

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007885.D
 Acq On : 07 Mar 2019 15:51
 Operator : JC/SP
 Sample : K1659-10RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T5-UV(POST-HYPO)RE

Quant Time: Mar 08 06:32:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	60235	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	6.83	114	28533	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.11	117	128920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117843	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	2448	3.85	ug/l	-0.05
Spiked Amount			Recovery	=	7.70%	
35) Dibromofluoromethane	5.45	113	1588	8.70	ug/l	-0.05
Spiked Amount			Recovery	=	17.40%	
50) Toluene-d8	8.70	98	136800	204.09	ug/l	-0.01
Spiked Amount			Recovery	=	408.18%	
62) 4-Bromofluorobenzene	11.13	95	90450	384.88	ug/l	0.00
Spiked Amount			Recovery	=	769.76%	

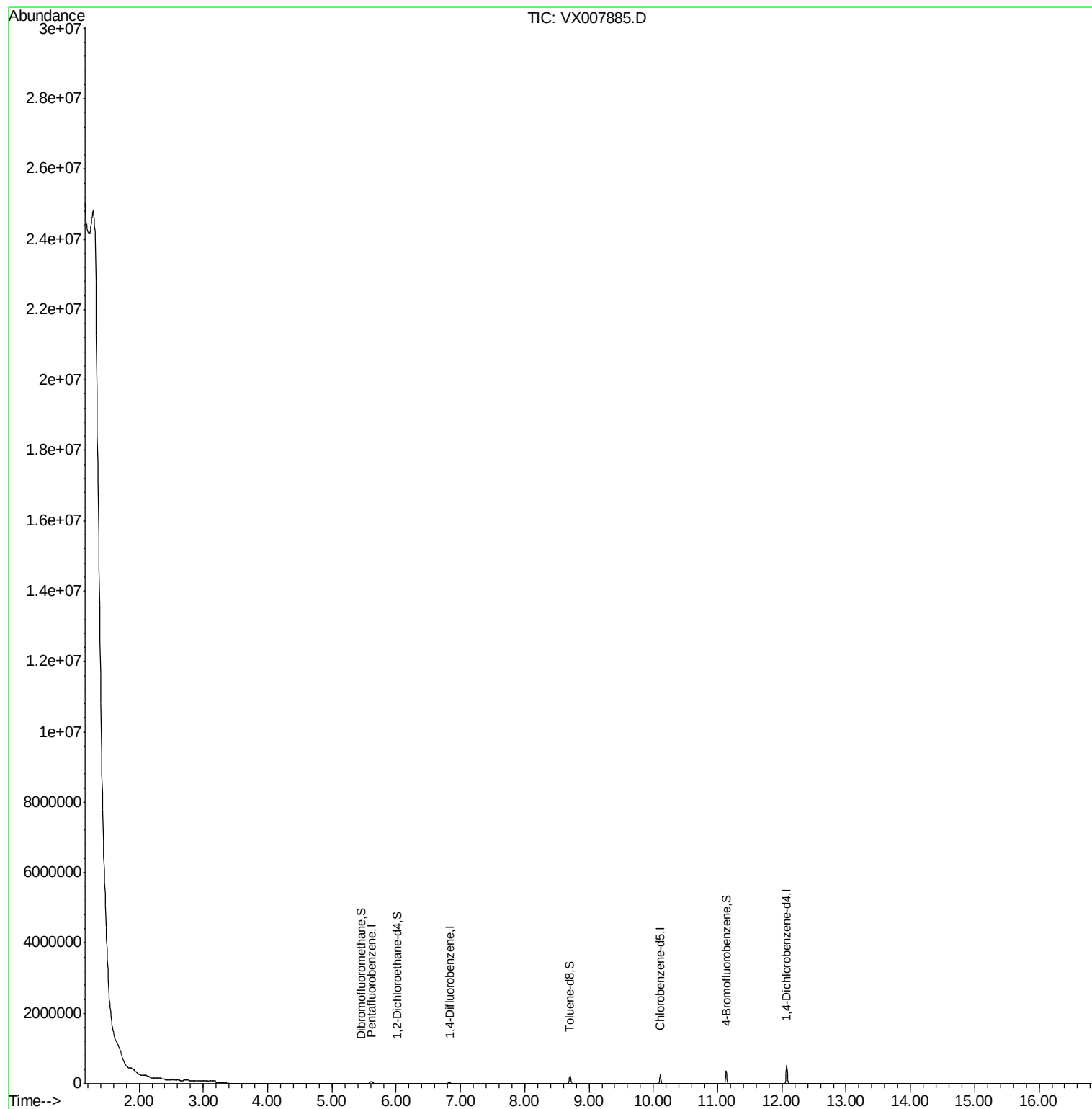
Target Compounds	Qvalue
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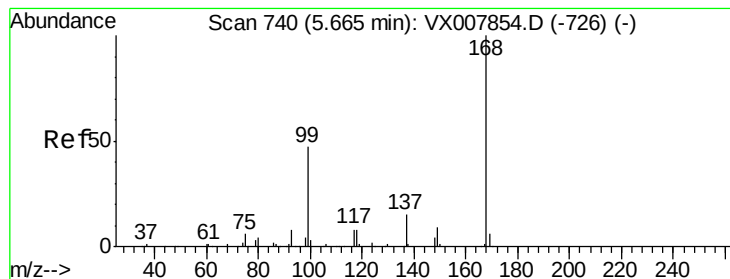
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 731

