

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041919\
 Data File : VX009074.D
 Acq On : 19 Apr 2019 16:41
 Operator : JC/SP
 Sample : K2487-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Apr 22 11:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369006	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129876	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	153143	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	5.50	113	110813	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	8.71	98	453765	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.13	95	146749	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	

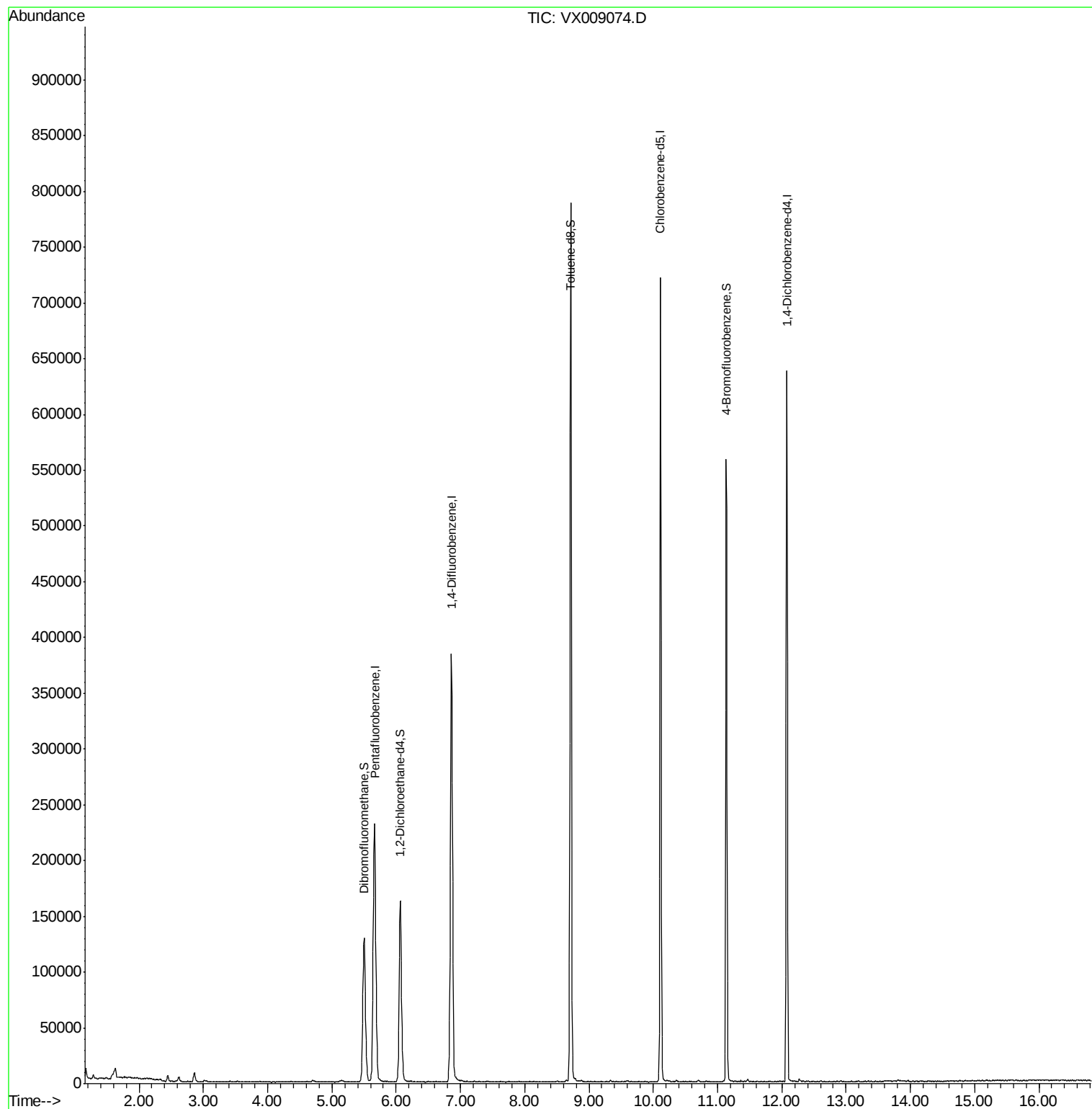
Target Compounds	Qvalue
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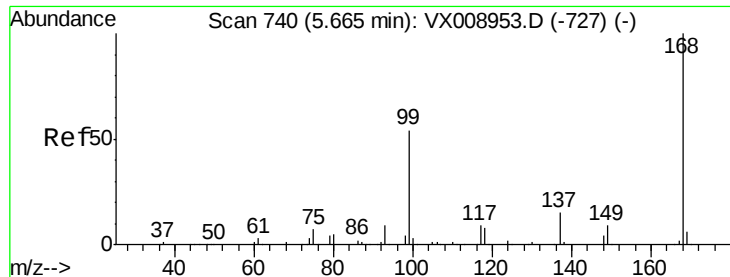
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009074.D

