

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003749.D
 Acq On : 31 Jul 2018 14:54
 Operator : JC/SP
 Sample : J4121-01
 Misc : 9.94G/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9(3-5)

Quant Time: Jul 31 18:28:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	5349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	7454	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	6240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	2679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	2506	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
35) Dibromofluoromethane	5.51	113	2119	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	8.72	98	8620	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.14	95	2551	37.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.62%	

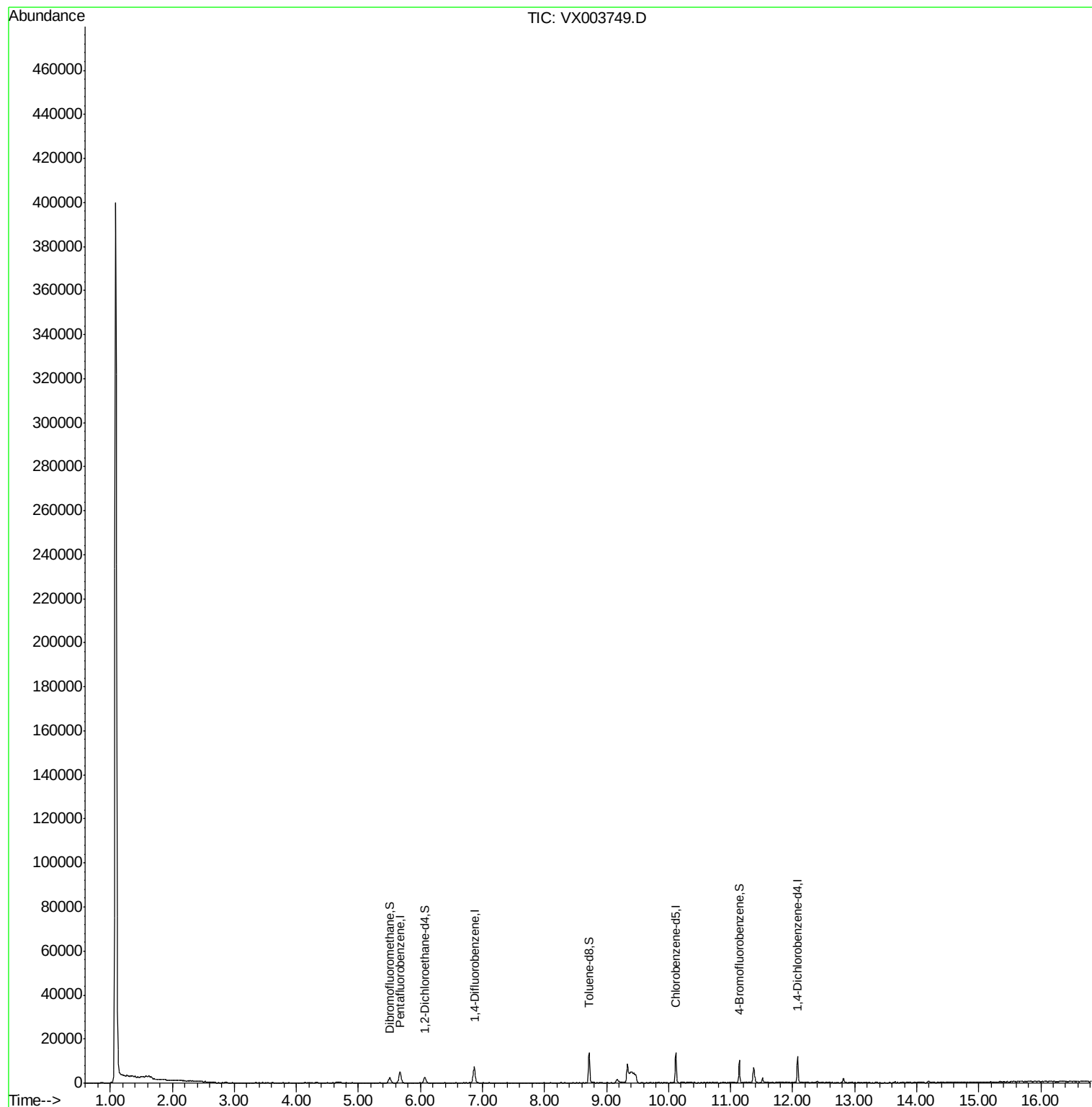
Target Compounds	Qvalue

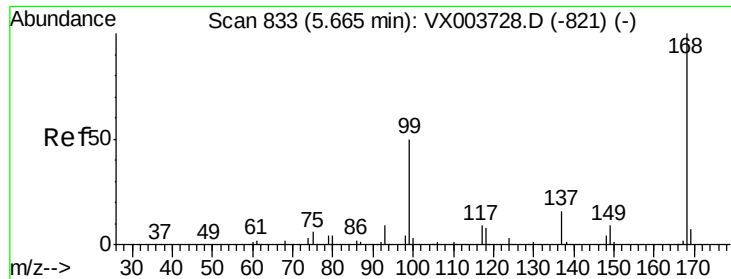
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003749.D

Acq: 31 Jul 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

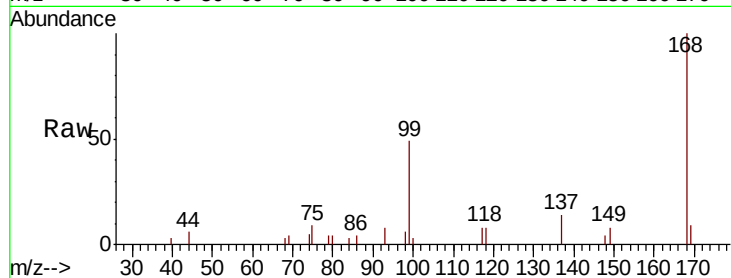
SB-9(3-5)

Tot Ion:168 Resp: 5349

Ion Ratio Lower Upper

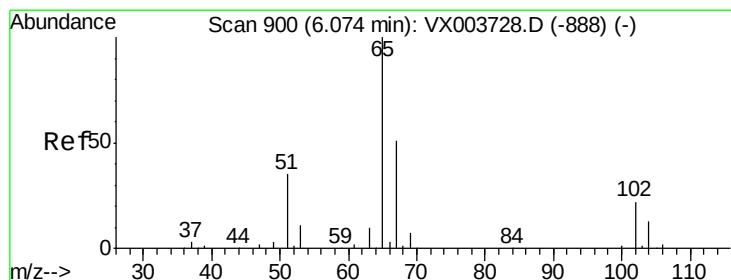
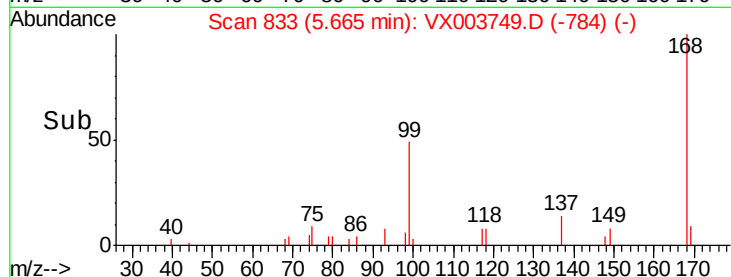
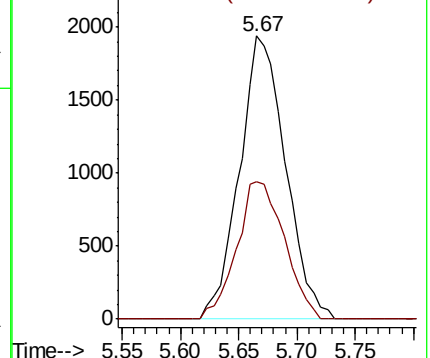
168 100

99 48.6 40.2 60.2



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: 46.32 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003749.D

