

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010440.D
 Acq On : 25 Jun 2019 17:52
 Operator : JC/SP
 Sample : K3519-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2MW4-9001

Quant Time: Jun 26 02:01:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	384761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176227	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	129396	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
35) Dibromofluoromethane	5.50	113	129386	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
50) Toluene-d8	8.71	98	498174	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	166606	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

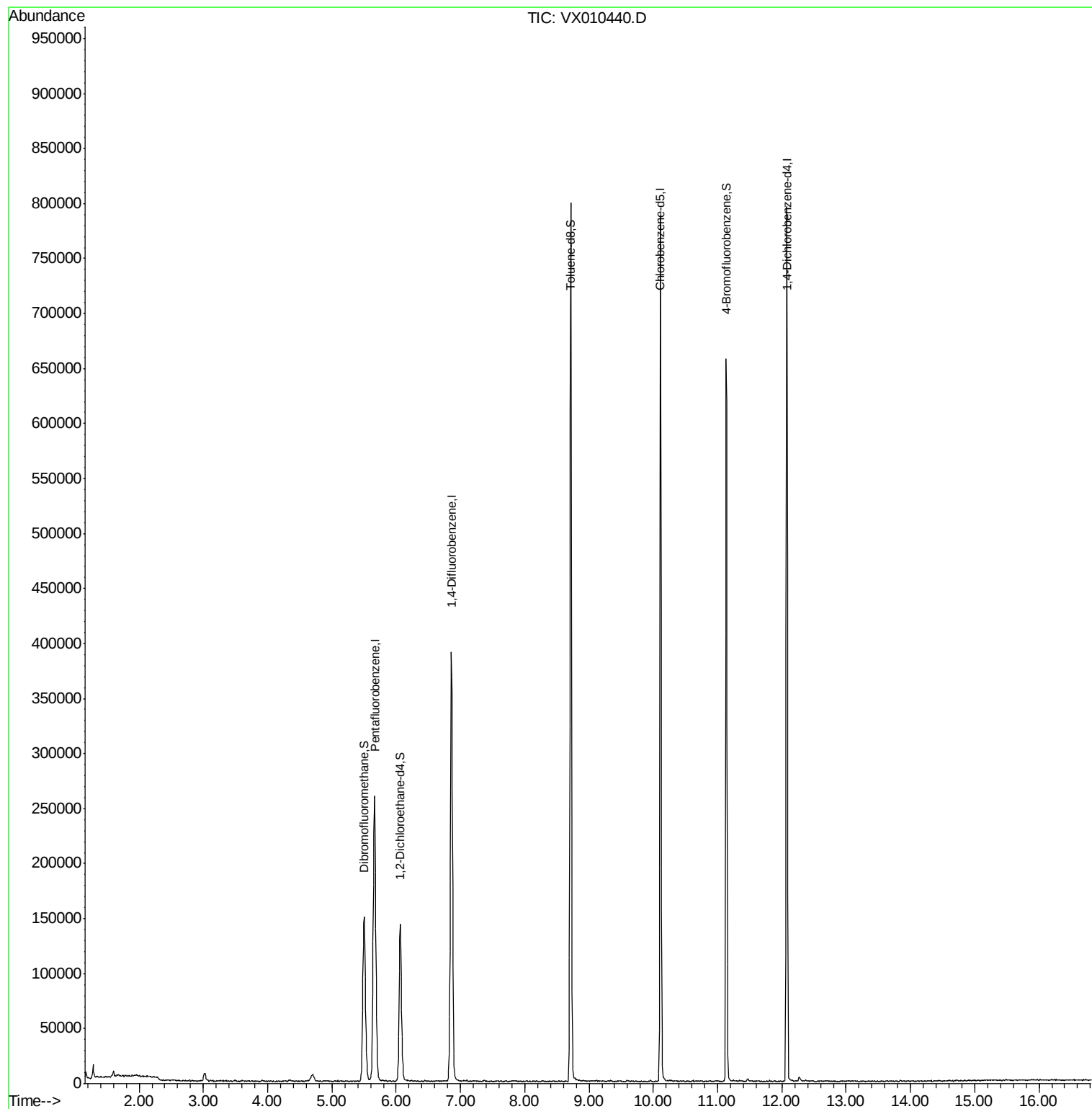
Target Compounds	Qvalue
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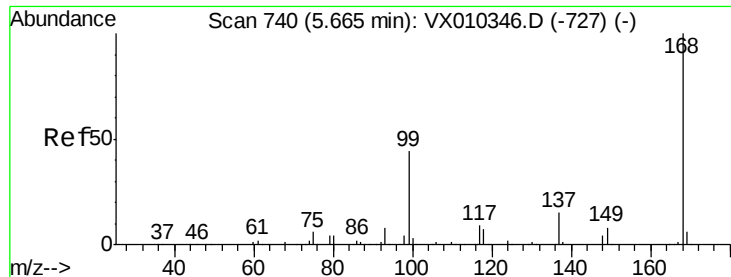
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010440.D