Acq: 19 Apr 2019 16:41

Instrument :

MSVOA_X

ClientSampled :

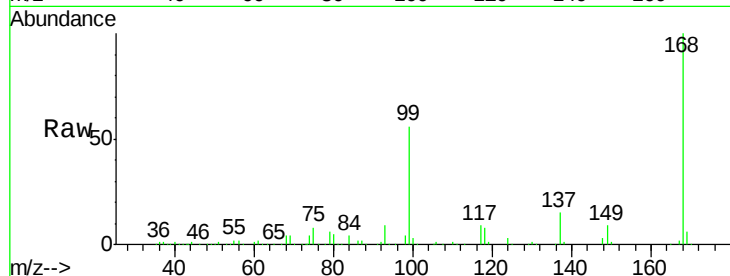
FB

Tot Ion:168 Resp: 226487

Ion Ratio Lower Upper

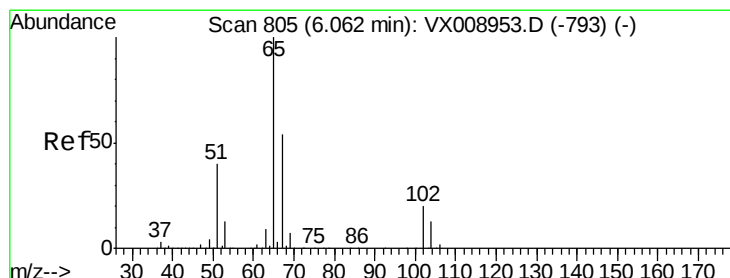
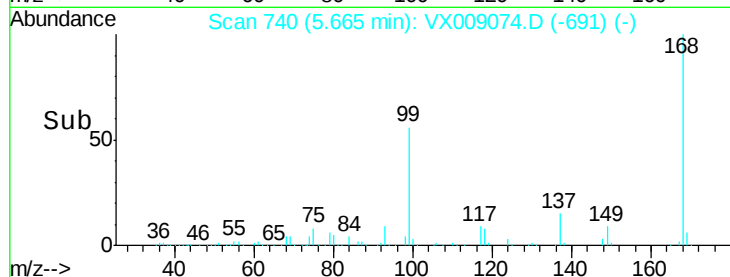
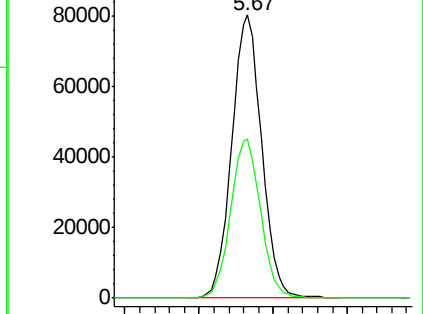
168 100

99 56.2 43.0 64.6



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: 47.979 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009074.D