Delta R.T. -0.05 min

Lab File: VX007885.D

Acq: 07 Mar 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

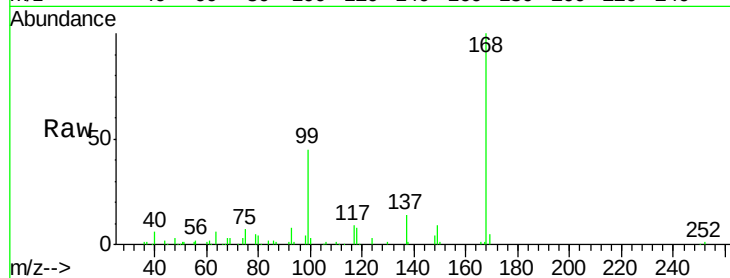
M1-T5-UV(POST-HYPO)RE

Tot Ion:168 Resp: 60235

Ion Ratio Lower Upper

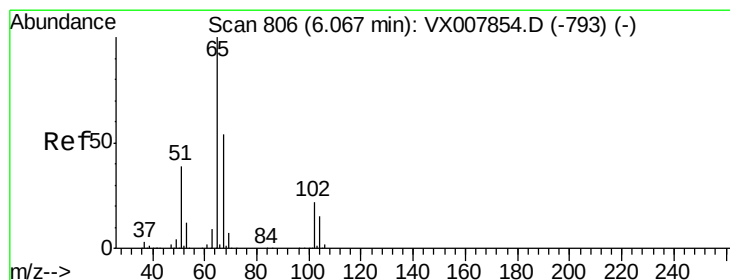
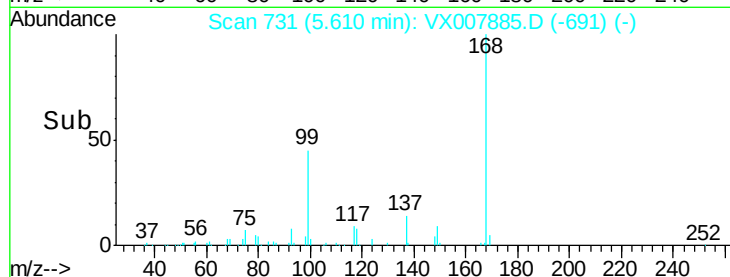
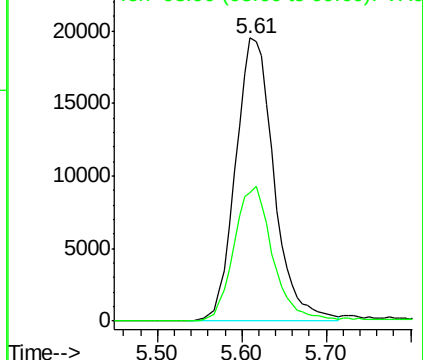
168 100