Acq: 25 Jun 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

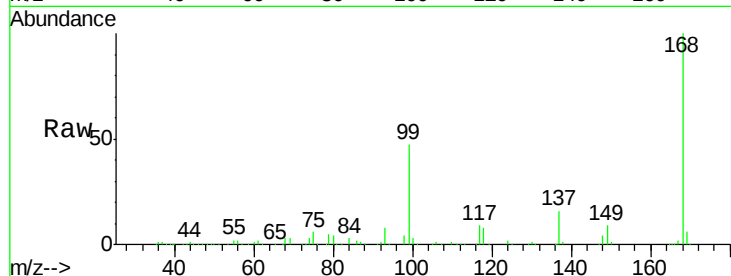
SP-19-LF2MW4-9001

Tot Ion:168 Resp: 274578

Ion Ratio Lower Upper

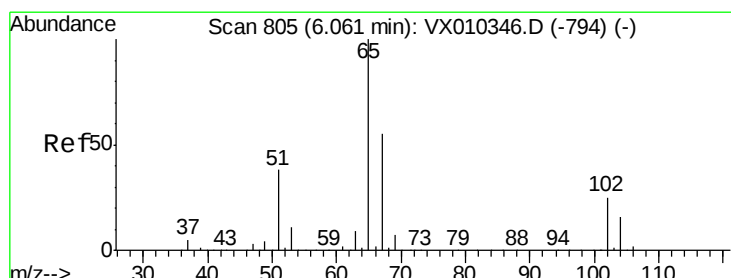
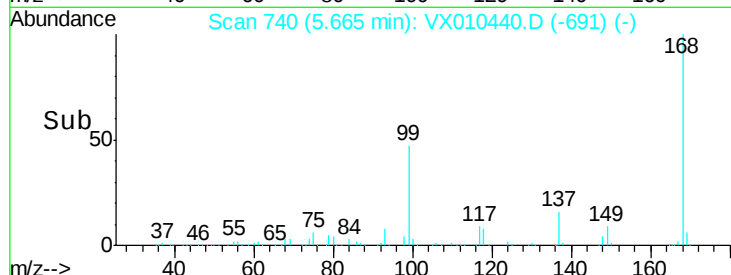
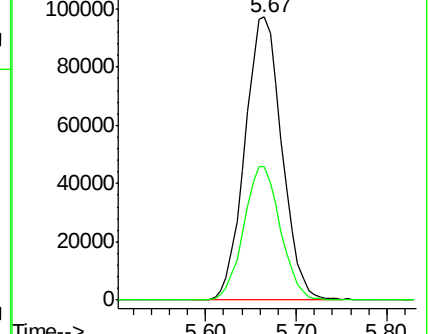
168 100

99 46.9 35.5 53.3



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: 50.262 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010440.D

