

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011119\
 Data File : VX007022.D
 Acq On : 11 Jan 2019 19:03
 Operator : JC/SP
 Sample : K1133-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-190109

Quant Time: Jan 14 09:32:30 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

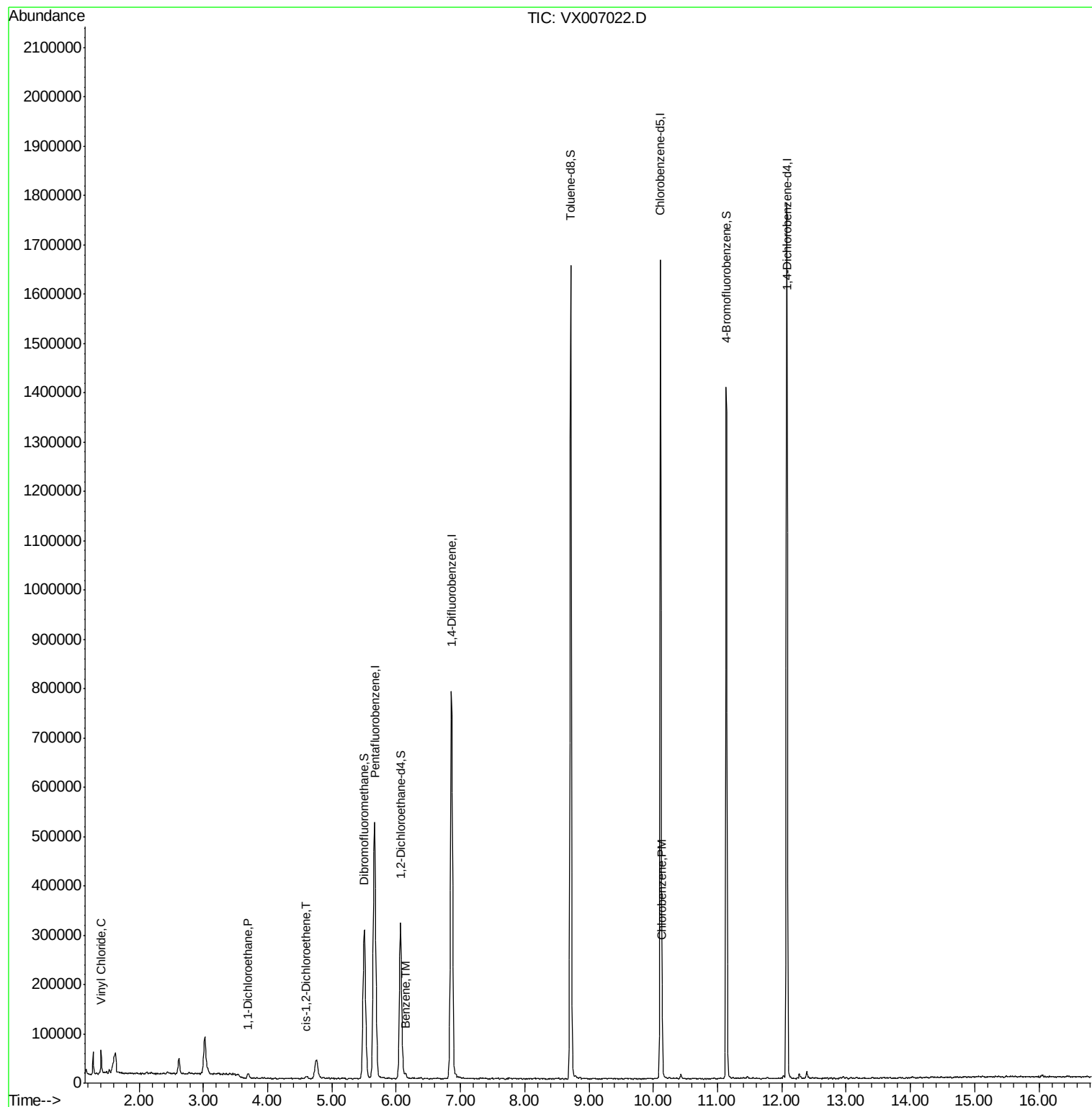
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	540517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	849170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	794616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	389647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	293172	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
35) Dibromofluoromethane	5.50	113	259143	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
50) Toluene-d8	8.71	98	1008176	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.13	95	364774	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
Target Compounds						
4) Vinyl Chloride	1.41	62	29296	5.271	ug/l	100
24) 1,1-Dichloroethane	3.70	63	10045	1.122	ug/l #	97
27) cis-1,2-Dichloroethene	4.60	96	2734	0.448	ug/l	97
40) Benzene	6.14	78	10775	0.478	ug/l	95
65) Chlorobenzene	10.14	112	49096	2.833	ug/l	98