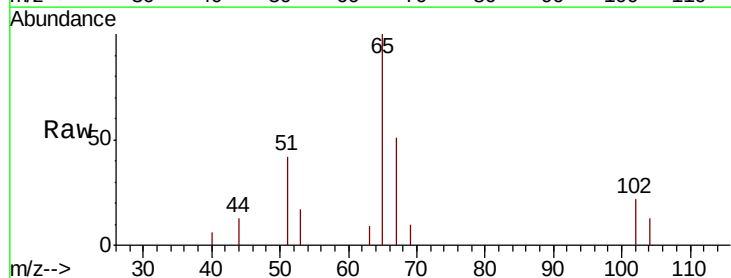
Acq: 31 Jul 2018 14:54

Tgt Ion: 65 Resp: 2506

Ion Ratio Lower Upper

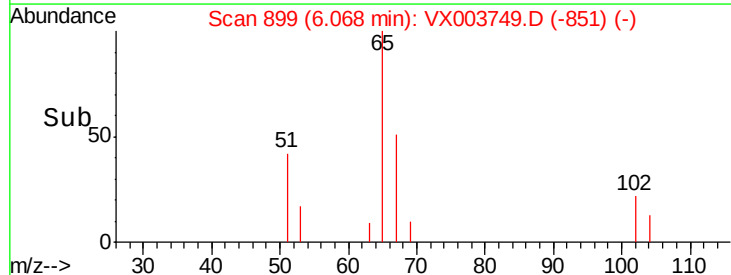
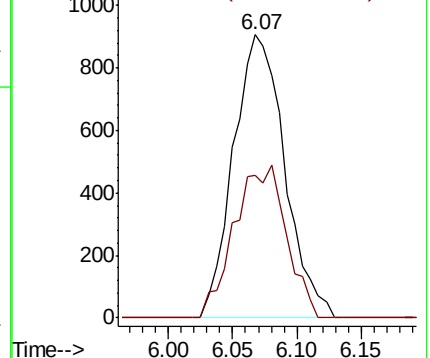
65 100

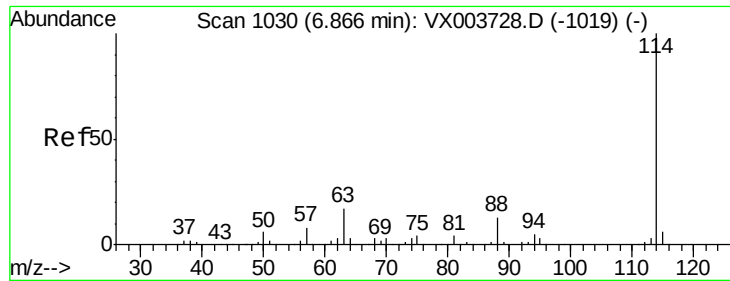
67 54.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003749.D

Acq: 31 Jul 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

SB-9(3-5)