99 45.4 37.6 56.4



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: 3.853 ug/l

RT: 6.02 min Scan# 798

Delta R.T. -0.05 min

Lab File: VX007885.D

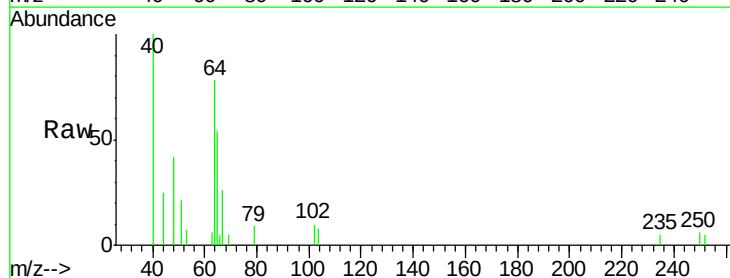
Acq: 07 Mar 2019 15:51

Tgt Ion: 65 Resp: 2448

Ion Ratio Lower Upper

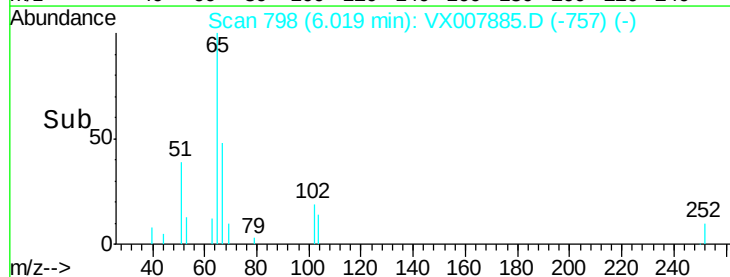
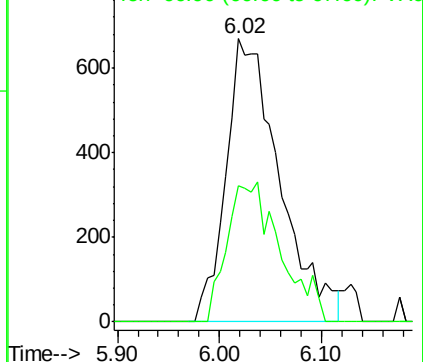
65 100