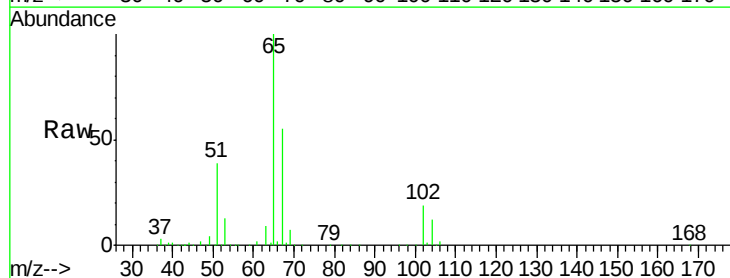
Acq: 19 Apr 2019 16:41

Tgt Ion: 65 Resp: 153143

Ion Ratio Lower Upper

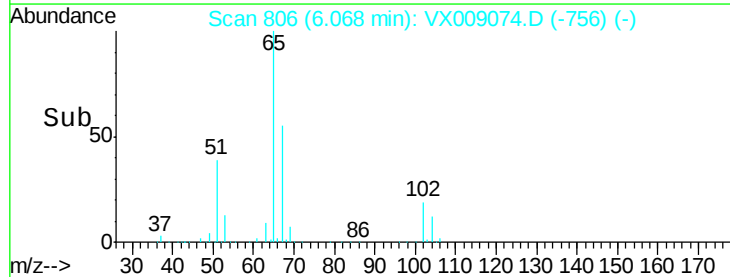
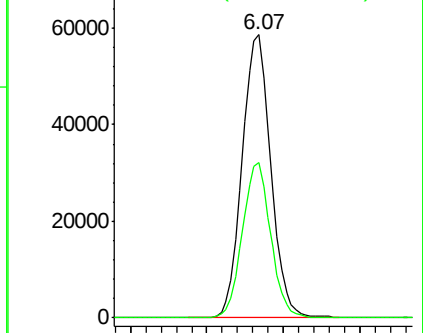
65 100

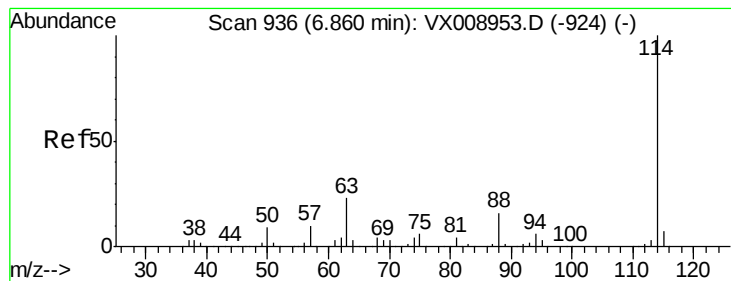
67 54.0 0.0 108.6



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: VX009074.D

Acq: 19 Apr 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

FB

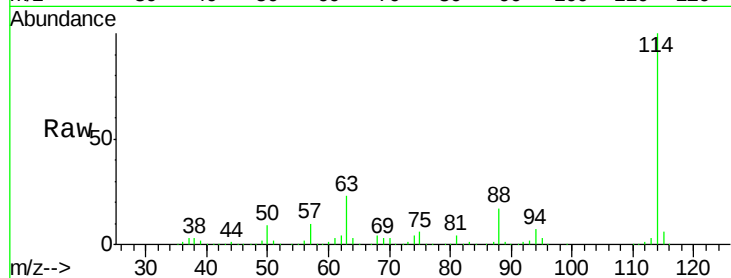
Tot Ion:114 Resp: 369006

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.0

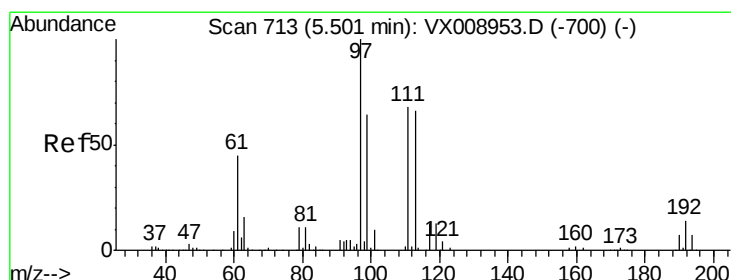
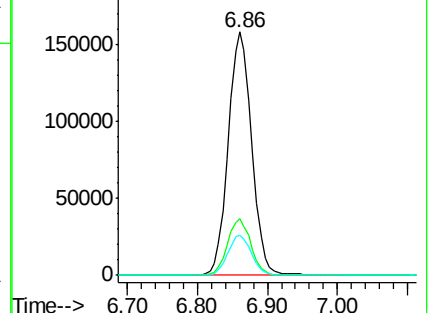
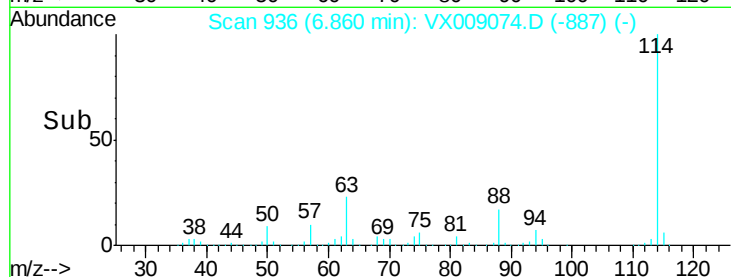
88 16.7 0.0 32.6