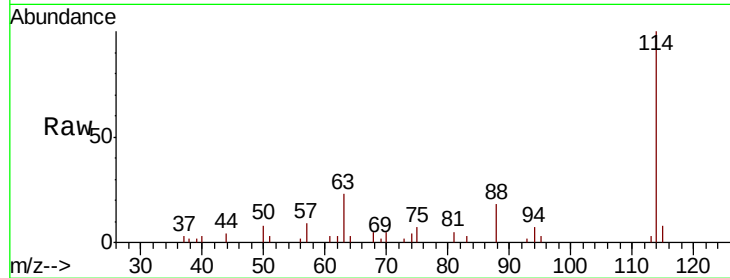
Tot Ion:114 Resp: 7454

Ion Ratio Lower Upper

114 100

63 22.9 0.0 34.0

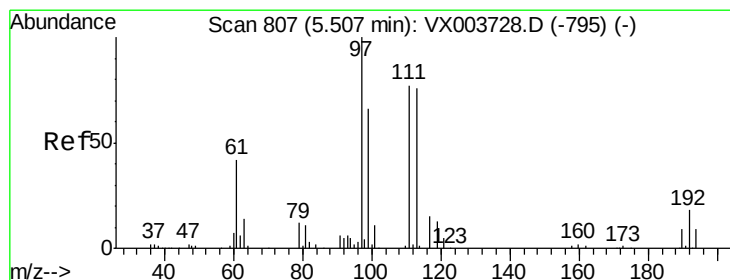
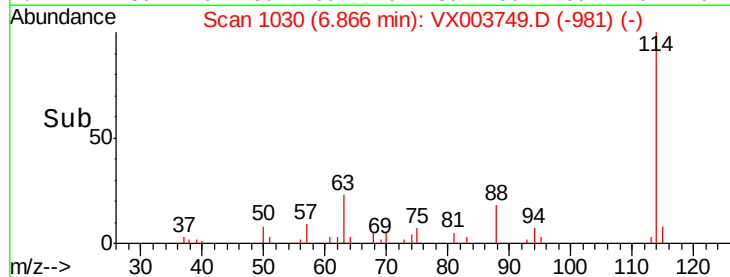
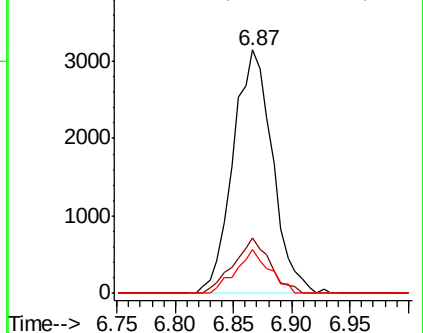
88 17.9 0.0 26.4



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: 48.28 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003749.D

Acq: 31 Jul 2018 14:54

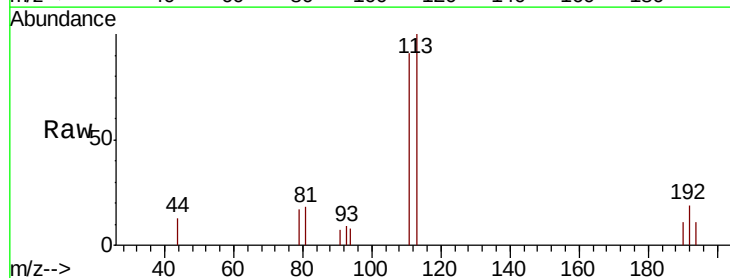
Tgt Ion:113 Resp: 2119

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.6

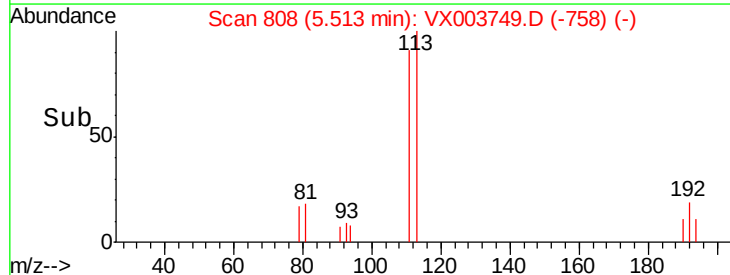
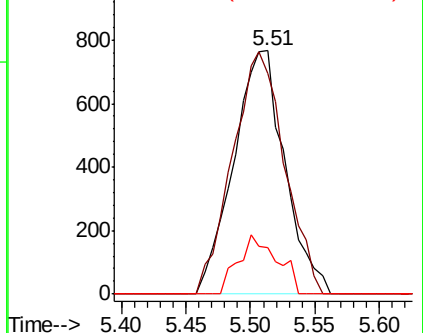
192 18.5 18.8 28.2#

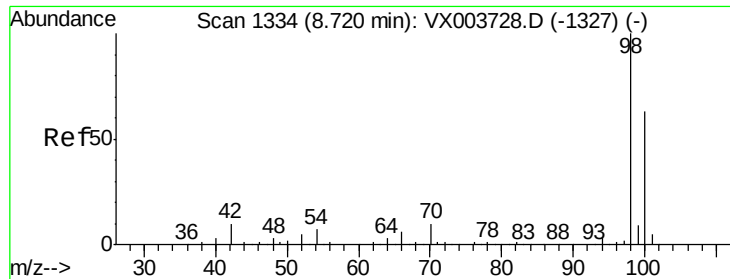


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.10 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003749.D