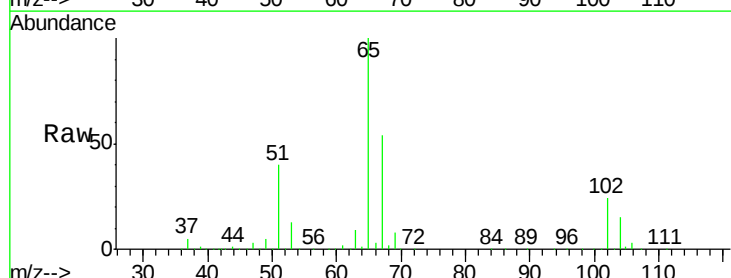
Acq: 25 Jun 2019 17:52

Tgt Ion: 65 Resp: 129396

Ion Ratio Lower Upper

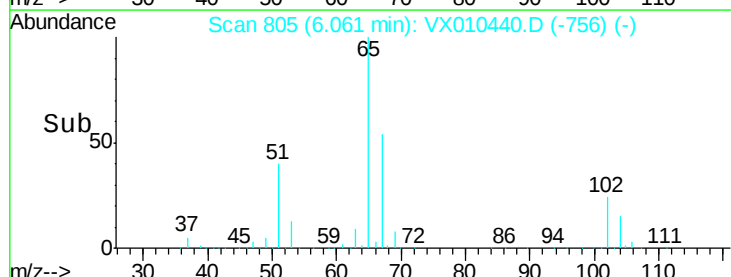
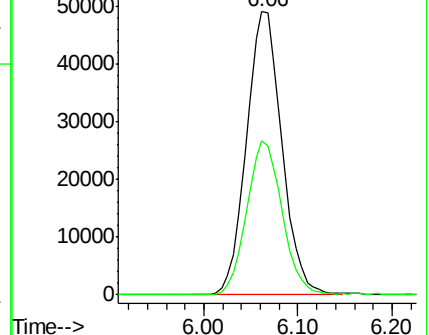
65 100

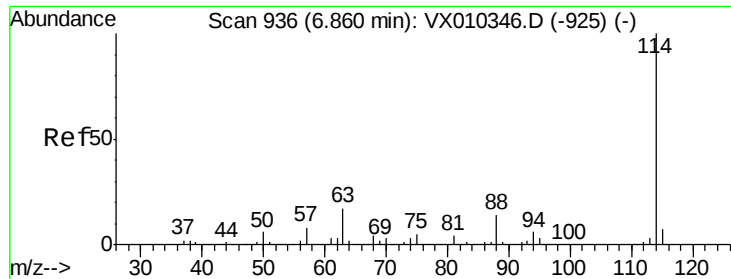
67 54.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

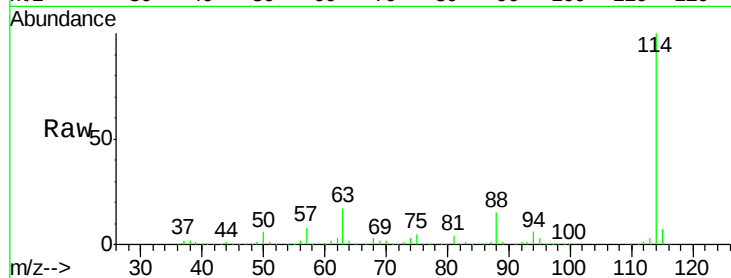




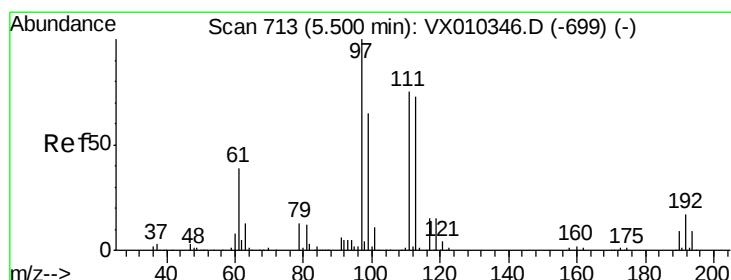
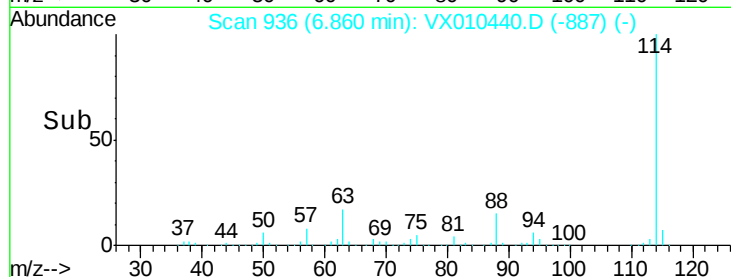
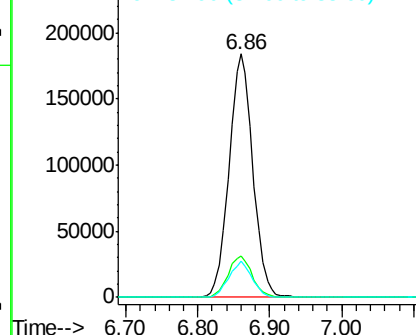
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010440.D
Acq: 25 Jun 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
SP-19-LF2MW4-9001

