

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008287.D
 Acq On : 21 Mar 2019 13:43
 Operator : JC/SP
 Sample : K1963-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB05-20190314

Quant Time: Mar 22 09:01:11 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	305173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	497880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	423436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172974	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	212813	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	
35) Dibromofluoromethane	5.50	113	161387	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
50) Toluene-d8	8.71	98	612679	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.13	95	196877	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	

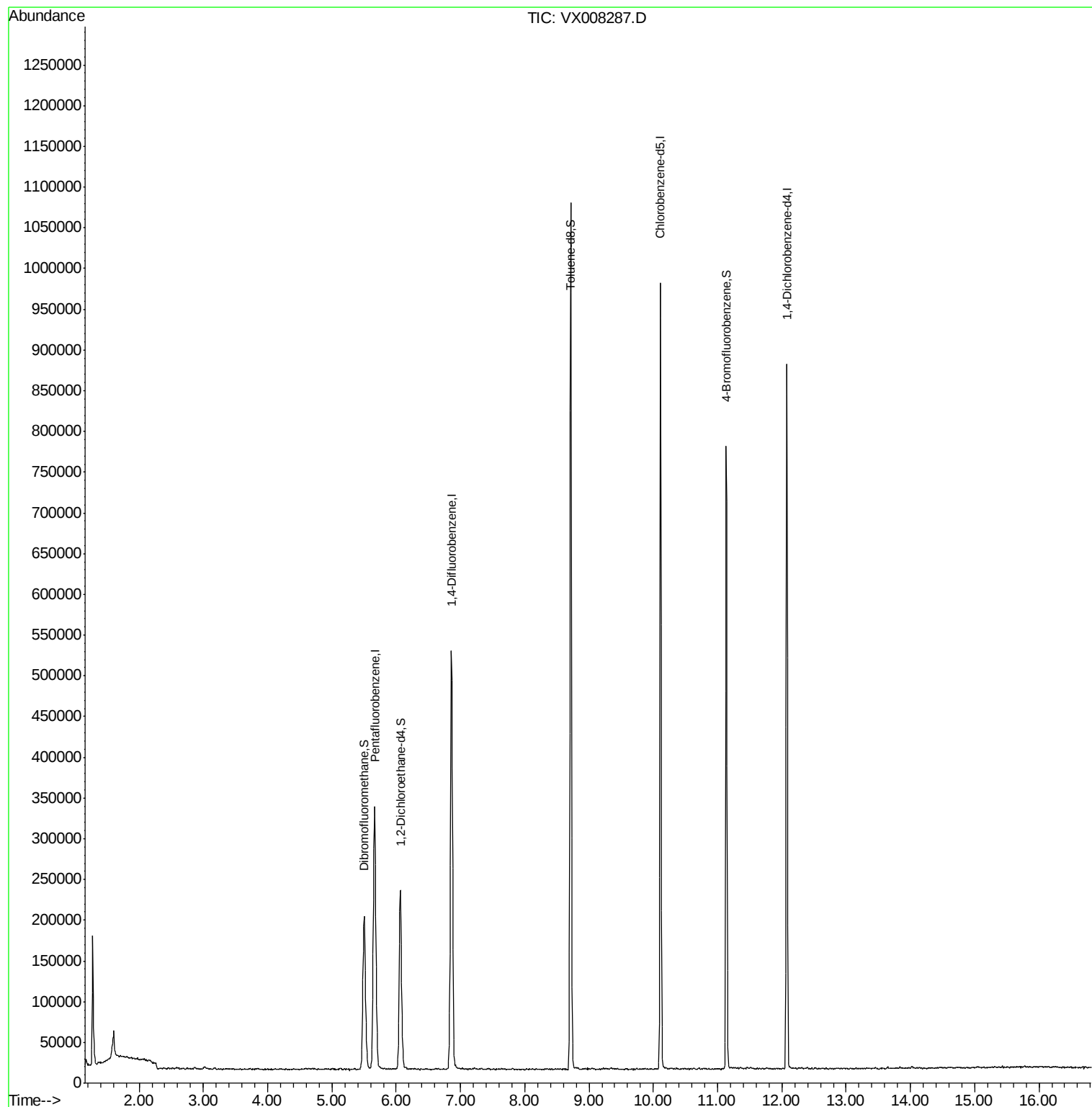
Target Compounds	Qvalue
------------------	--------

