

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007836.D
 Acq On : 05 Mar 2019 14:48
 Operator : JC/SP
 Sample : K1659-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T5-OZ(POST-HYPO)

Quant Time: Mar 06 00:34:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	130976	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	6.83	114	99476	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.11	117	226764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162385	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	7330	4.52	ug/l	-0.04
Spiked Amount			Recovery	=		9.04%
35) Dibromofluoromethane	5.45	113	5912	8.89	ug/l	-0.05
Spiked Amount			Recovery	=		17.78%
50) Toluene-d8	8.70	98	253431	99.55	ug/l	-0.01
Spiked Amount			Recovery	=		199.10%
62) 4-Bromofluorobenzene	11.13	95	136502	146.09	ug/l	0.00
Spiked Amount			Recovery	=		292.18%

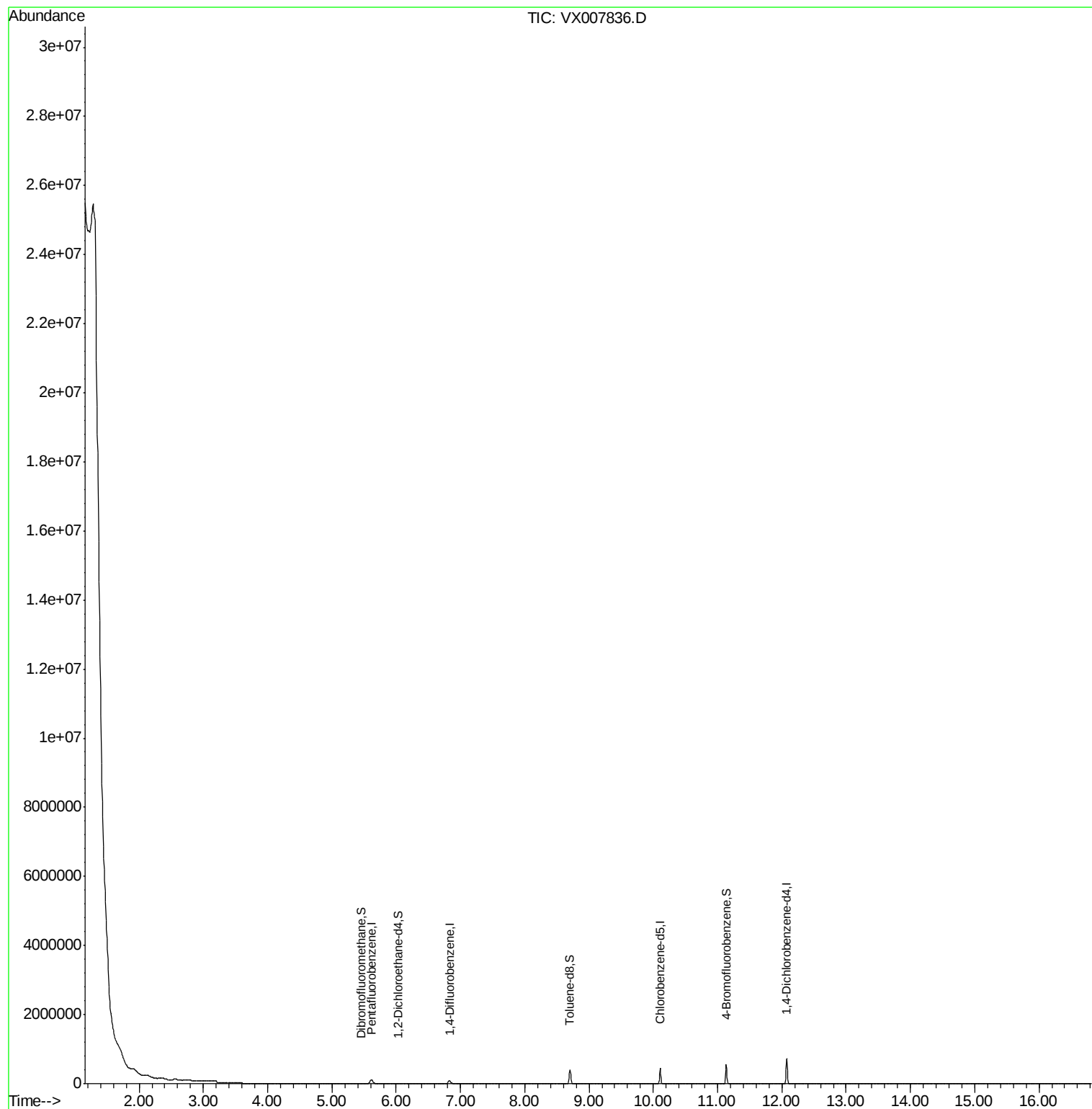
Target Compounds	Qvalue
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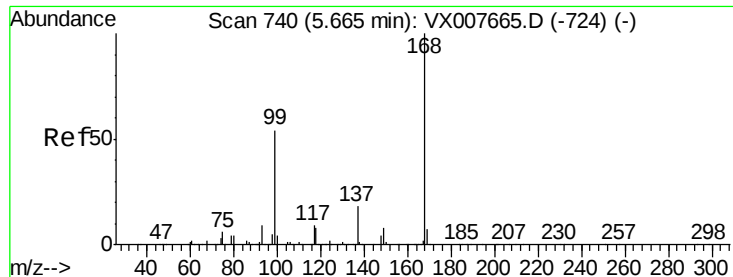
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 732