Tot Ion:114 Resp: 421686
Ion Ratio Lower Upper
114 100
63 16.8 0.0 33.8
88 14.7 0.0 27.6

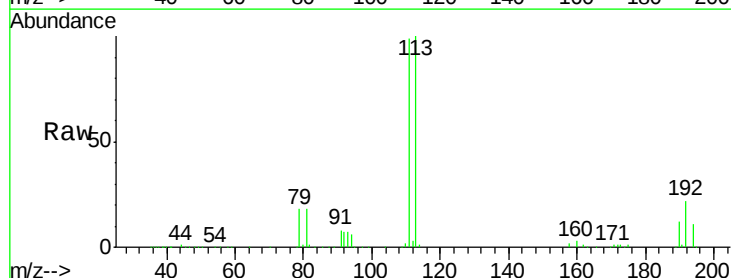


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

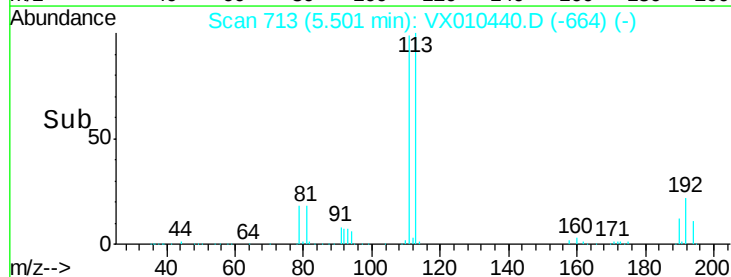
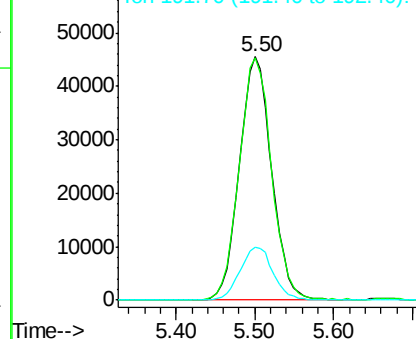


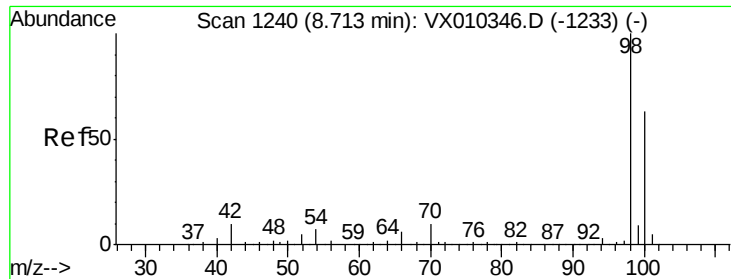
#35
Dibromofluoromethane
Concen: 50.149 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010440.D
Acq: 25 Jun 2019 17:52

Tgt Ion:113 Resp: 129386
Ion Ratio Lower Upper
113 100
111 100.2 81.2 121.8
192 22.3 18.6 27.8



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: 50.470 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010440.D