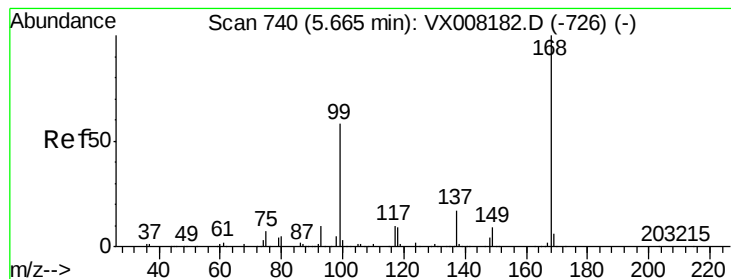
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032119\
Data File : VX008287.D
Acq On : 21 Mar 2019 13:43
Operator : JC/SP
Sample : K1963-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TB05-20190314

Quant Time: Mar 22 09:01:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 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: VX008287.D

Acq: 21 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

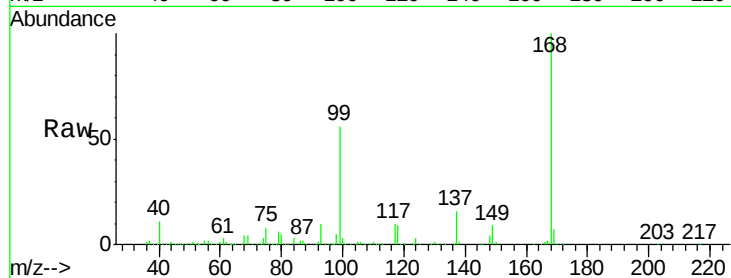
BP-TB05-20190314

Tot Ion:168 Resp: 305173

Ion Ratio Lower Upper

168 100

99 56.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

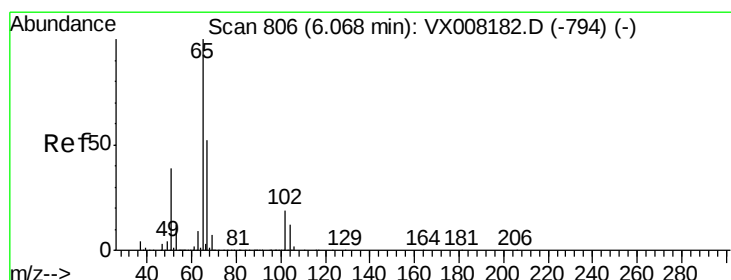
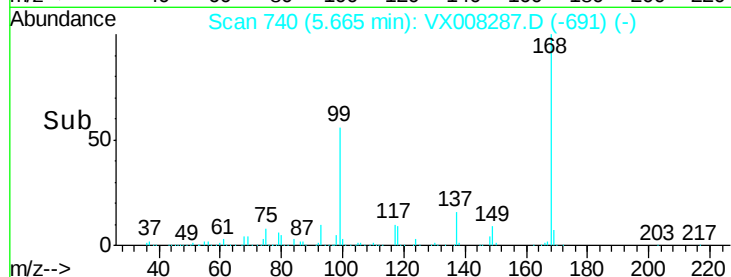
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.302 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008287.D