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: 46.792 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009074.D

Acq: 19 Apr 2019 16:41

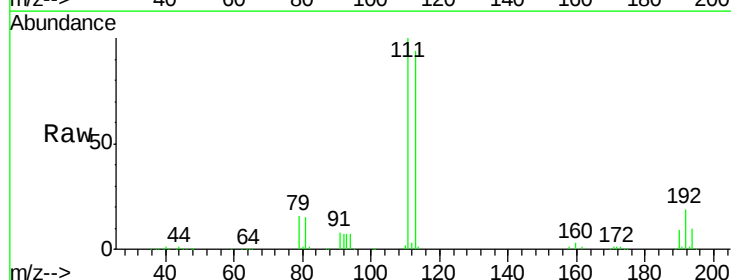
Tgt Ion:113 Resp: 110813

Ion Ratio Lower Upper

113 100

111 104.4 82.9 124.3

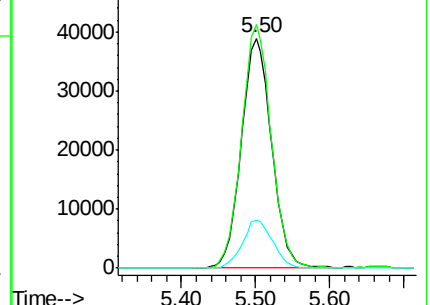
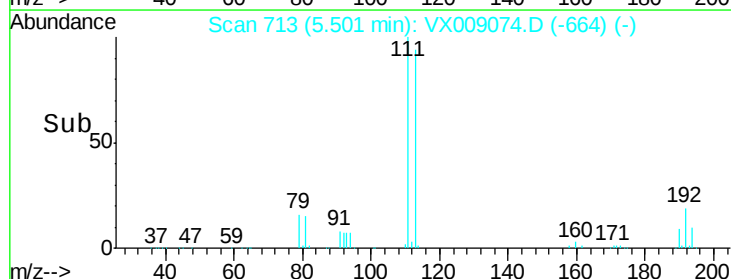
192 21.0 17.4 26.0

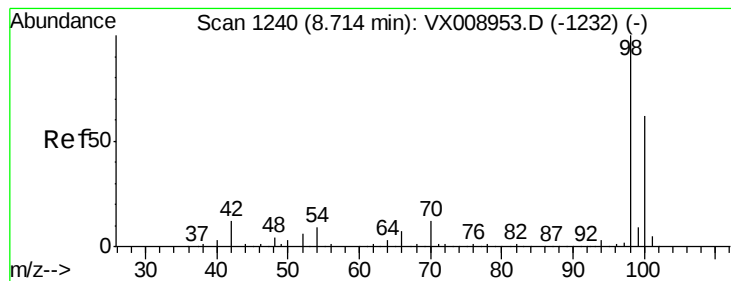


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.046 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009074.D

