

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008297.D
 Acq On : 21 Mar 2019 17:52
 Operator : JC/SP
 Sample : K1963-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP04-20190315

Quant Time: Mar 22 09:48:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142744	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165053	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
35) Dibromofluoromethane	5.50	113	125087	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
50) Toluene-d8	8.71	98	493444	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.13	95	159637	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	

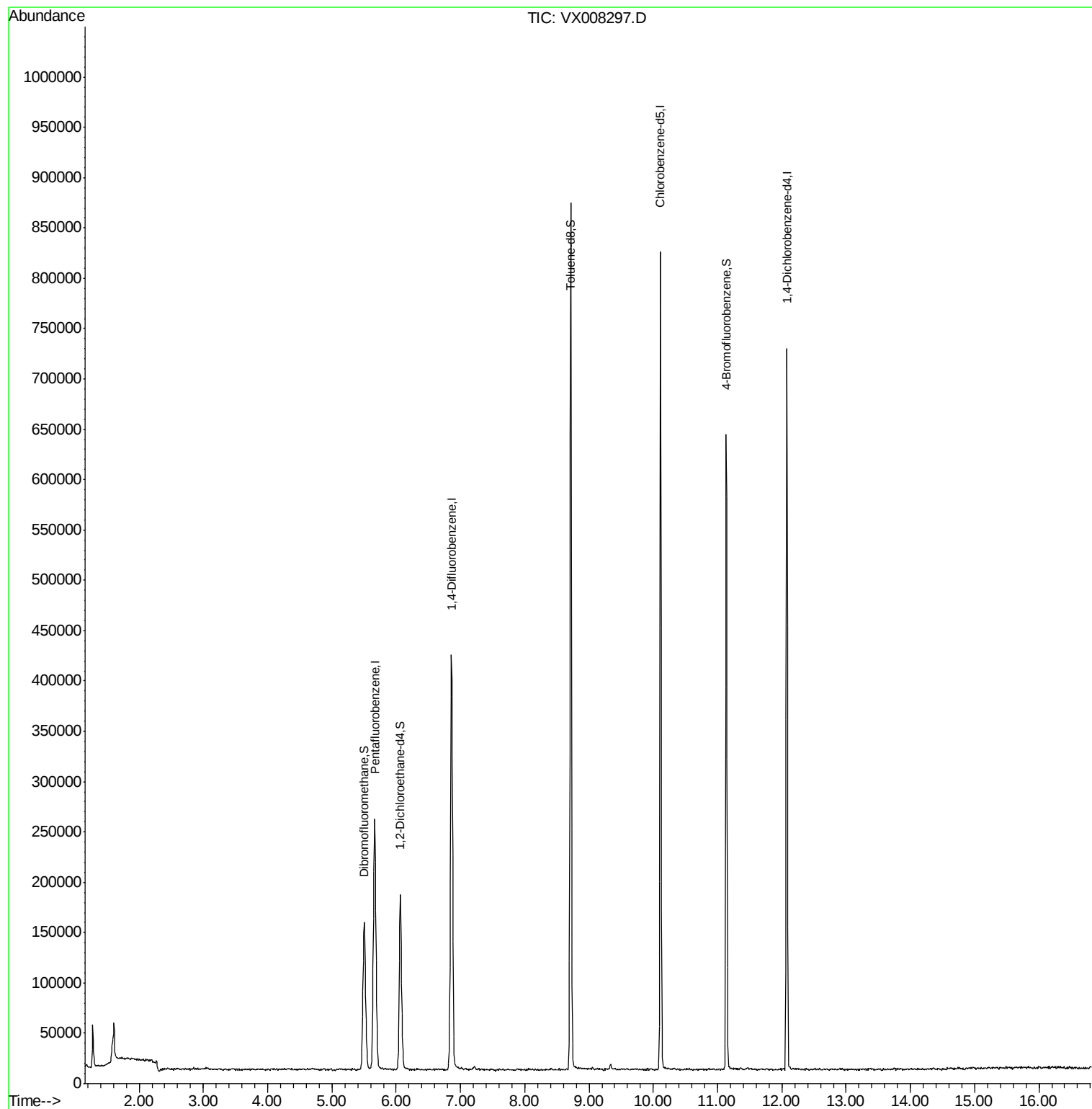
Target Compounds	Qvalue

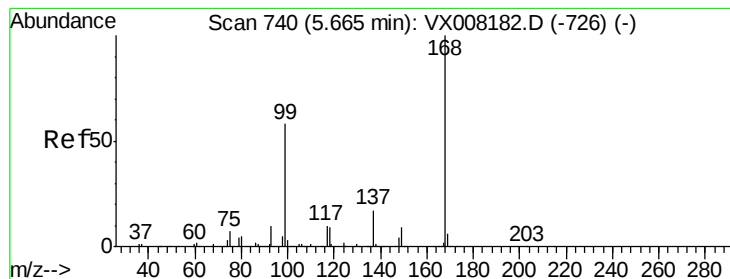
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX008297.D

Acq: 21 Mar 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

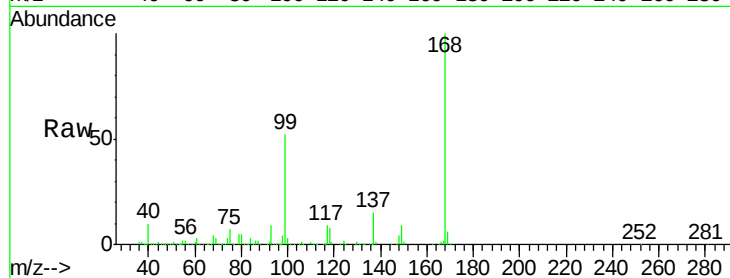
BP-DUP04-20190315

Tot Ion:168 Resp: 240623

Ion Ratio Lower Upper

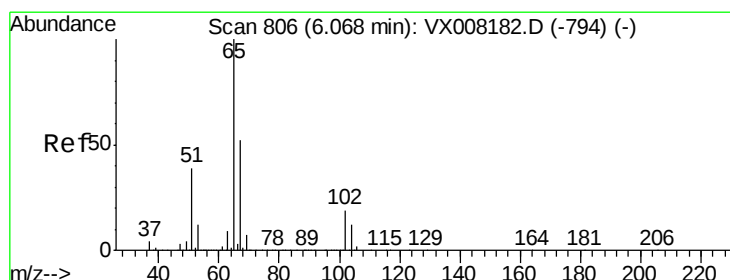
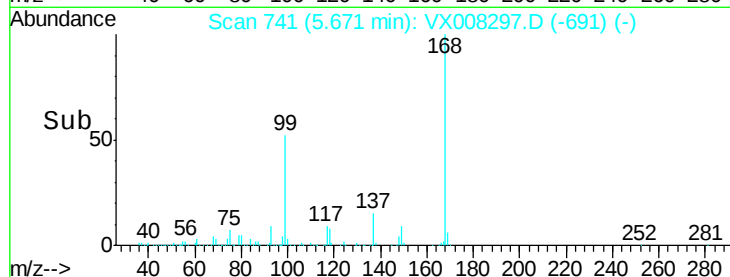
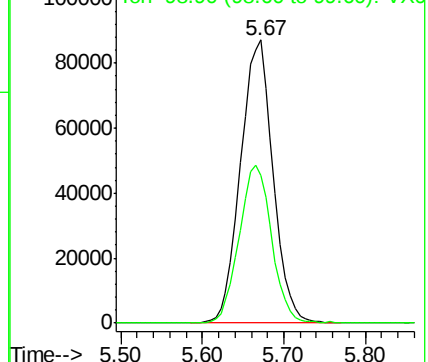
168 100

99 51.9 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: 45.544 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008297.D