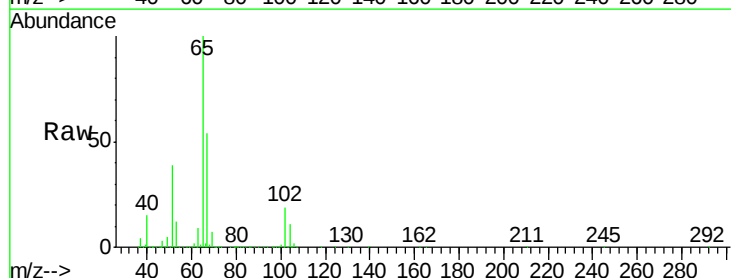
Acq: 21 Mar 2019 13:43

Tgt Ion: 65 Resp: 212813

Ion Ratio Lower Upper

65 100

67 53.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

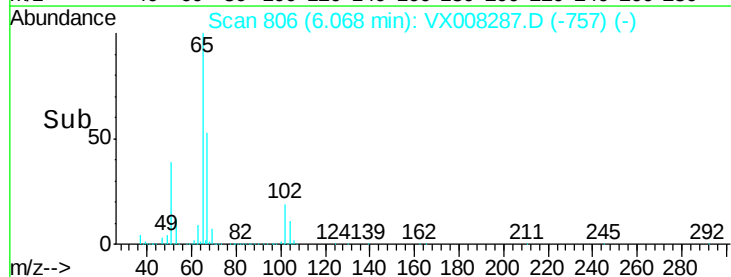
60000

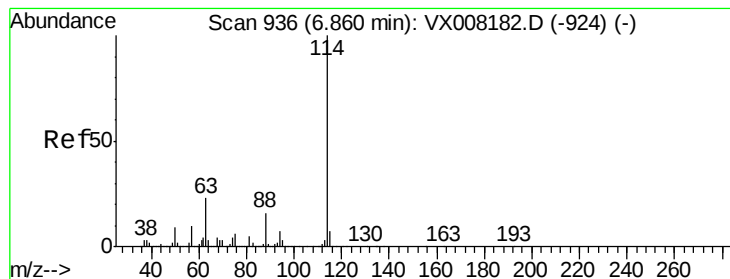
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008287.D

Acq: 21 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

BP-TB05-20190314

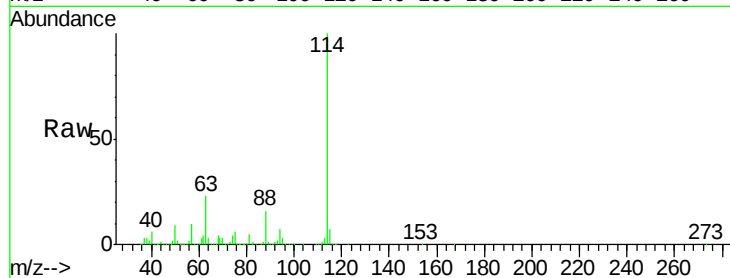
Tot Ion:114 Resp: 497880

Ion Ratio Lower Upper

114 100

63 23.0 0.0 39.8

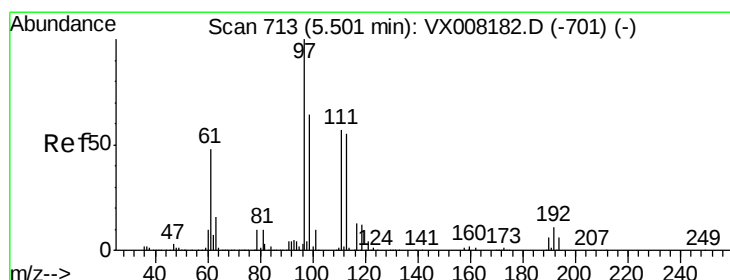
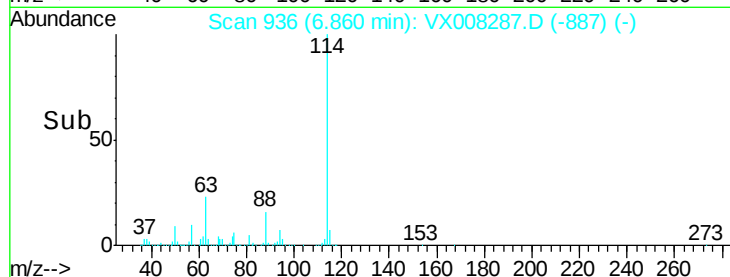
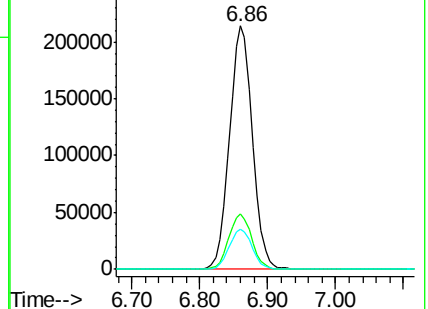
88 16.3 0.0 31.4



