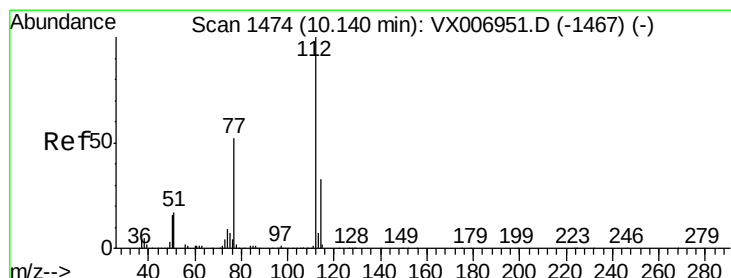
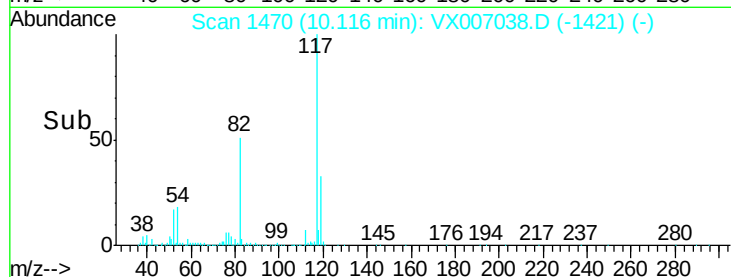
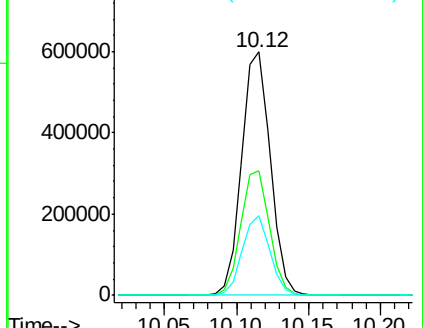
119 32.6 25.4 38.0



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



#65

Chlorobenzene

Concen: 102.390 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007038.D

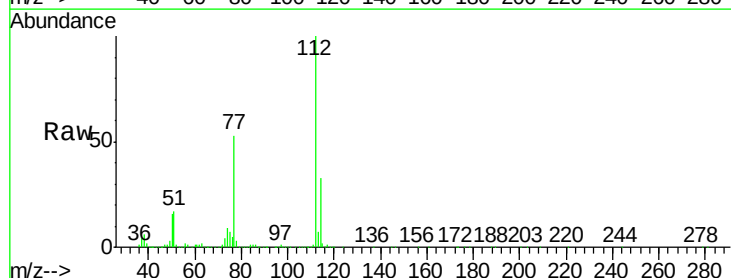
Acq: 14 Jan 2019 14:43

Tgt Ion:112 Resp: 1847061

Ion Ratio Lower Upper

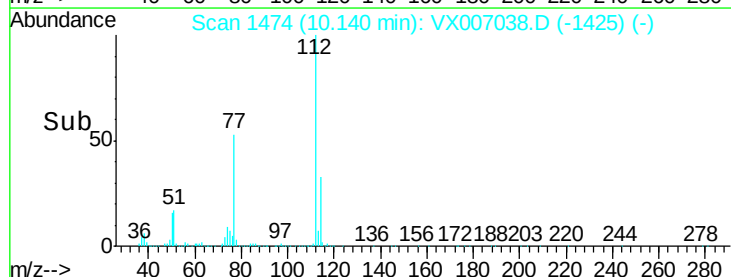
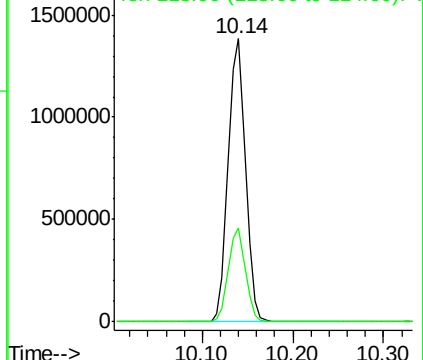
112 100

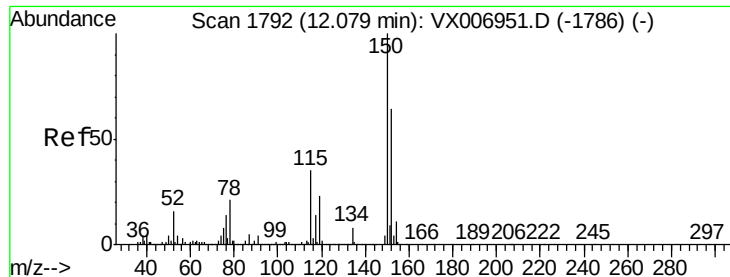
114 33.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VX007038.D