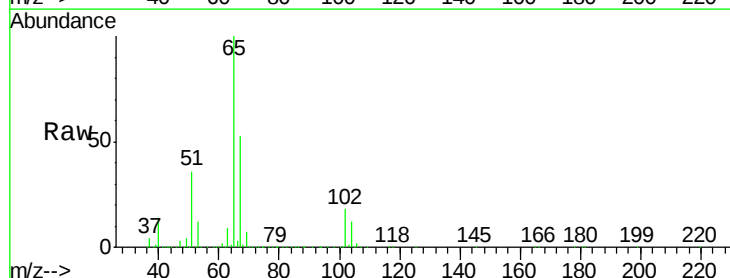
Acq: 21 Mar 2019 17:52

Tgt Ion: 65 Resp: 165053

Ion Ratio Lower Upper

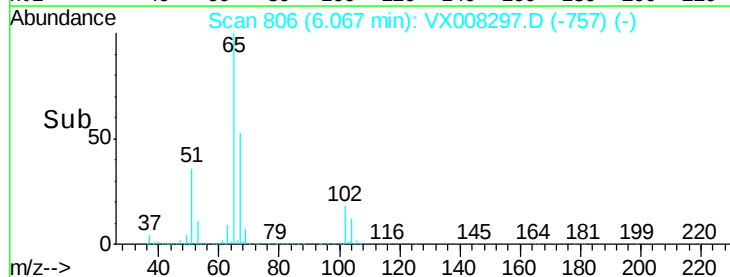
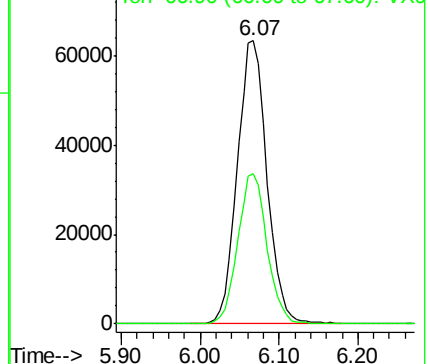
65 100

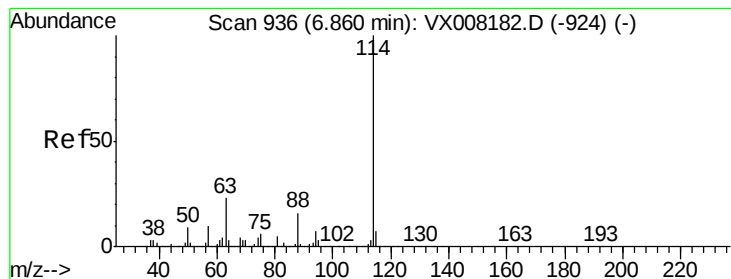
67 52.4 0.0 110.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008297.D