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: 48.421 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008287.D

Acq: 21 Mar 2019 13:43

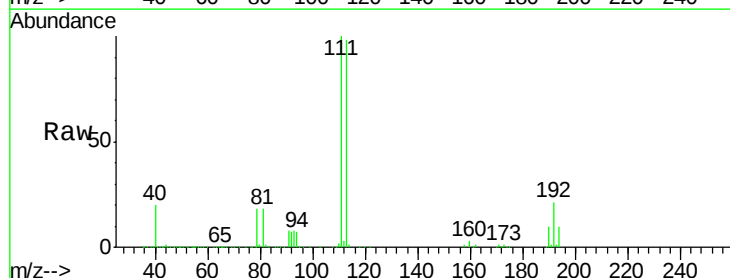
Tgt Ion:113 Resp: 161387

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

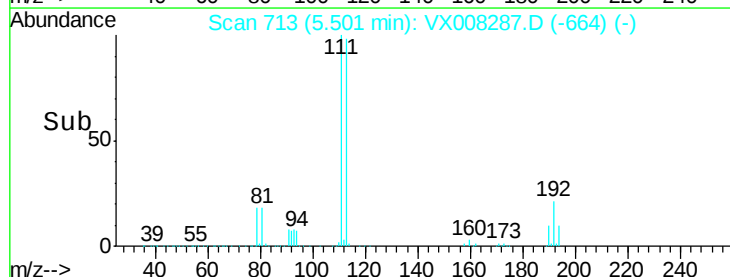
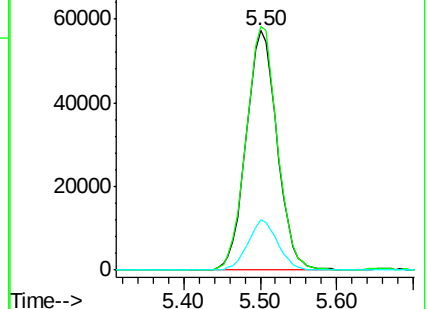
192 20.2 19.4 29.0

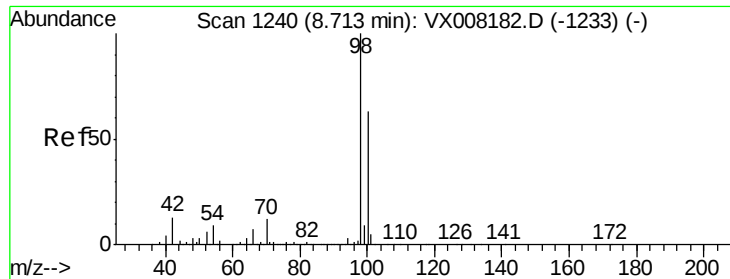


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.485 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008287.D