Acq: 14 Jan 2019 14:43

Instrument :

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WP022MW359-190109

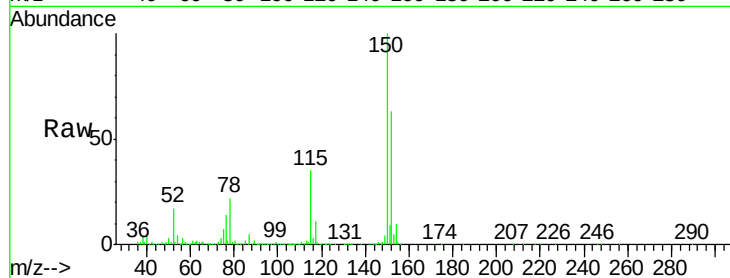
Tot Ion:152 Resp: 403960

Ion Ratio Lower Upper

152 100

115 55.2 39.1 117.2

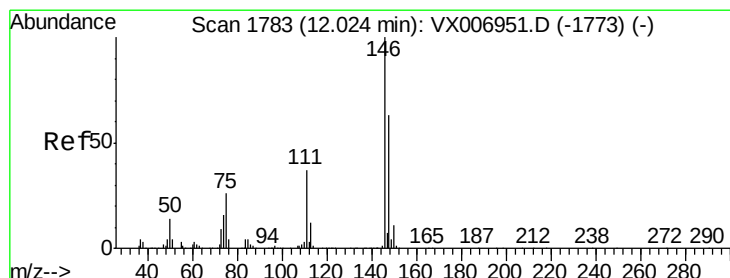
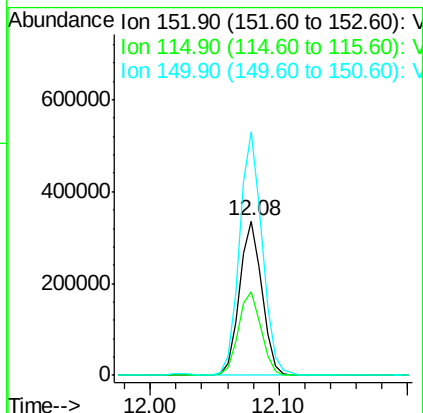
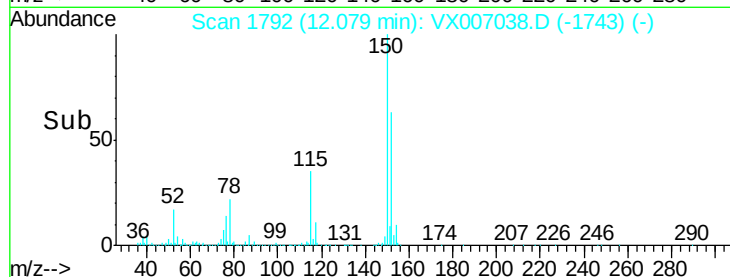
150 159.5 0.0 344.8