Acq: 21 Mar 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP04-20190315

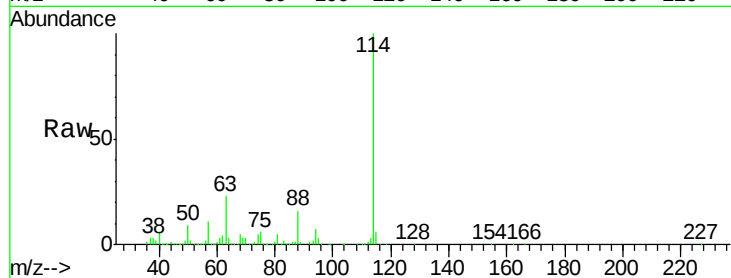
Tot Ion:114 Resp: 400611

Ion Ratio Lower Upper

114 100

63 22.9 0.0 39.8

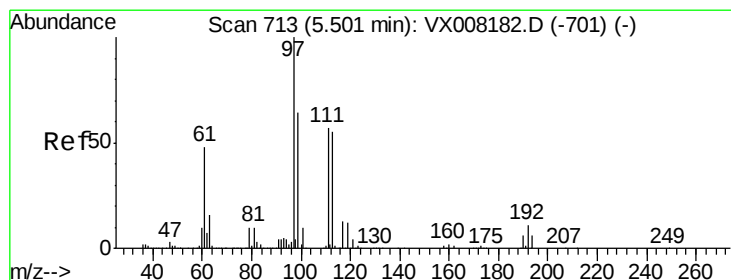
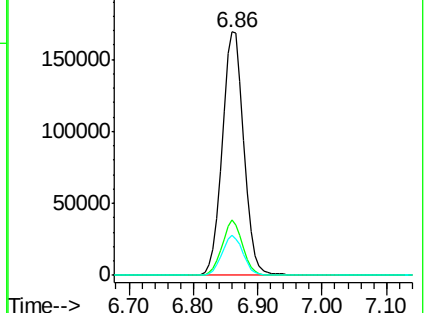
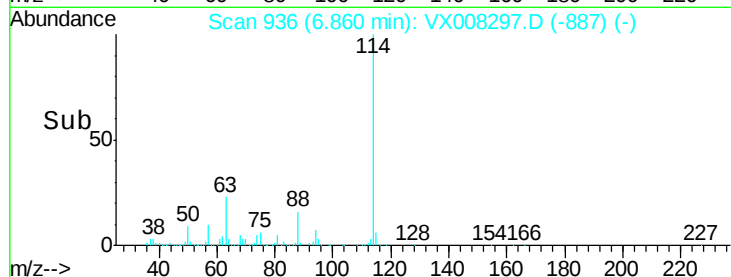
88 16.2 0.0 31.4



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: 46.642 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008297.D

Acq: 21 Mar 2019 17:52

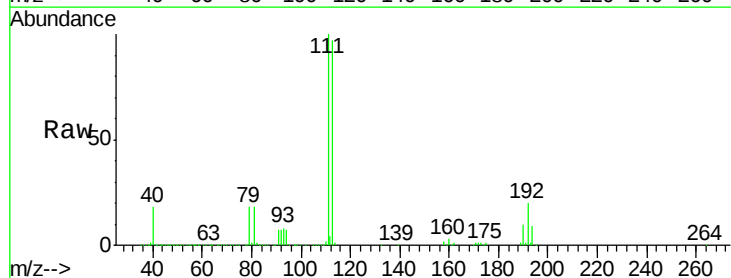
Tgt Ion:113 Resp: 125087

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

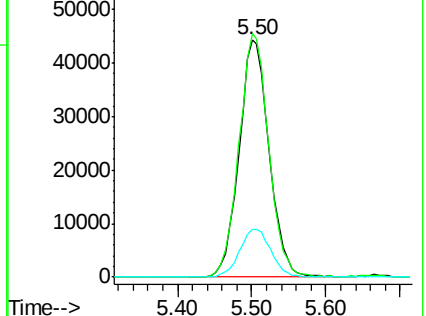
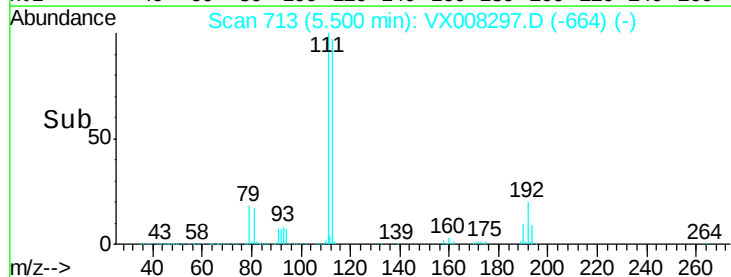
192 21.2 19.4 29.0

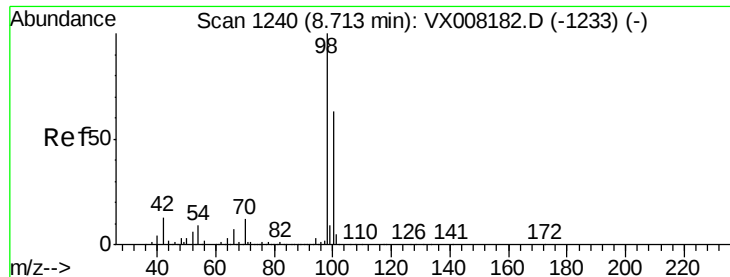


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.530 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008297.D