Delta R.T. -0.05 min

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Acq: 05 Mar 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

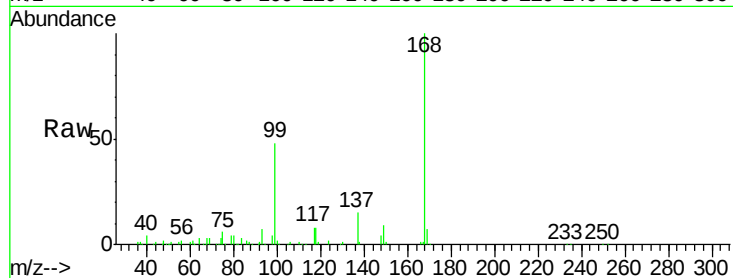
M1-T5-OZ(POST-HYPO)

Tot Ion:168 Resp: 130976

Ion Ratio Lower Upper

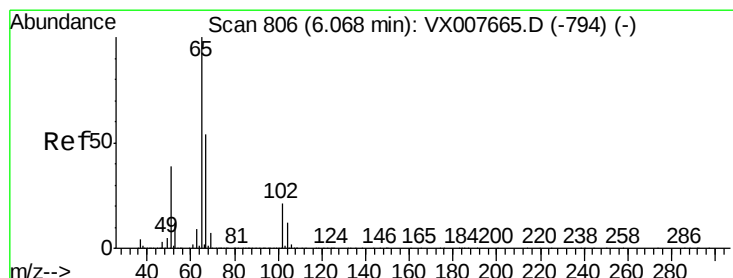
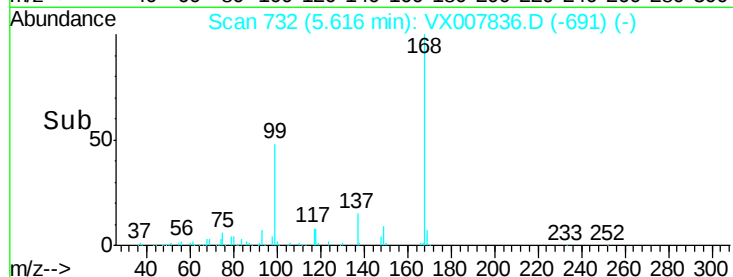
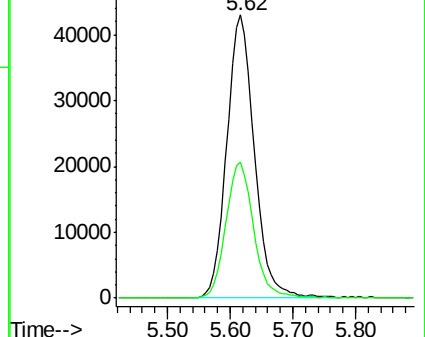
168 100