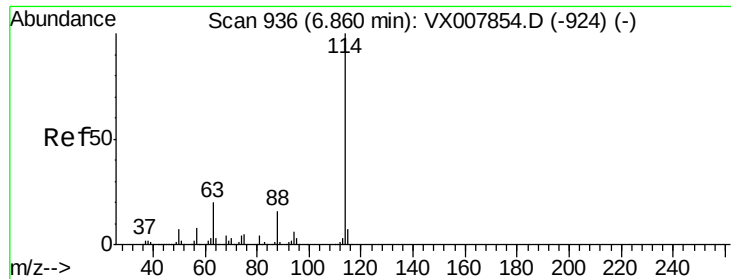
67 48.9 0.0 110.0



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: VX007885.D

Acq: 07 Mar 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

M1-T5-UV(POST-HYPO)RE

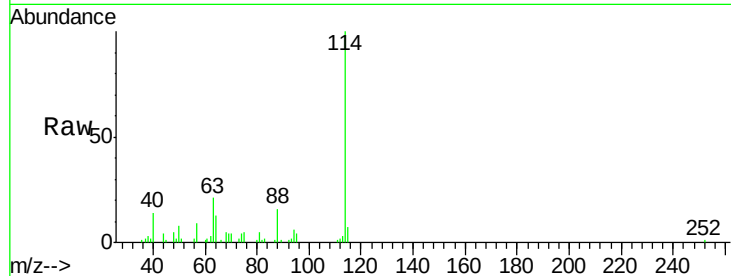
Tot Ion:114 Resp: 28533

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.8

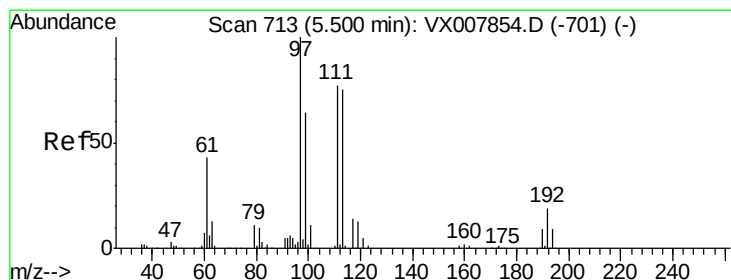
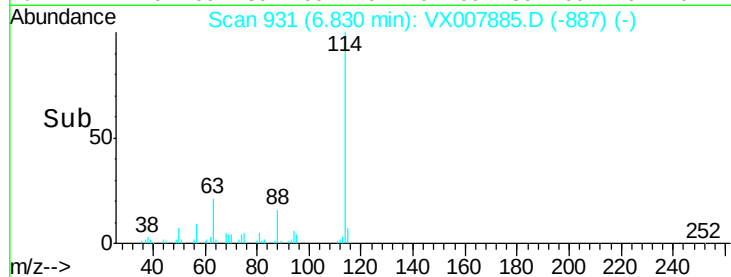
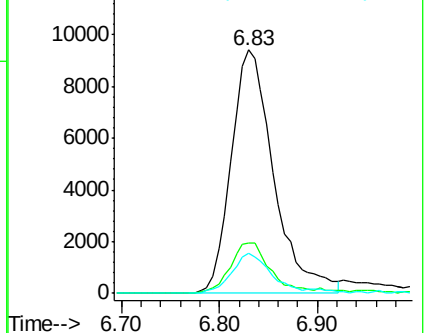
88 16.4 0.0 31.4



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: 8.701 ug/l

RT: 5.45 min Scan# 705

Delta R.T. -0.05 min

Lab File: VX007885.D

Acq: 07 Mar 2019 15:51

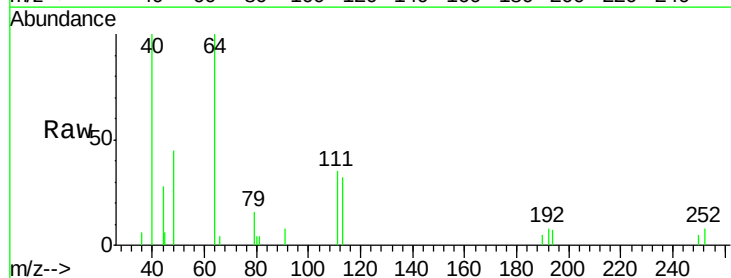
Tgt Ion:113 Resp: 1588

Ion Ratio Lower Upper

113 100

111 106.3 81.4 122.0

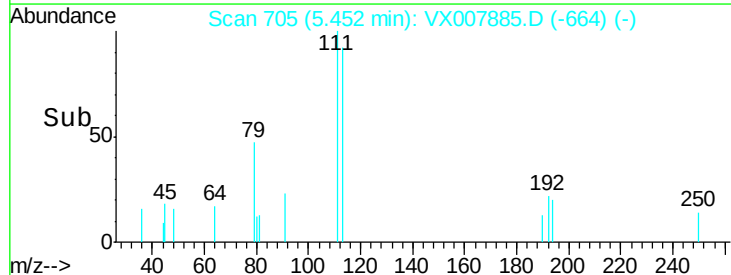
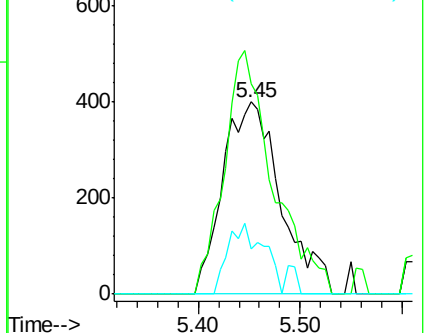
192 22.8 19.4 29.0