Acq: 21 Mar 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

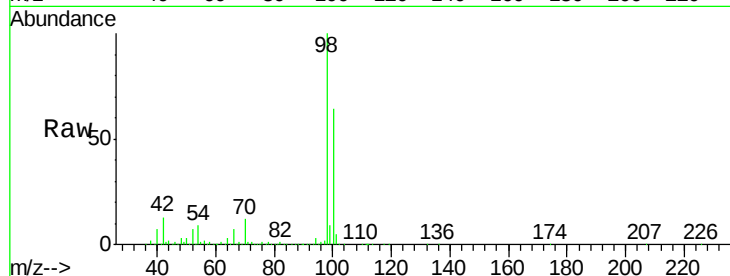
BP-DUP04-20190315

Tot Ion: 98 Resp: 493444

Ion Ratio Lower Upper

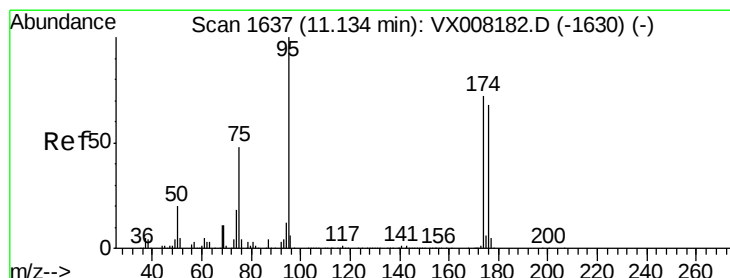
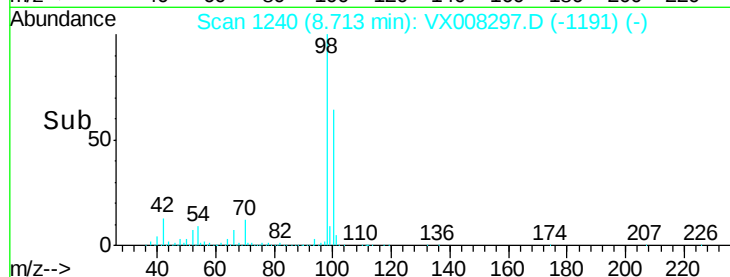
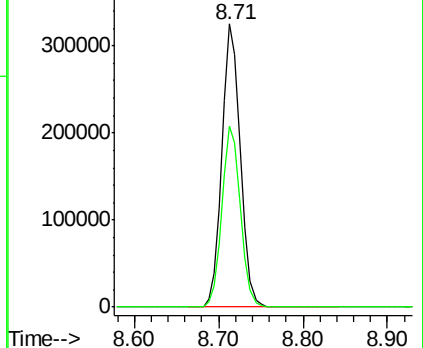
98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.598 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008297.D

Acq: 21 Mar 2019 17:52

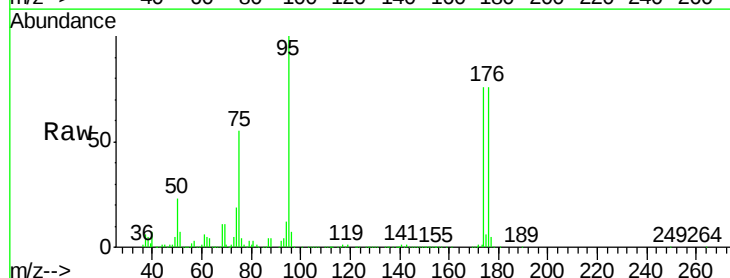
Tgt Ion: 95 Resp: 159637

Ion Ratio Lower Upper

95 100

174 80.5 0.0 182.8

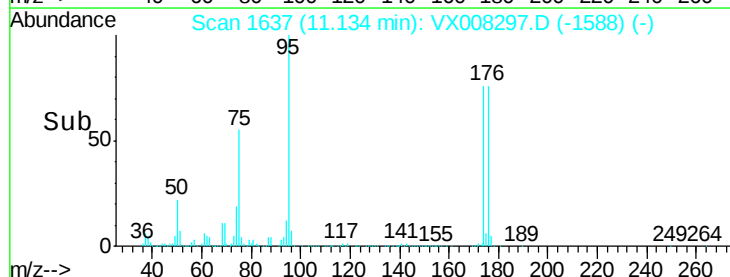
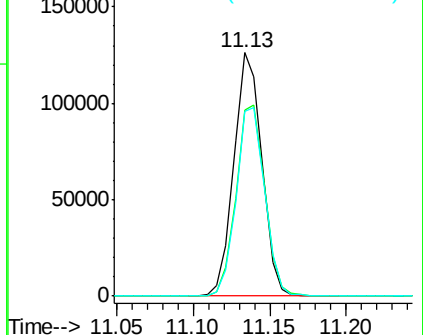
176 79.3 0.0 178.0