99 48.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 4.518 ug/l

RT: 6.03 min Scan# 800

Delta R.T. -0.04 min

Lab File: VX007836.D

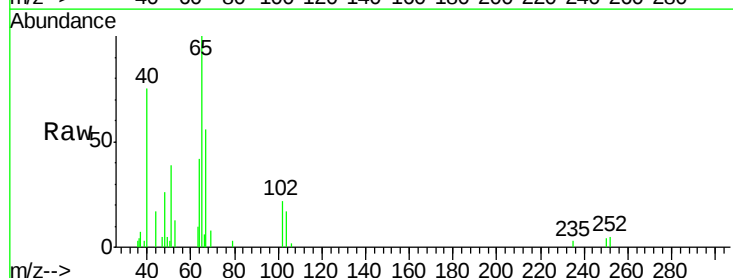
Acq: 05 Mar 2019 14:48

Tgt Ion: 65 Resp: 7330

Ion Ratio Lower Upper

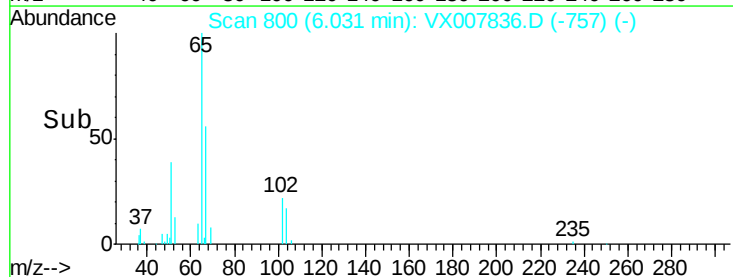
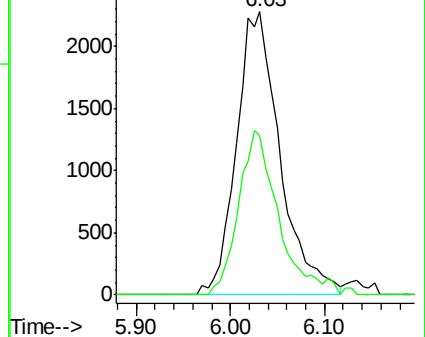
65 100

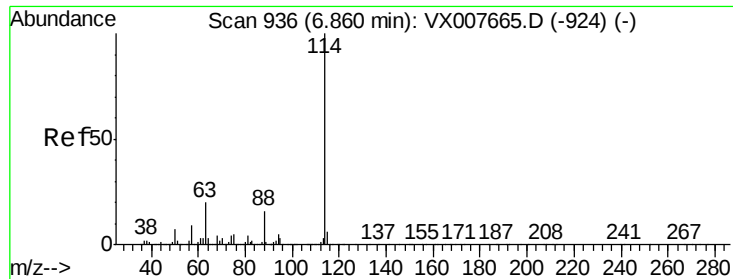
67 53.3 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 931

Delta R.T. -0.03 min

Lab File: VX007836.D

Acq: 05 Mar 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

M1-T5-OZ(POST-HYPO)