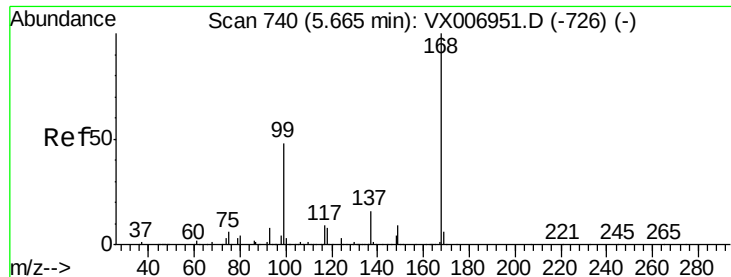
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007022.D

Acq: 11 Jan 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

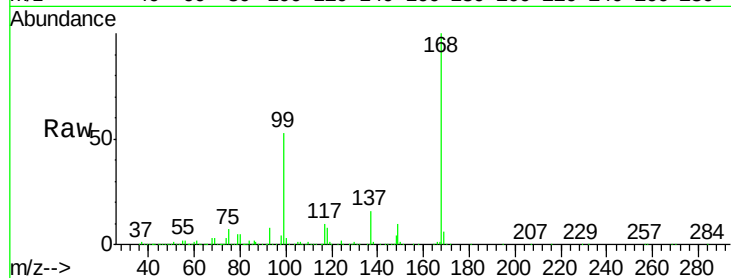
WP022RW358-190109

Tot Ion:168 Resp: 540517

Ion Ratio Lower Upper

168 100

99 52.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

100000

50000

0

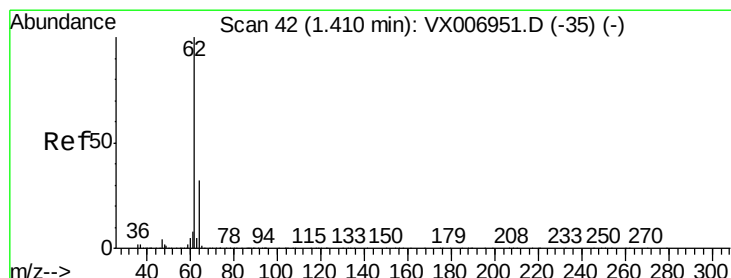
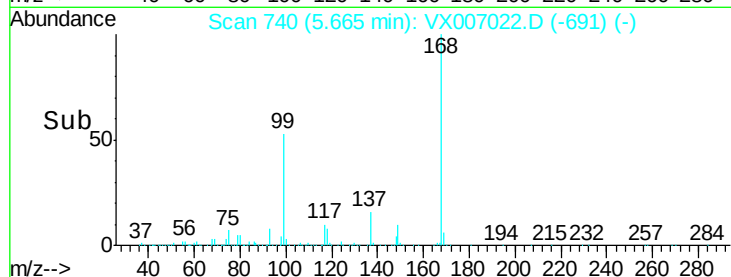
Time-->