Acq: 25 Jun 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

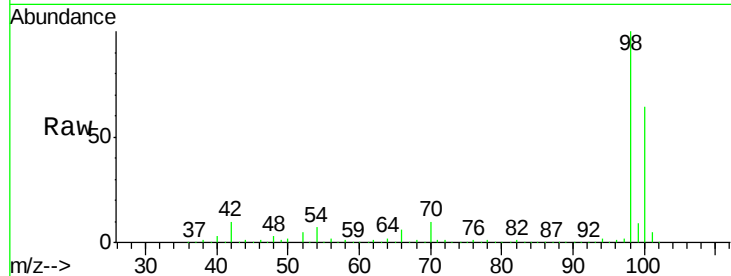
SP-19-LF2MW4-9001

Tot Ion: 98 Resp: 498174

Ion Ratio Lower Upper

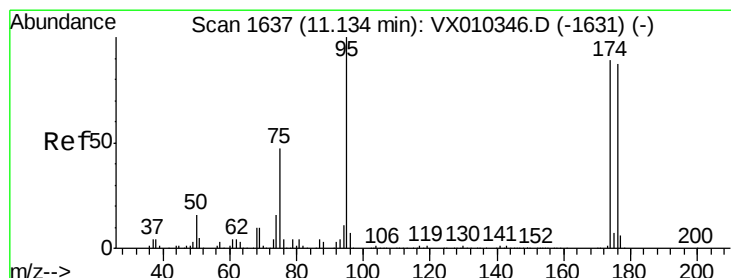
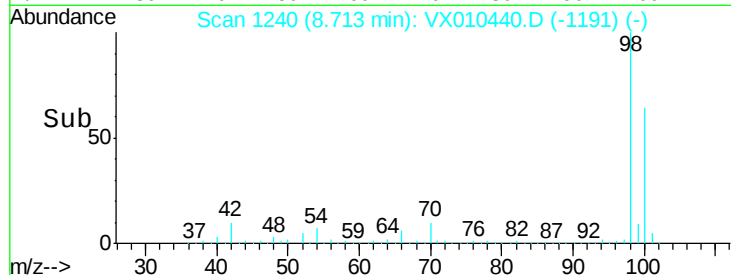
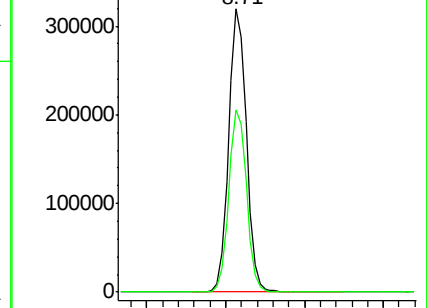
98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.752 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010440.D

Acq: 25 Jun 2019 17:52

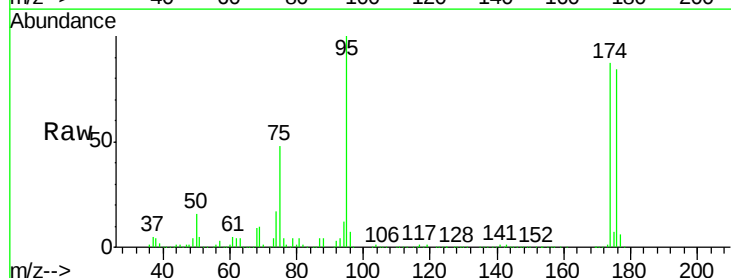
Tgt Ion: 95 Resp: 166606

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.6

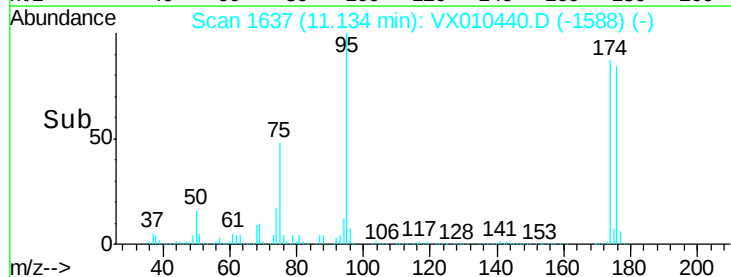
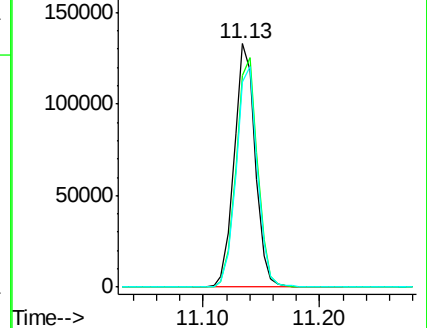
176 92.2 0.0 184.0