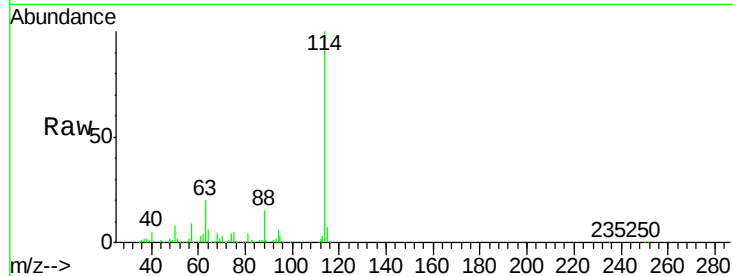
Tot Ion:114 Resp: 99476

Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.6

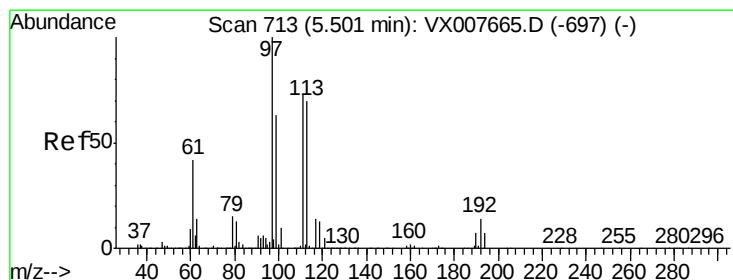
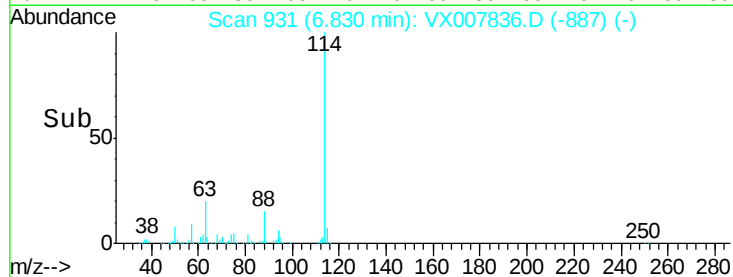
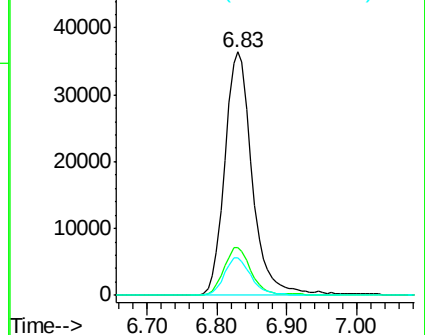
88 15.4 0.0 29.6



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: 8.891 ug/l

RT: 5.45 min Scan# 704

Delta R.T. -0.05 min

Lab File: VX007836.D

Acq: 05 Mar 2019 14:48

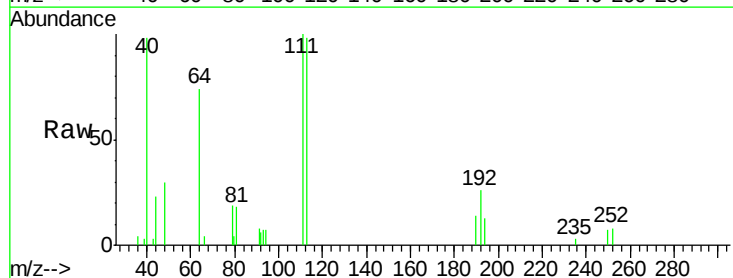
Tgt Ion:113 Resp: 5912

Ion Ratio Lower Upper

113 100

111 105.4 81.8 122.8

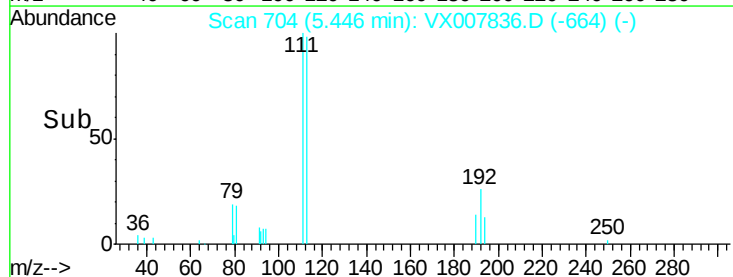
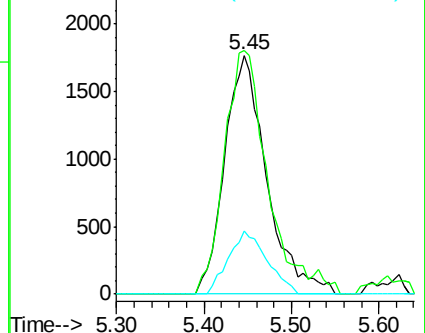
192 24.2 18.5 27.7