5.50

5.60

5.70

5.80



#4

Vinyl Chloride

Concen: 5.271 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007022.D

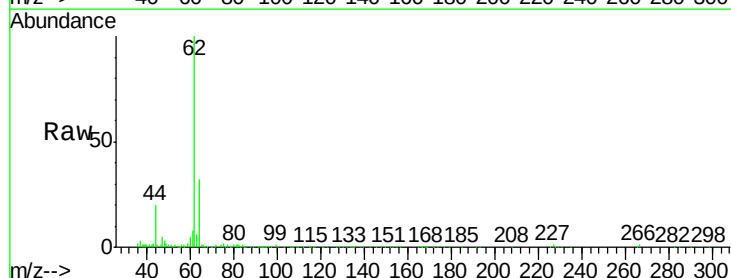
Acq: 11 Jan 2019 19:03

Tgt Ion: 62 Resp: 29296

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

30000

25000

20000

15000

10000

5000

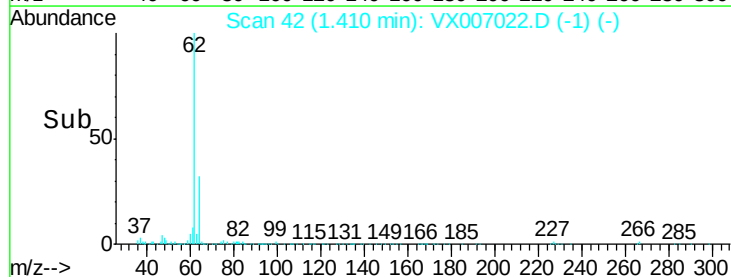
0

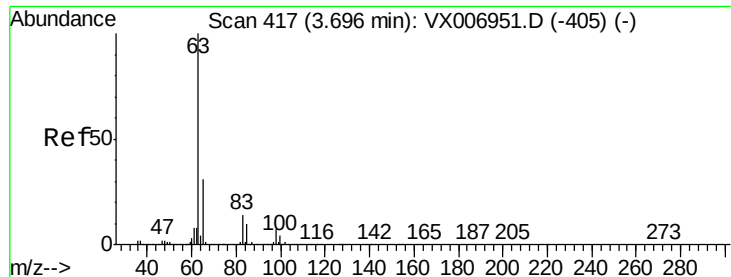
Time-->

1.35

1.40

1.45





#24

1,1-Dichloroethane

Concen: 1.122 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007022.D

Acq: 11 Jan 2019 19:03

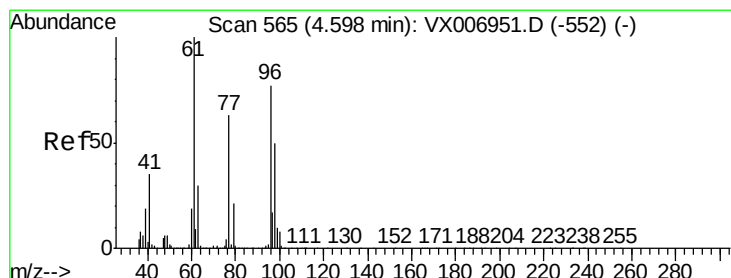
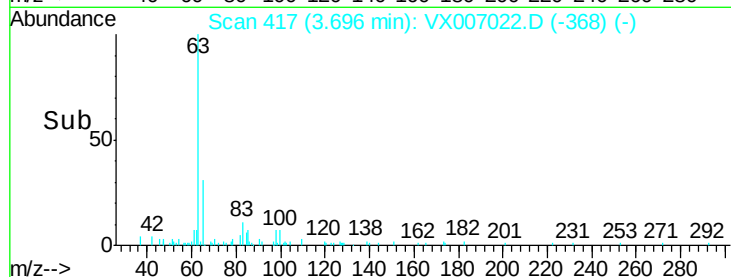
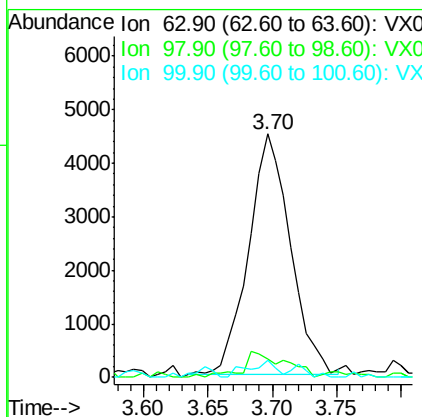
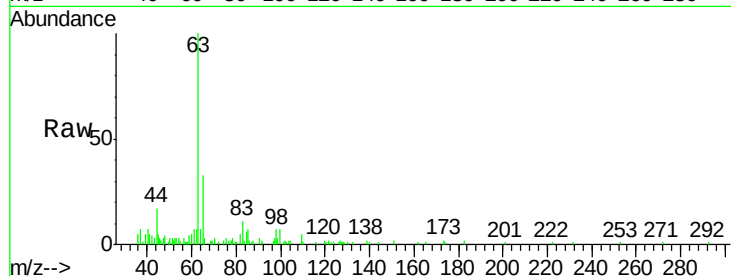
Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-190109

Tot Ion:	63	Resp:	10045
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.9	11.5
100	7.3	2.4	7.2#



#27

cis-1,2-Dichloroethene

Concen: 0.448 ug/l

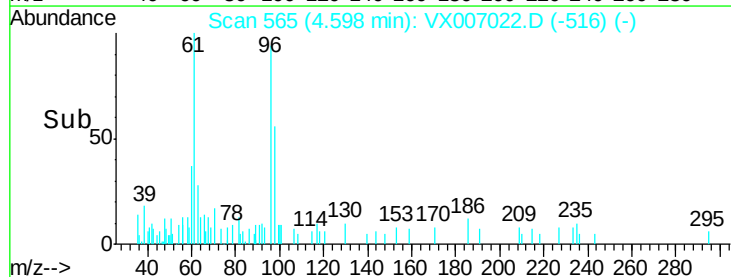
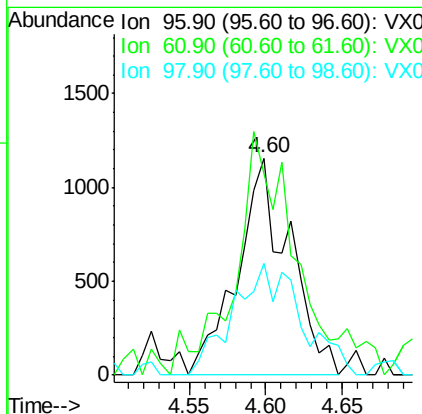
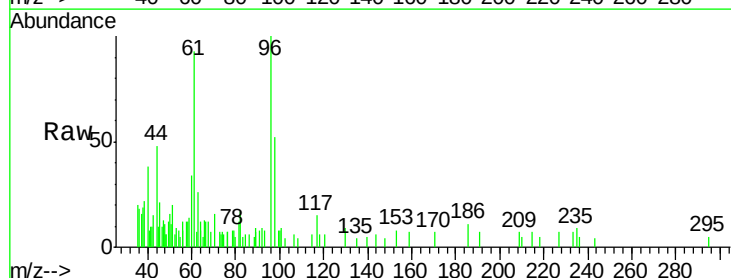
RT: 4.60 min Scan# 565