Acq: 21 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

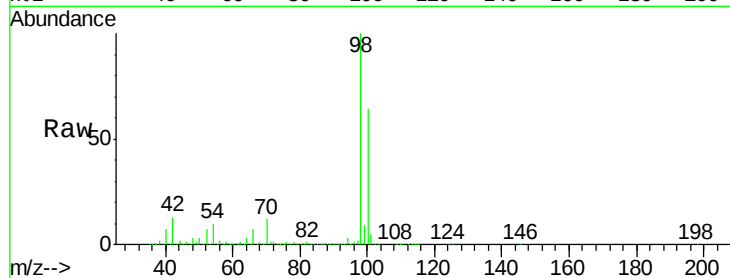
BP-TB05-20190314

Tot Ion: 98 Resp: 612679

Ion Ratio Lower Upper

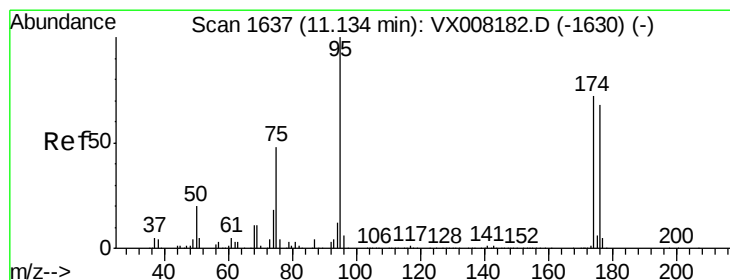
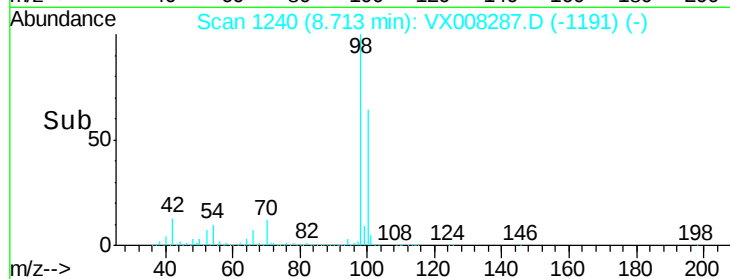
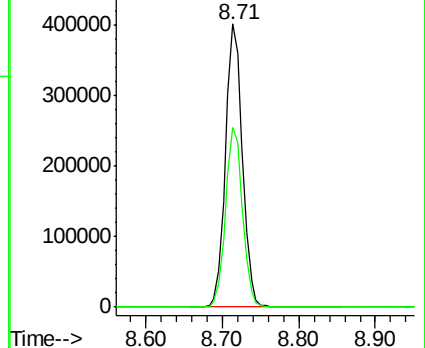
98 100

100 63.6 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: 45.249 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008287.D

Acq: 21 Mar 2019 13:43

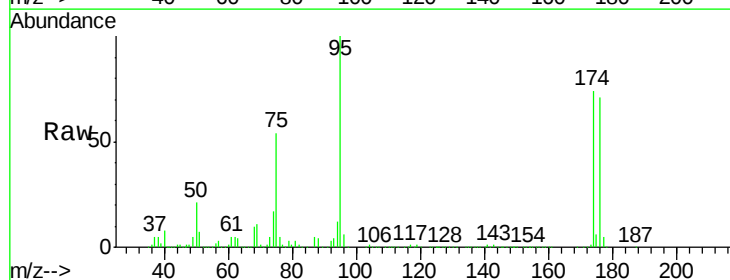
Tgt Ion: 95 Resp: 196877

Ion Ratio Lower Upper

95 100

174 79.4 0.0 182.8

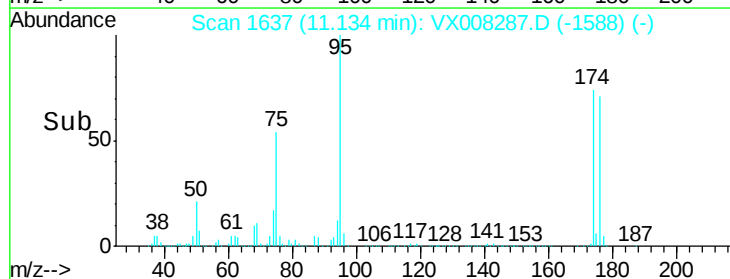
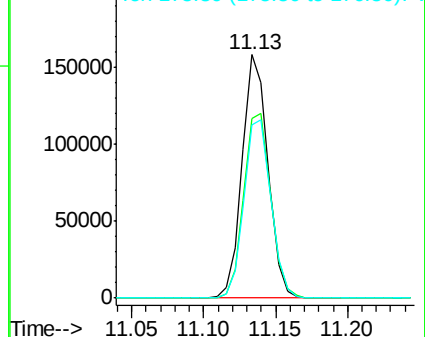
176 76.7 0.0 178.0