Acq: 31 Jul 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

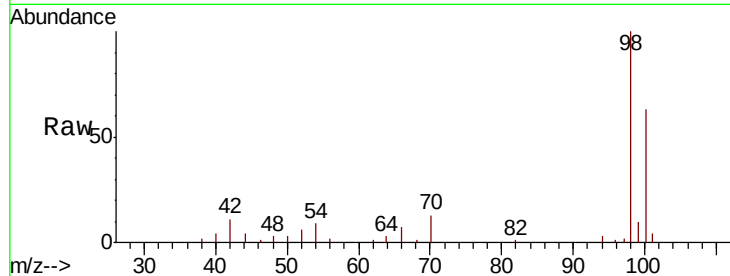
SB-9(3-5)

Tot Ion: 98 Resp: 8620

Ion Ratio Lower Upper

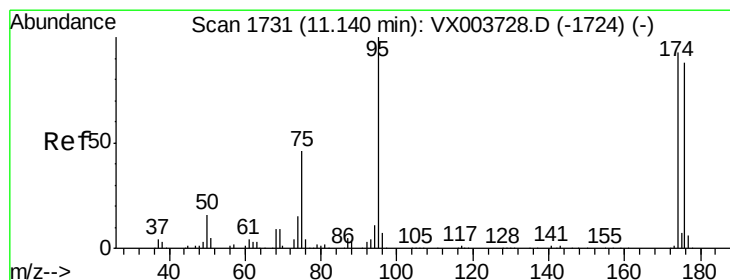
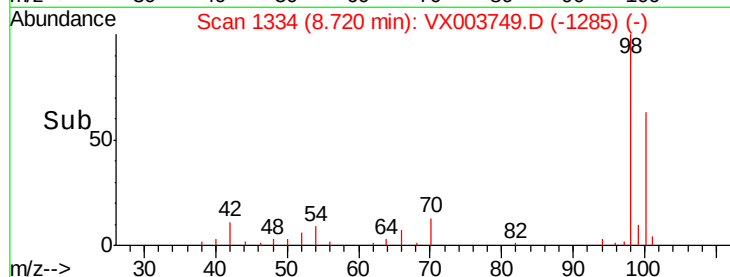
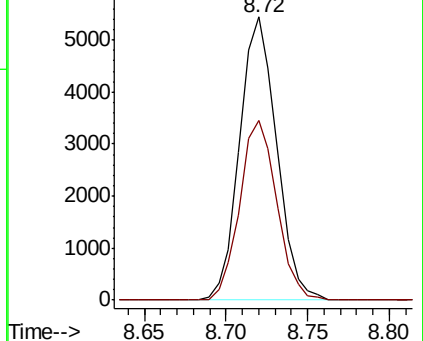
98 100

100 63.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 37.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003749.D

Acq: 31 Jul 2018 14:54

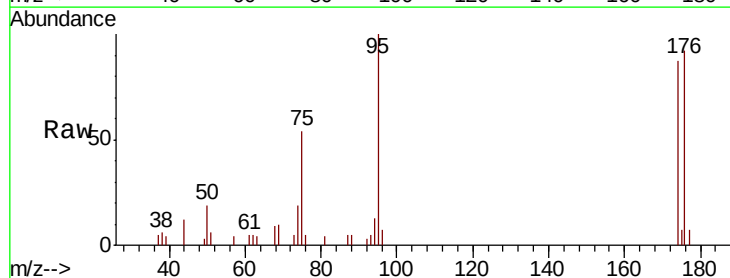
Tgt Ion: 95 Resp: 2551

Ion Ratio Lower Upper

95 100

174 93.1 0.0 186.2

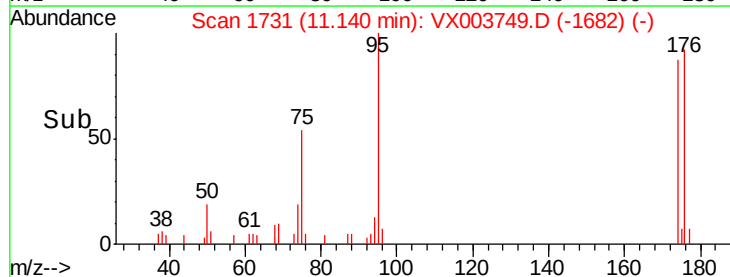
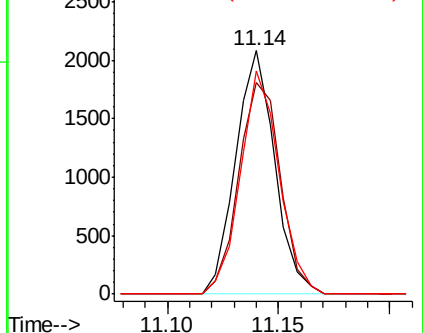
176 90.9 0.0 179.2