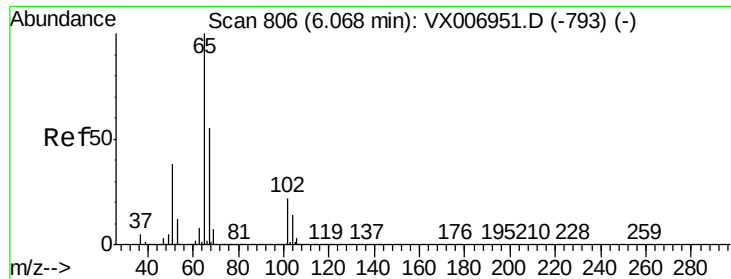
Delta R.T. 0.00 min

Lab File: VX007022.D

Acq: 11 Jan 2019 19:03

Tgt Ion:	96	Resp:	2734
Ion	Ratio	Lower	Upper
96	100		
61	124.3	0.0	258.6
98	67.4	0.0	132.0

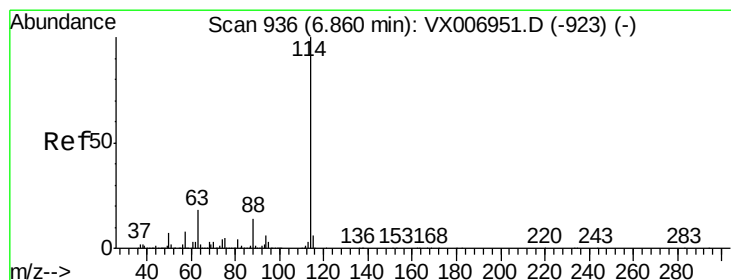
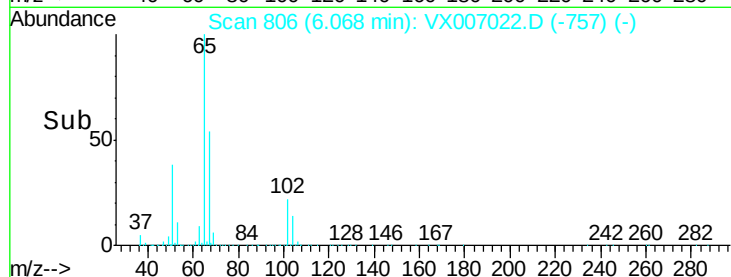
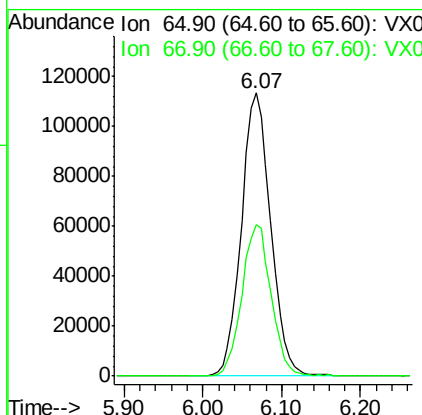
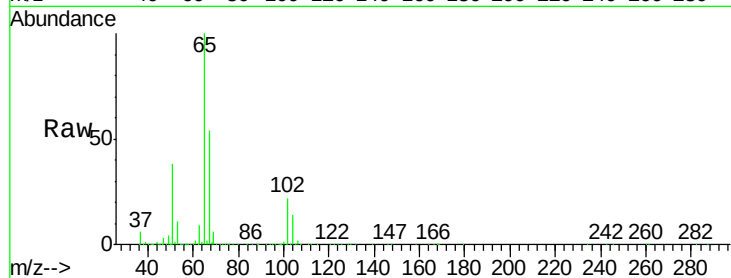




#33
 1,2-Dichloroethane-d4
 Concen: 51.899 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007022.D
 Acq: 11 Jan 2019 19:03