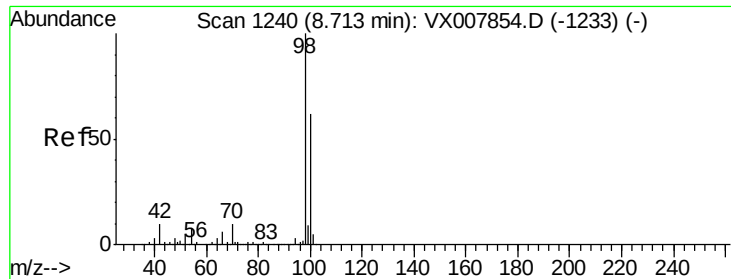


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 204.088 ug/l

RT: 8.70 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VX007885.D

Acq: 07 Mar 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

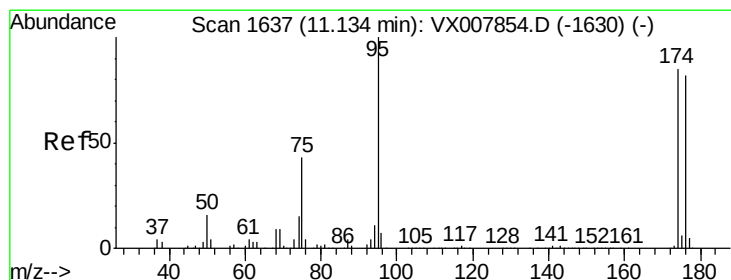
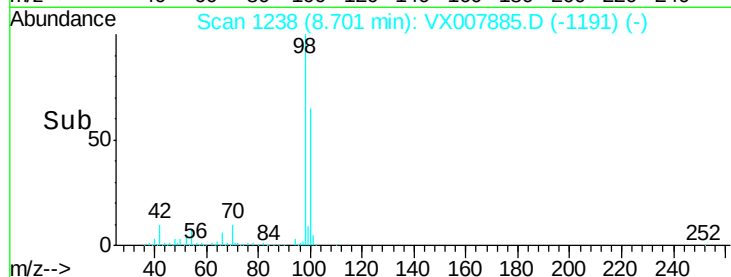
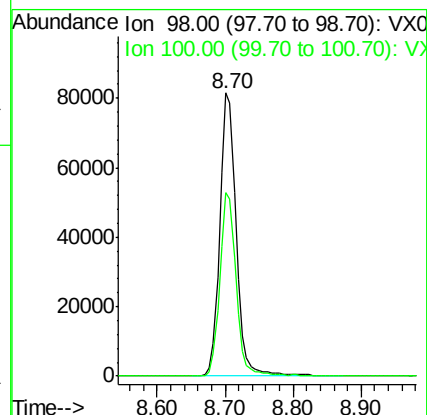
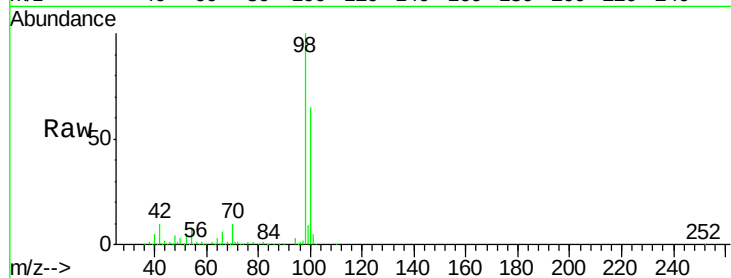
M1-T5-UV(POST-HYPO)RE

Tot Ion: 98 Resp: 136800

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 384.879 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007885.D

Acq: 07 Mar 2019 15:51

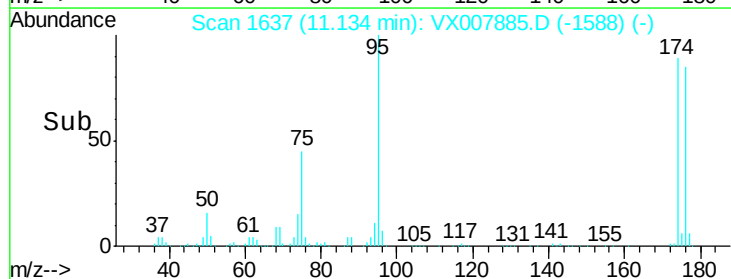
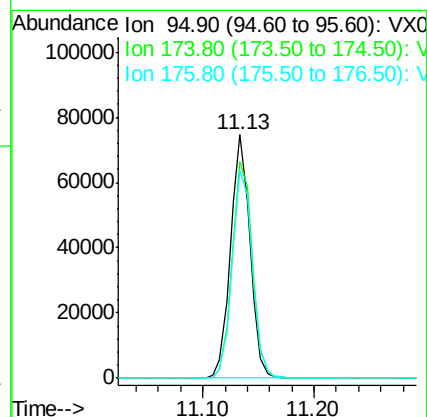
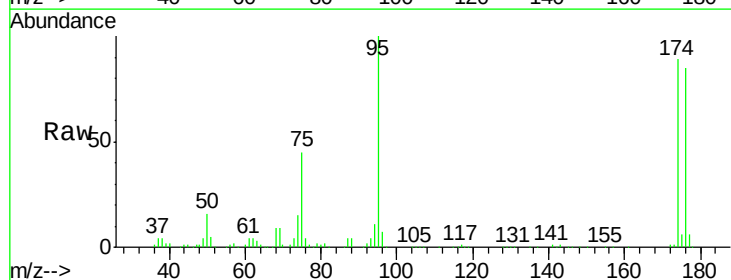
Tgt Ion: 95 Resp: 90450