Acq: 19 Apr 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

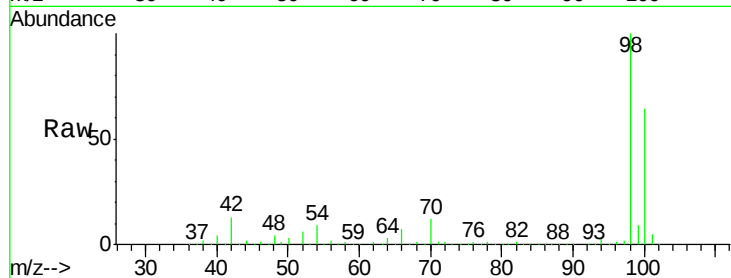
FB

Tot Ion: 98 Resp: 453765

Ion Ratio Lower Upper

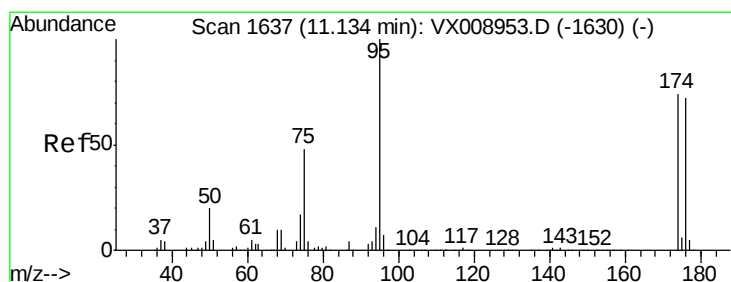
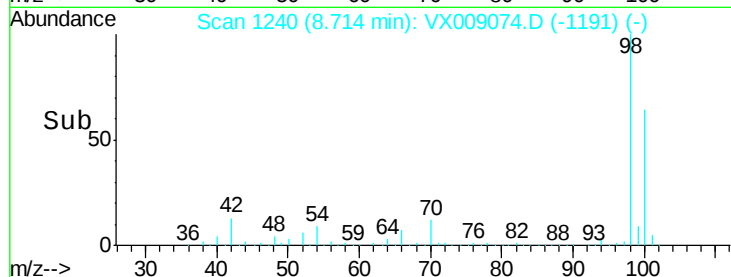
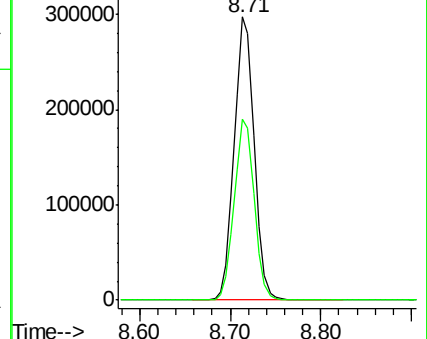
98 100

100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.017 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009074.D

Acq: 19 Apr 2019 16:41

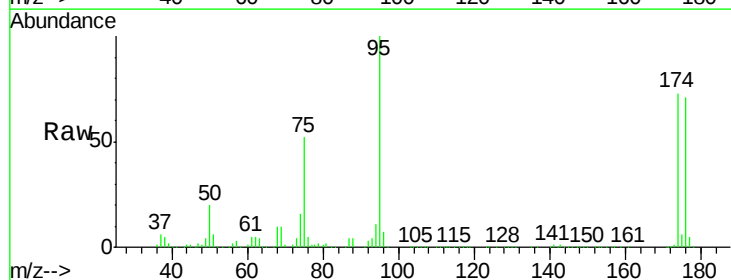
Tgt Ion: 95 Resp: 146749

Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.6

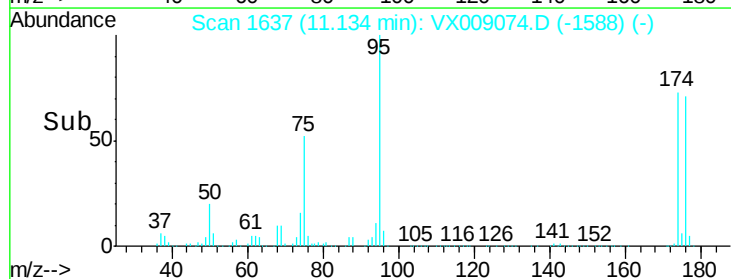
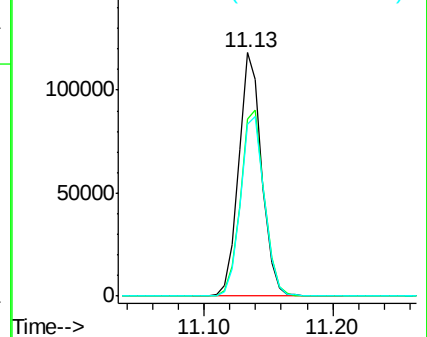
176 76.9 0.0 154.8