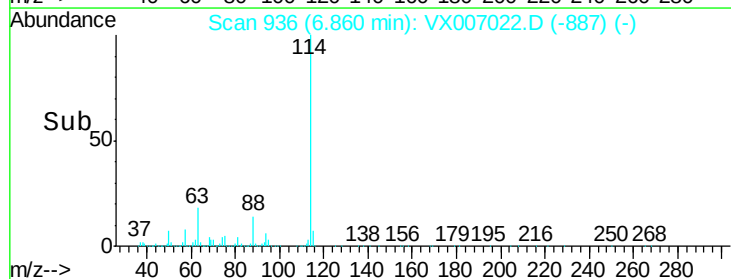
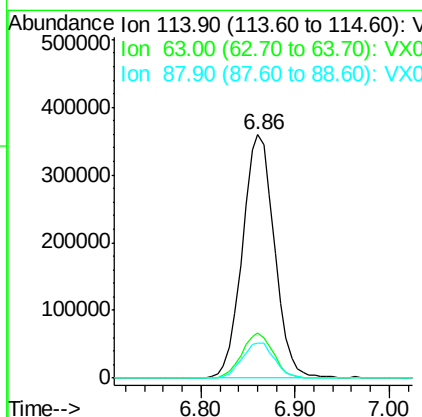
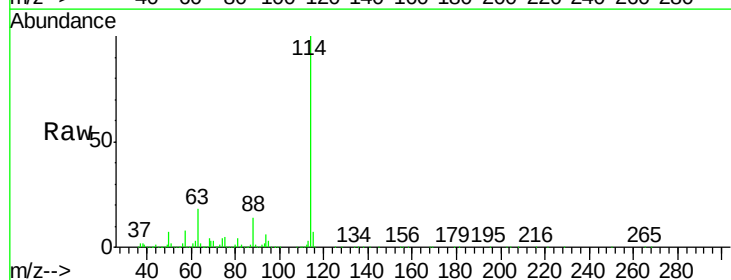
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-190109

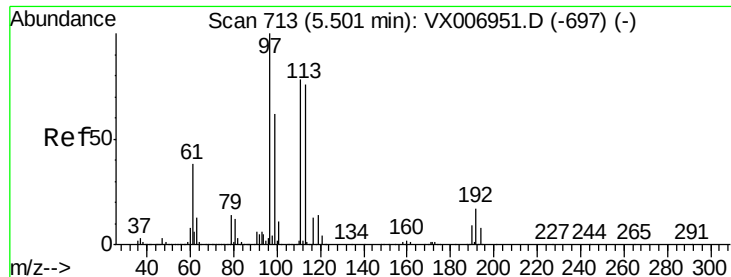
Tot Ion: 65 Resp: 293172
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007022.D
 Acq: 11 Jan 2019 19:03

Tgt Ion: 114 Resp: 849170
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.8
 88 14.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.654 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007022.D

Acq: 11 Jan 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-190109

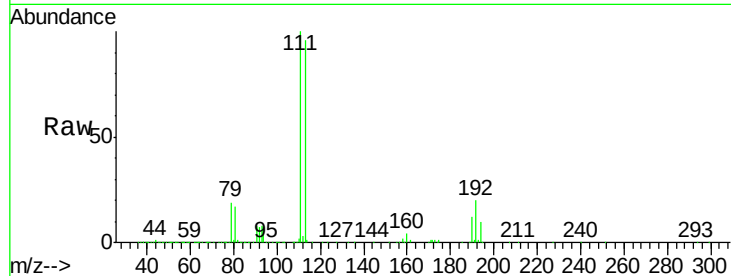
Tot Ion:113 Resp: 259143

Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

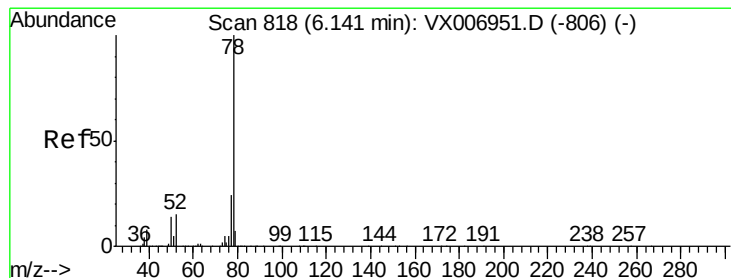
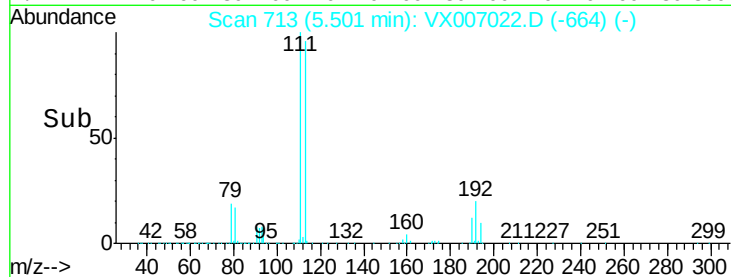
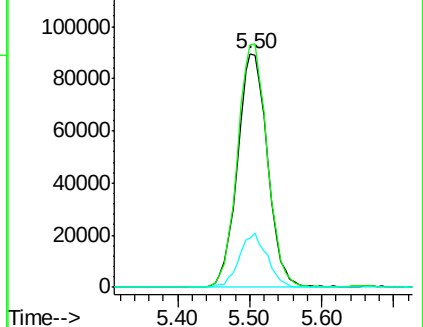
192 21.6 16.7 25.1