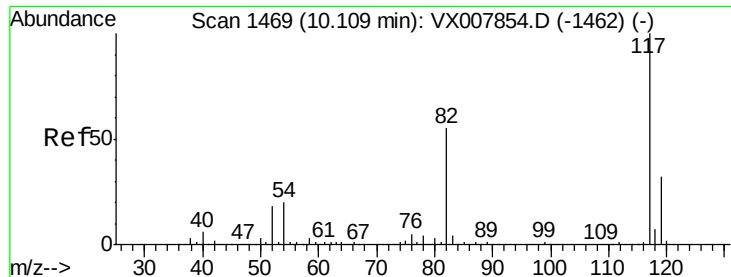
Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.8

176 88.5 0.0 178.0

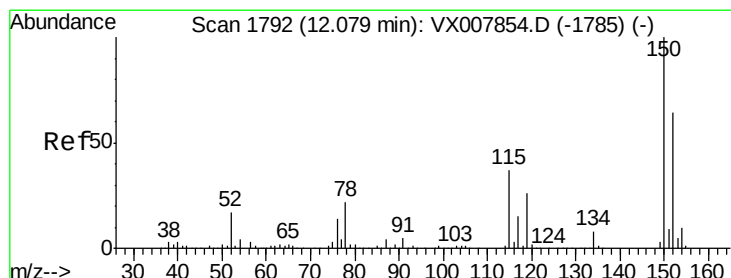
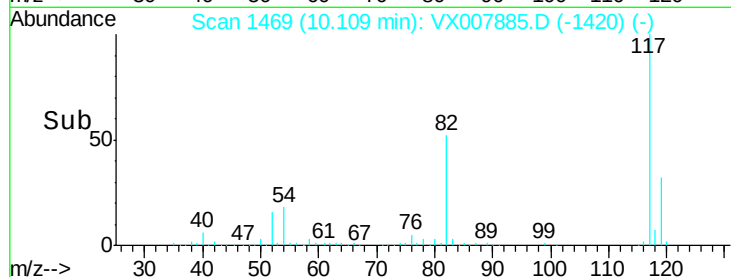
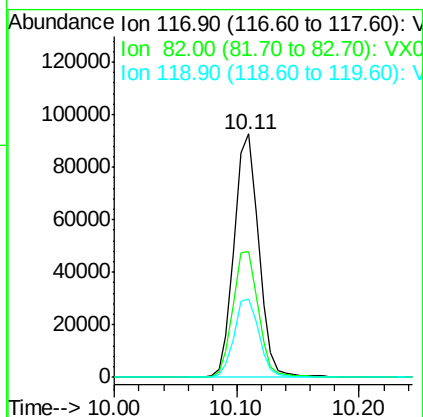
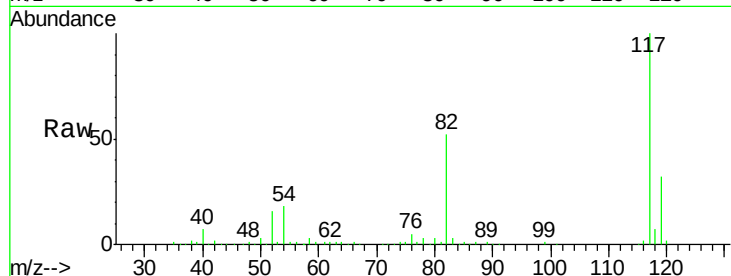




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007885.D
Acq: 07 Mar 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
M1-T5-UV(POST-HYPO)RE

Tot Ion:117 Resp: 128920
Ion Ratio Lower Upper
117 100
82 51.8 44.3 66.5
119 32.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007885.D
Acq: 07 Mar 2019 15:51

Tgt Ion:152 Resp: 117843
Ion Ratio Lower Upper
152 100
115 54.4 38.6 115.7
150 155.3 0.0 348.4