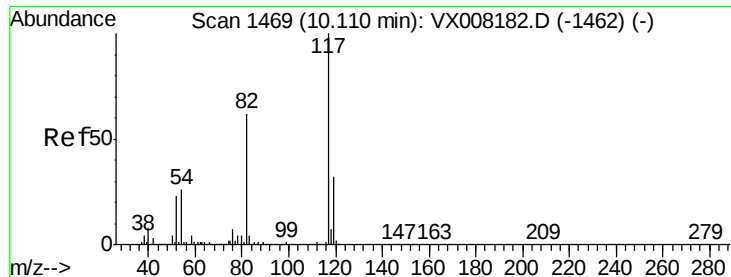


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

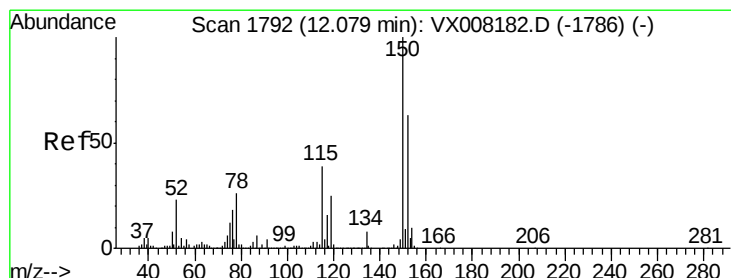
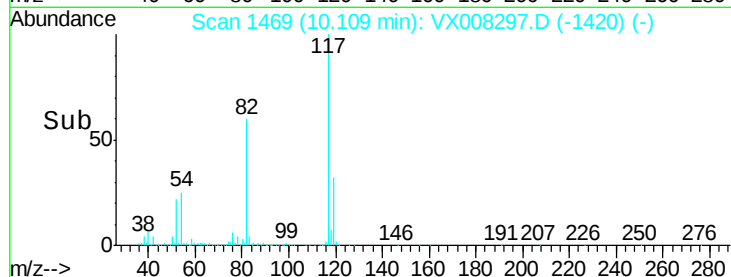
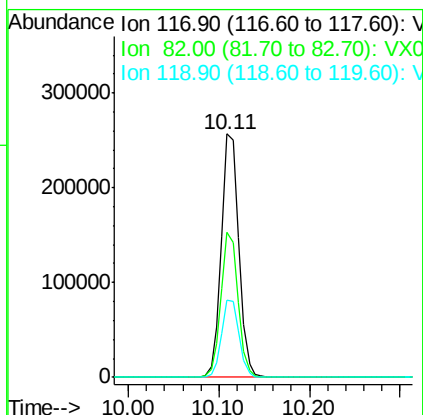
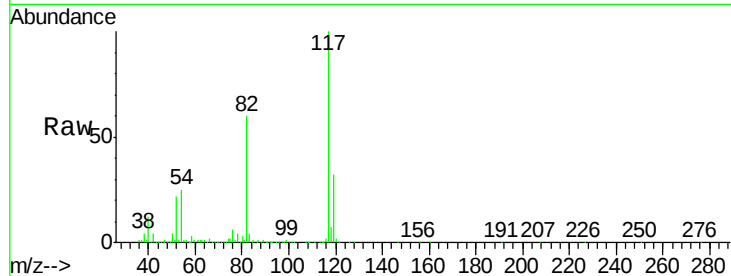




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008297.D
Acq: 21 Mar 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP04-20190315

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	44.3	66.5
119	31.5	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: VX008297.D
Acq: 21 Mar 2019 17:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	38.6	115.7
150	155.7	0.0	348.4