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



#87

1,3-Dichlorobenzene

Concen: 3.282 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007038.D

Acq: 14 Jan 2019 14:43

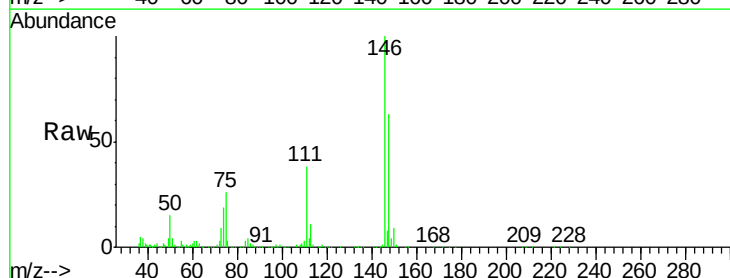
Tgt Ion:146 Resp: 46557

Ion Ratio Lower Upper

146 100

111 38.9 18.6 55.8

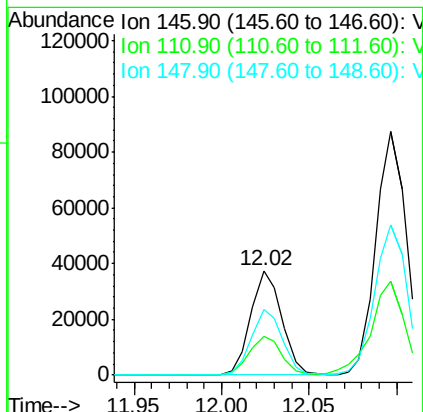
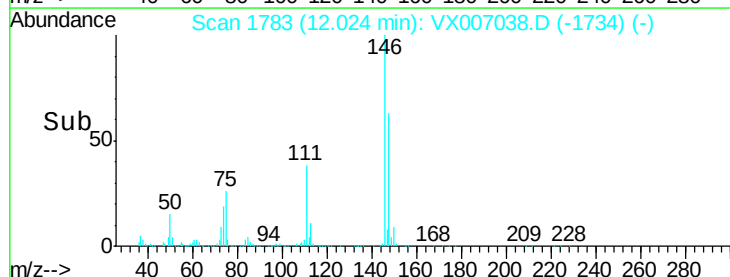
148 63.0 31.8 95.3

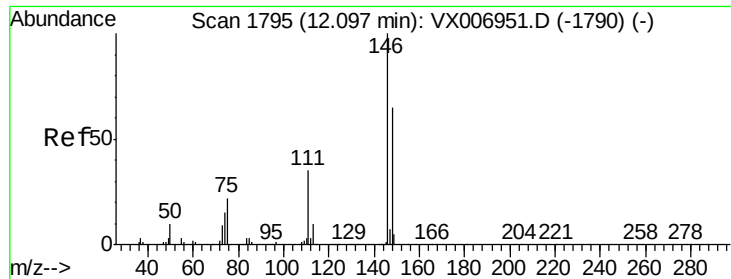


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

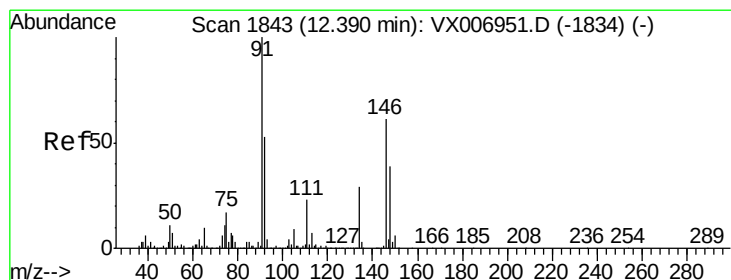
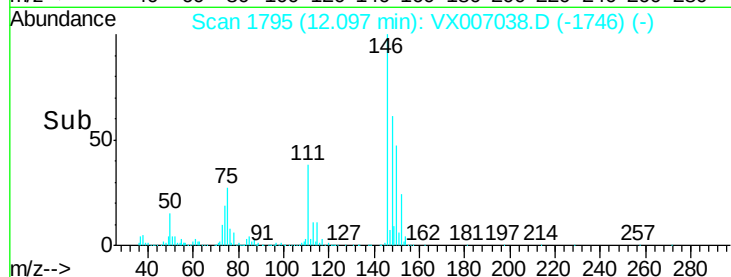
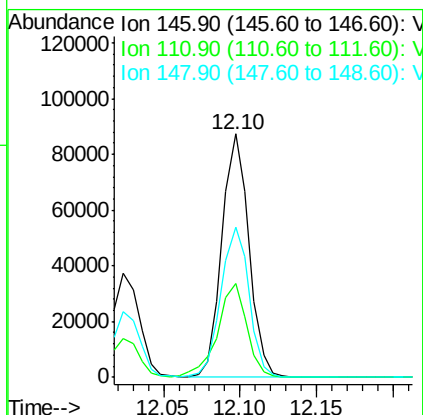
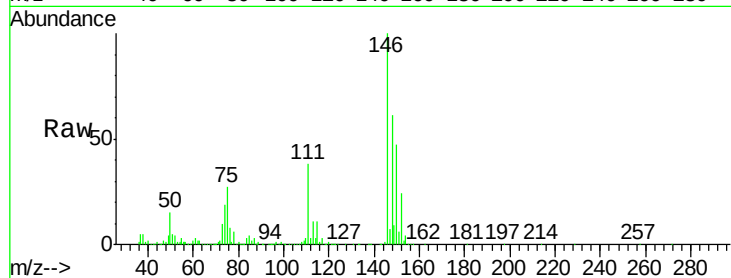




#88
 1,4-Dichlorobenzene
 Concen: 8.064 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007038.D
 Acq: 14 Jan 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	18.1	54.1
148	65.3	31.9	95.9



#91
 1,2-Dichlorobenzene
 Concen: 7.463 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007038.D
 Acq: 14 Jan 2019 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	64.0	32.3	96.9