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

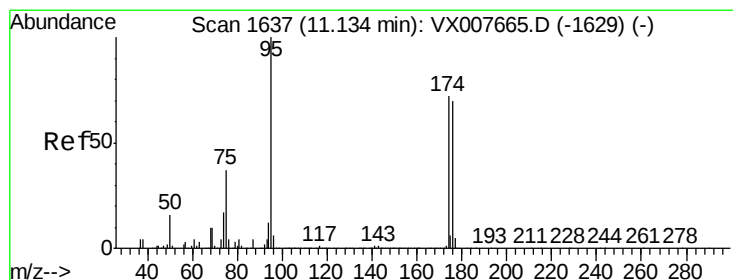
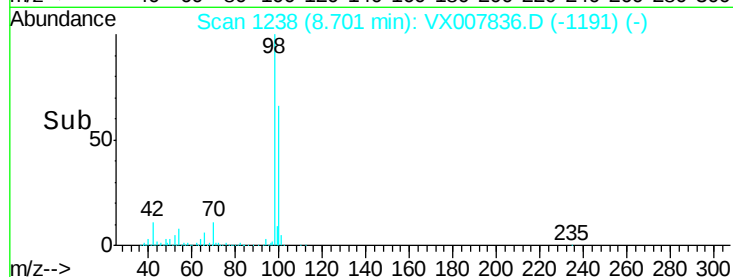
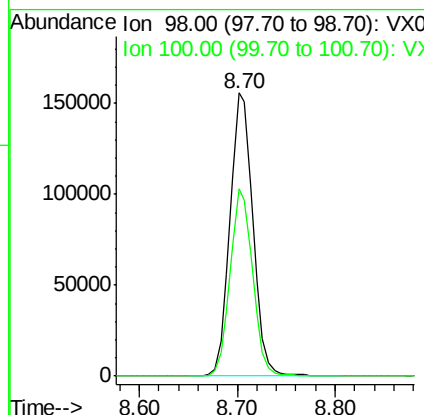
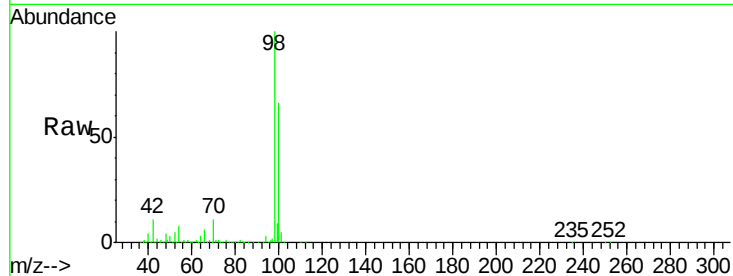




#50
Toluene-d8
Concen: 99.551 ug/l
RT: 8.70 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VX007836.D
Acq: 05 Mar 2019 14:48

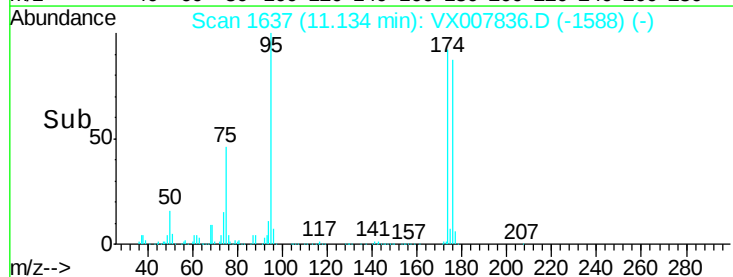
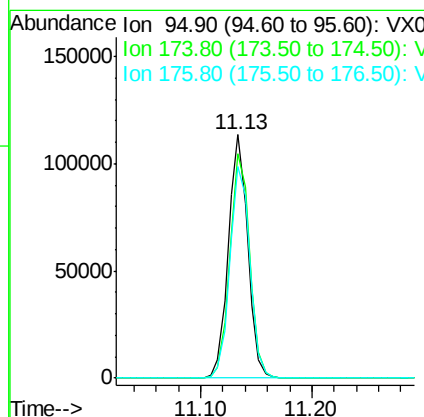
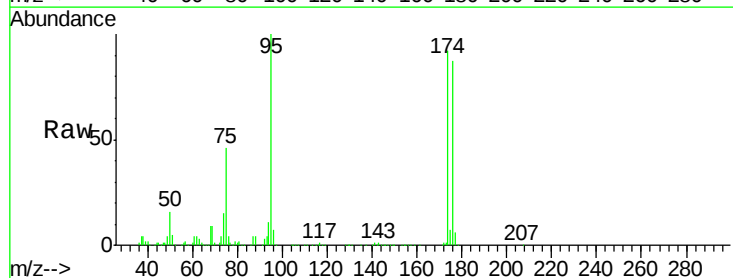
Instrument :
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M1-T5-OZ(POST-HYPO)