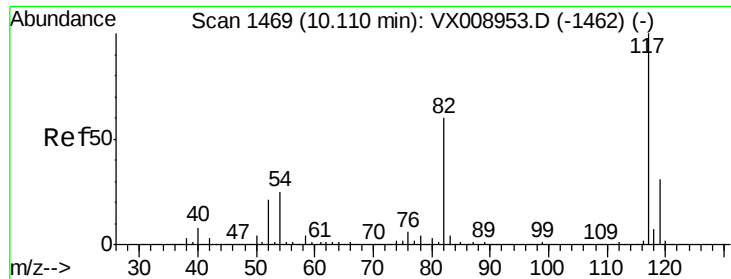


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

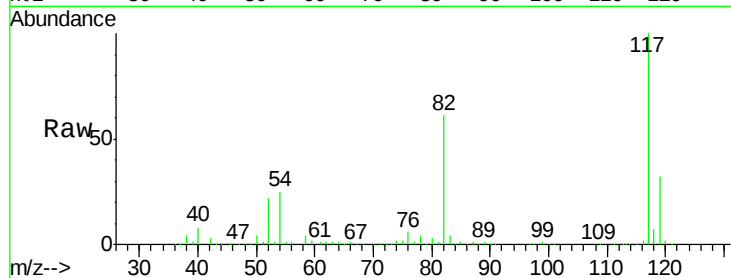




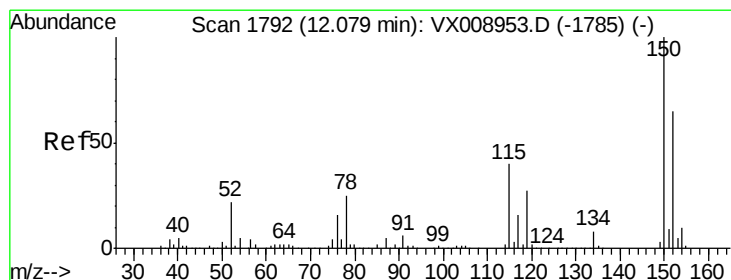
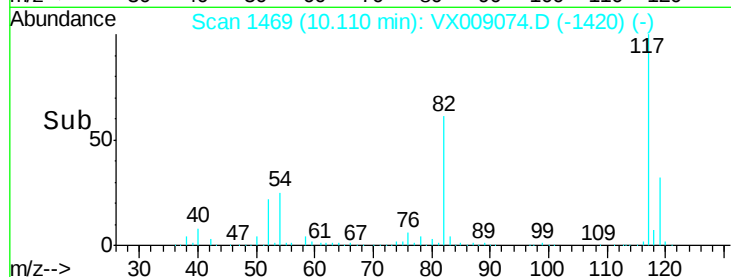
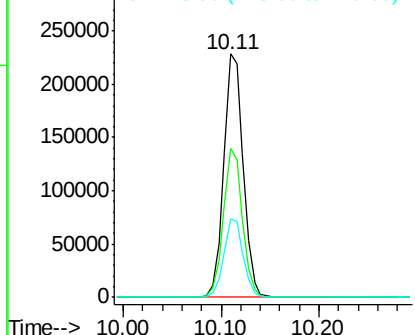
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009074.D
Acq: 19 Apr 2019 16:41

Instrument :
MSVOA_X
ClientSampled :
FB

Tot Ion:117 Resp: 314123
Ion Ratio Lower Upper
117 100
82 61.0 48.2 72.4
119 32.2 25.0 37.6

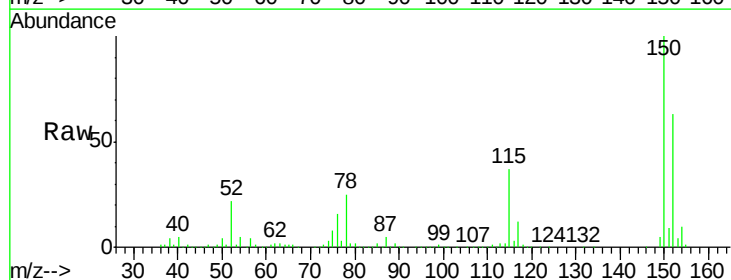


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009074.D
Acq: 19 Apr 2019 16:41

Tgt Ion:152 Resp: 129876
Ion Ratio Lower Upper
152 100
115 59.3 41.4 124.2
150 157.3 0.0 349.8



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