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



#40

Benzene

Concen: 0.478 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX007022.D

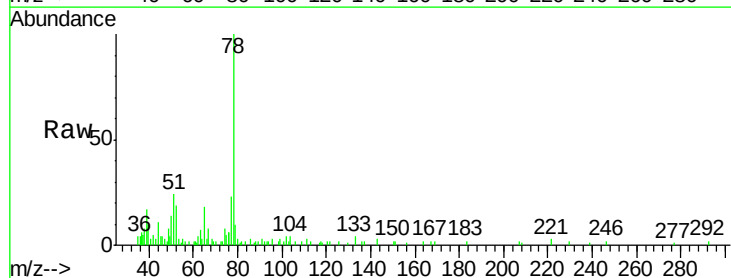
Acq: 11 Jan 2019 19:03

Tgt Ion: 78 Resp: 10775

Ion Ratio Lower Upper

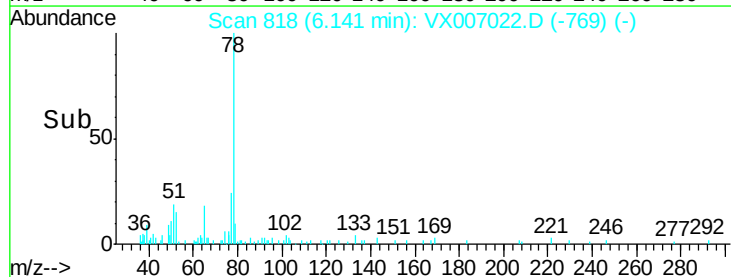
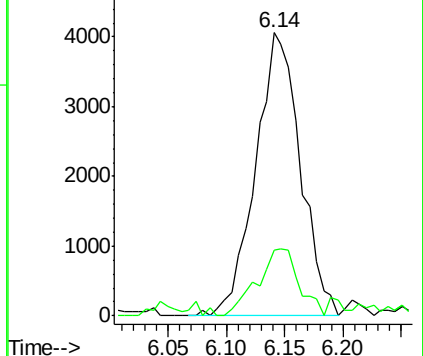
78 100

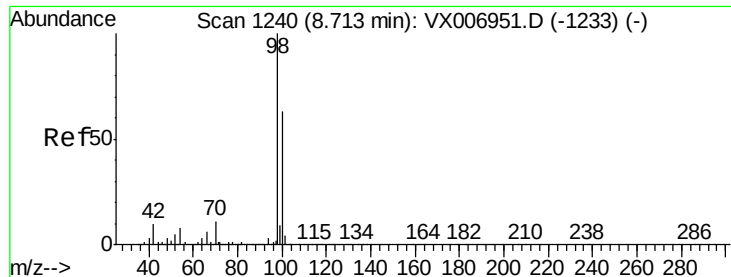
77 21.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 50.650 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007022.D

Acq: 11 Jan 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

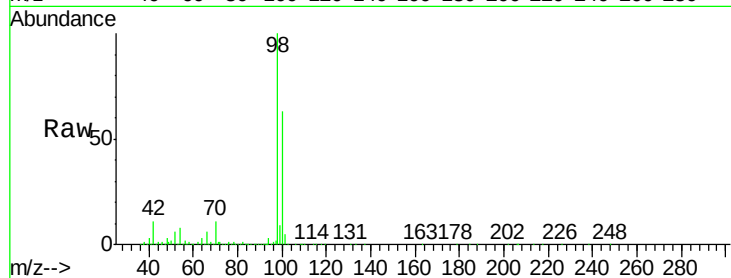
WP022RW358-190109

Tot Ion: 98 Resp: 1008176

Ion Ratio Lower Upper

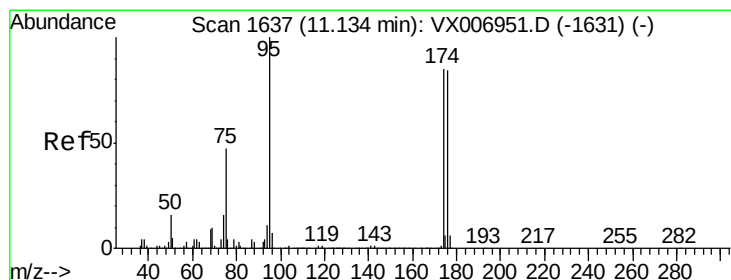
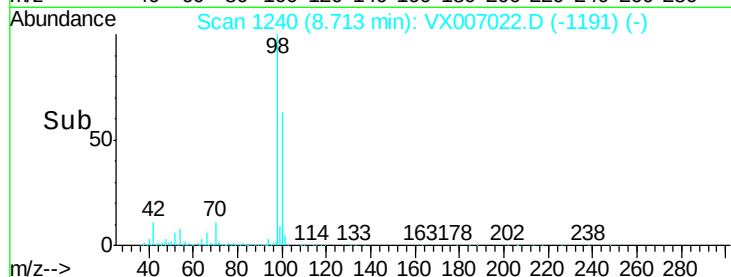
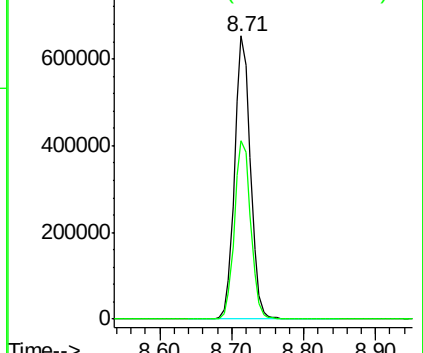
98 100