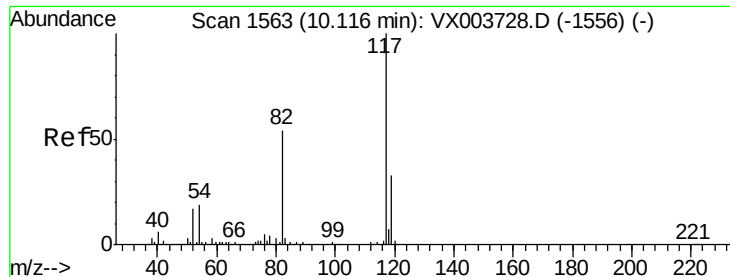


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

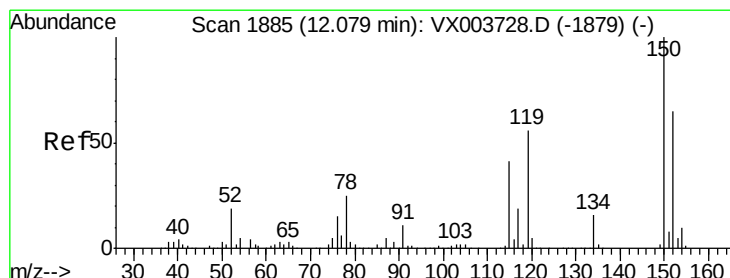
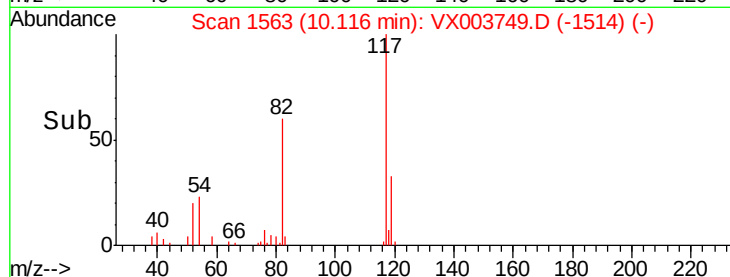
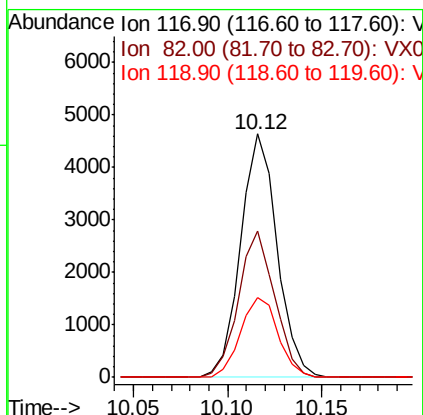
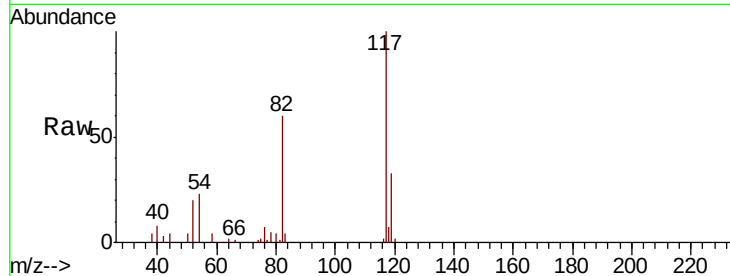




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003749.D
Acq: 31 Jul 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
SB-9(3-5)

Tot Ion:117 Resp: 6240
Ion Ratio Lower Upper
117 100
82 60.0 43.2 64.8
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003749.D
Acq: 31 Jul 2018 14:54

Tgt Ion:152 Resp: 2679
Ion Ratio Lower Upper
152 100
115 55.4 38.5 115.3
150 150.8 0.0 346.2