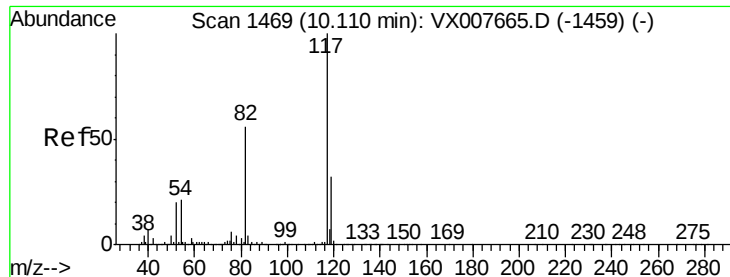
Tot Ion: 98 Resp: 253431
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 146.088 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007836.D
Acq: 05 Mar 2019 14:48

Tgt Ion: 95 Resp: 136502
Ion Ratio Lower Upper
95 100
174 94.6 0.0 189.2
176 89.8 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007836.D

Acq: 05 Mar 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

M1-T5-OZ(POST-HYPO)

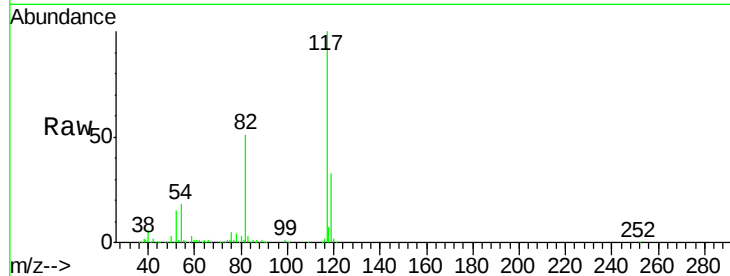
Tot Ion:117 Resp: 226764

Ion Ratio Lower Upper

117 100

82 51.1 42.1 63.1

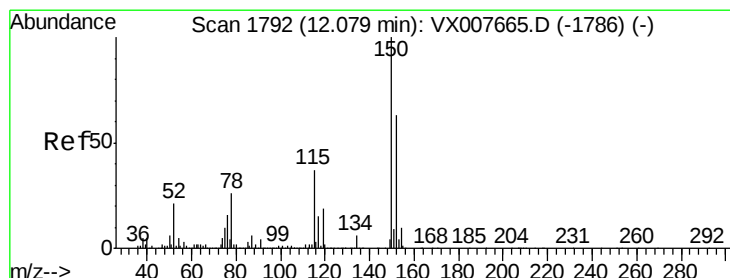
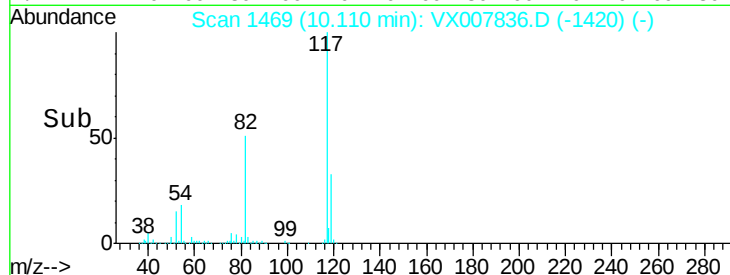
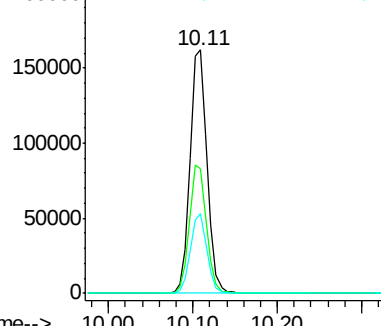
119 32.7 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX007836.D

Acq: 05 Mar 2019 14:48

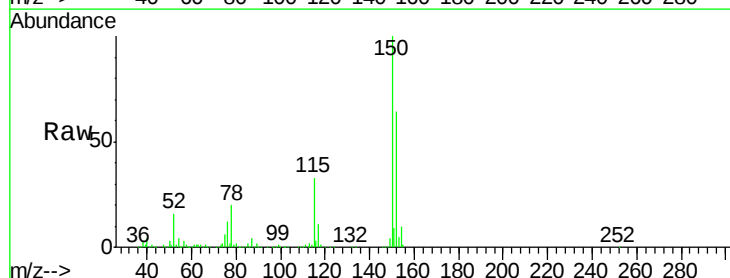
Tgt Ion:152 Resp: 162385

Ion Ratio Lower Upper

152 100

115 54.8 38.0 114.0

150 157.4 0.0 346.4



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