100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 52.566 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007022.D

Acq: 11 Jan 2019 19:03

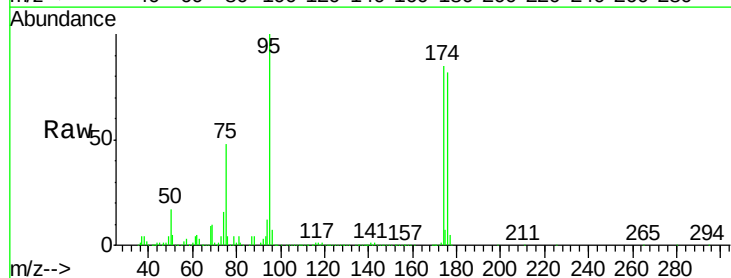
Tgt Ion: 95 Resp: 364774

Ion Ratio Lower Upper

95 100

174 91.5 0.0 182.2

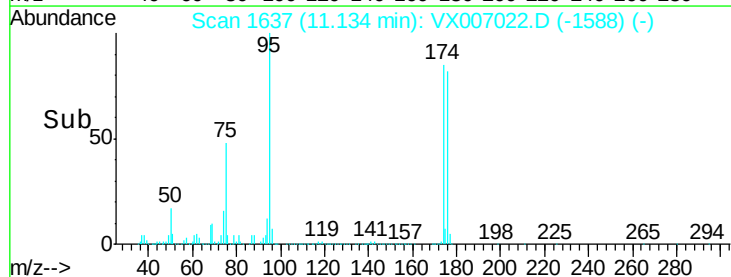
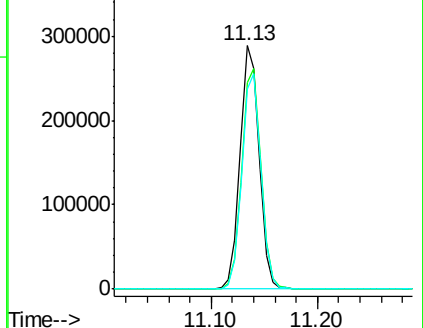
176 88.6 0.0 178.8