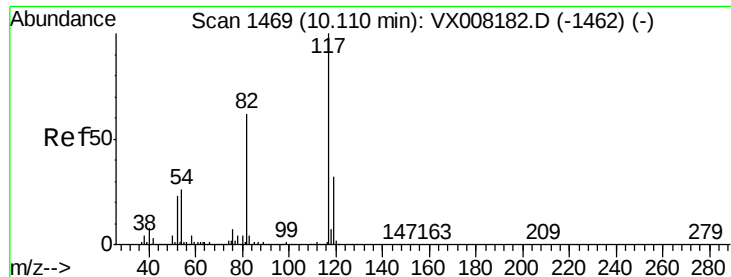


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

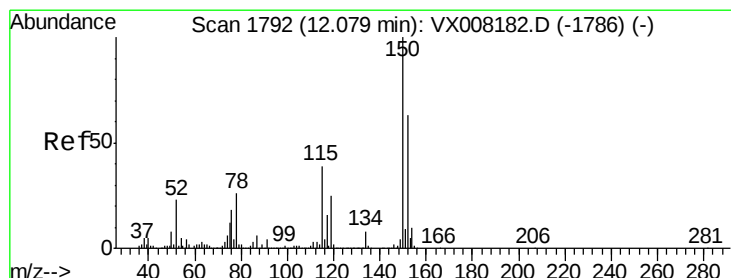
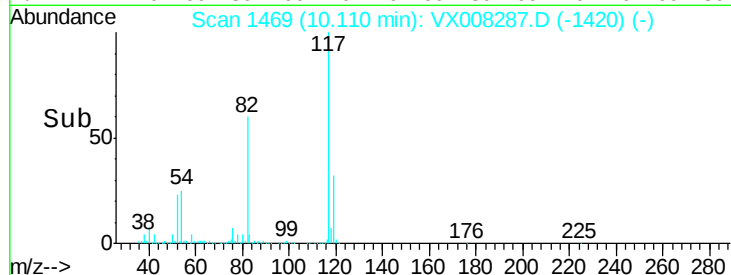
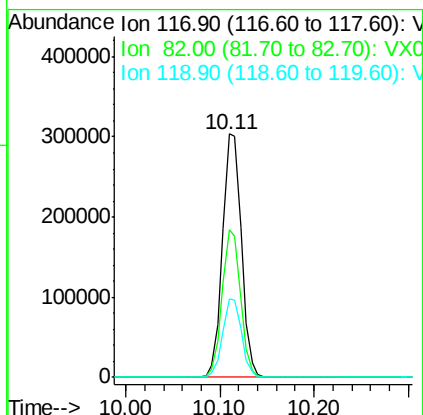
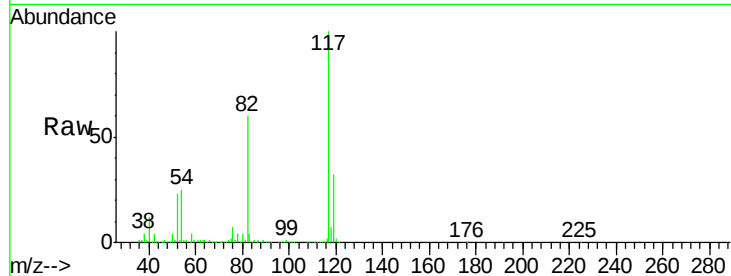




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008287.D
Acq: 21 Mar 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
BP-TB05-20190314

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	44.3	66.5
119	32.0	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: VX008287.D
Acq: 21 Mar 2019 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	38.6	115.7
150	154.6	0.0	348.4