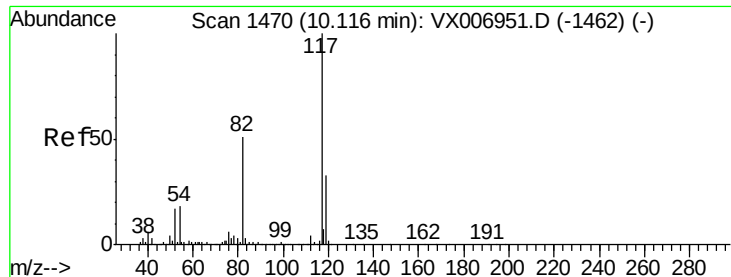


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

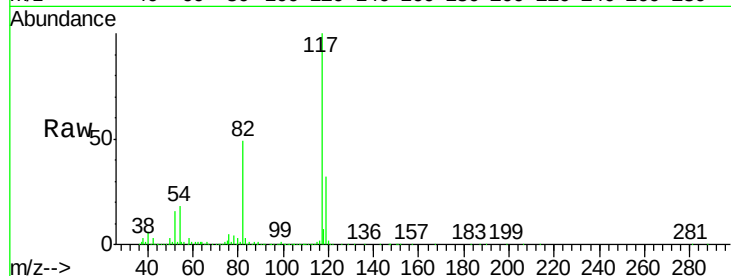




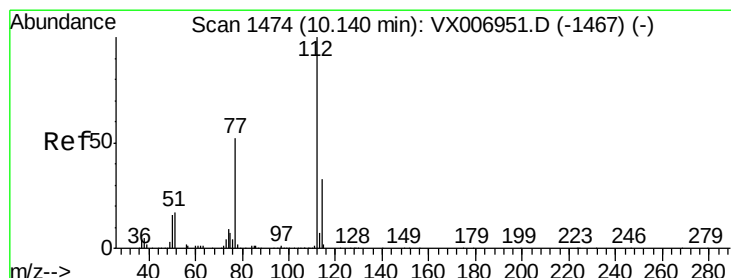
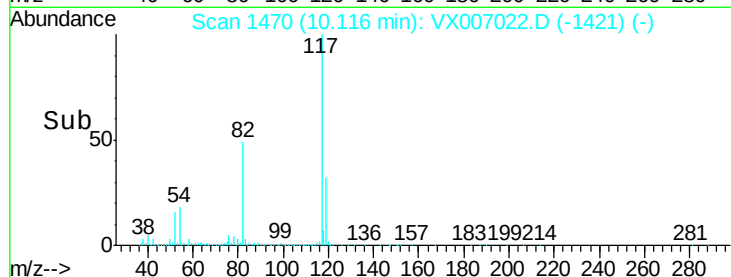
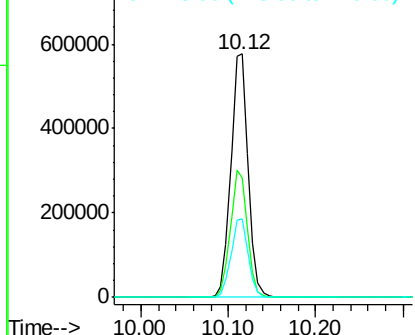
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007022.D
Acq: 11 Jan 2019 19:03

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-190109

Tot Ion:117 Resp: 794616
Ion Ratio Lower Upper
117 100
82 48.8 41.0 61.6
119 32.1 25.4 38.0

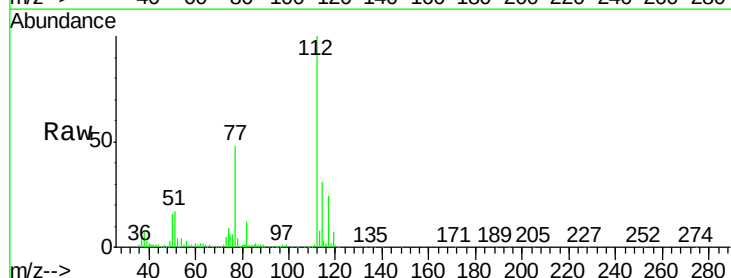


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

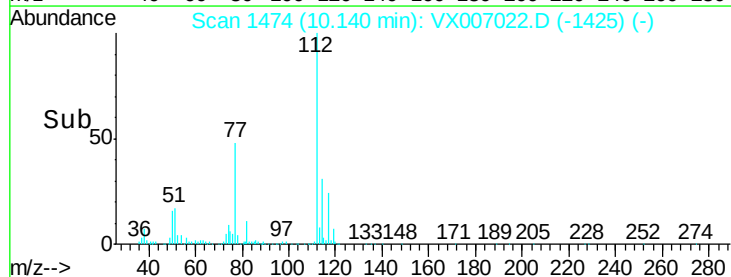
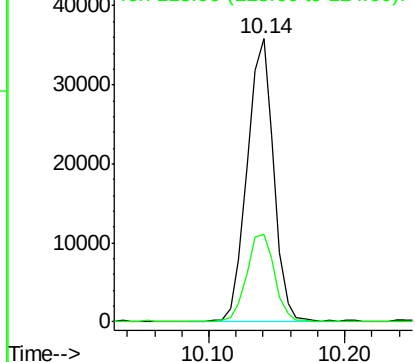


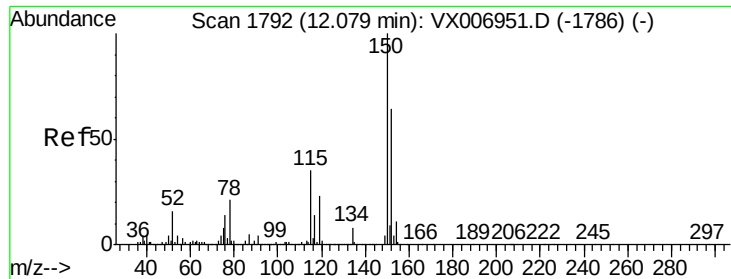
#65
Chlorobenzene
Concen: 2.833 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007022.D
Acq: 11 Jan 2019 19:03

Tgt Ion:112 Resp: 49096
Ion Ratio Lower Upper
112 100
114 30.8 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: VX007022.D

Acq: 11 Jan 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-190109

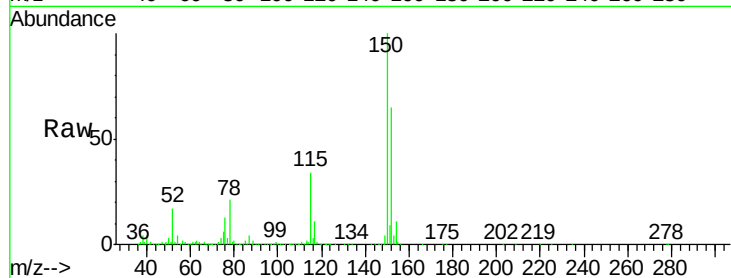
Tot Ion:152 Resp: 389647

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.2

150 157.3 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