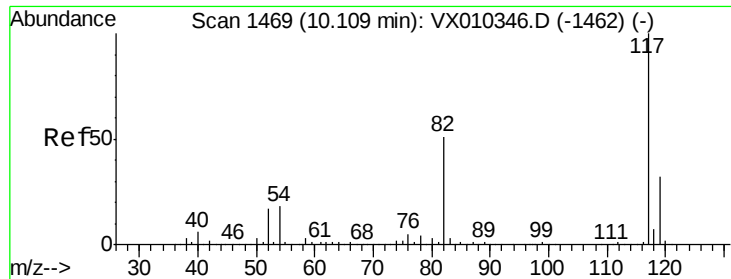


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

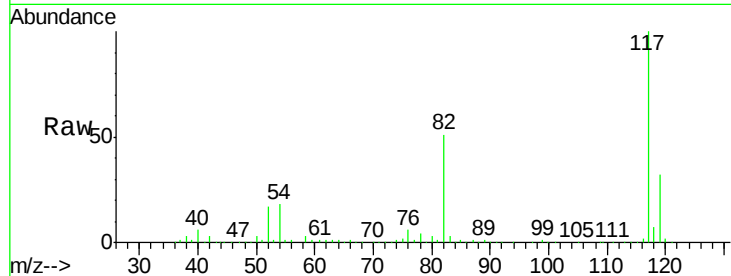




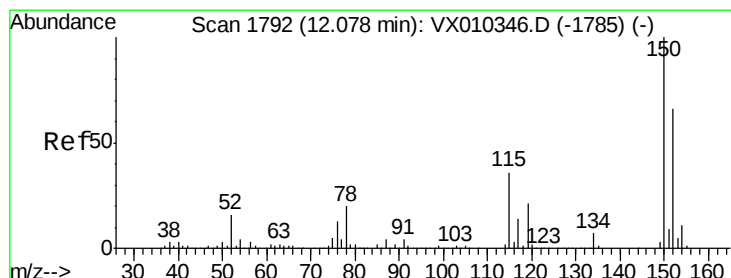
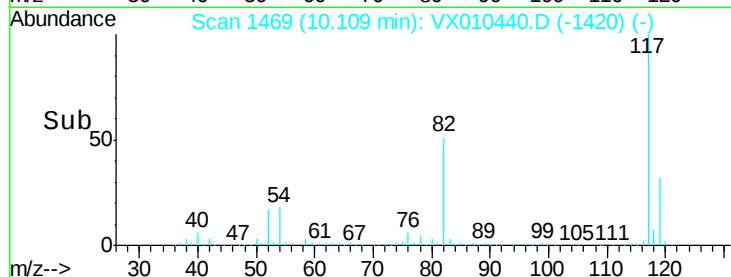
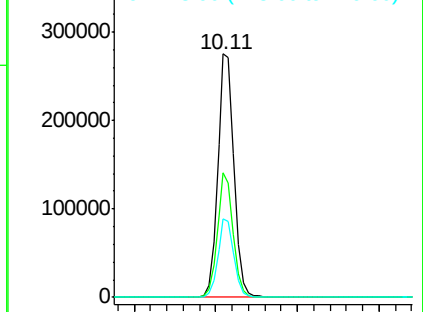
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010440.D
Acq: 25 Jun 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
SP-19-LF2MW4-9001

Tot Ion:117 Resp: 384761
Ion Ratio Lower Upper
117 100
82 51.4 41.2 61.8
119 32.3 25.5 38.3

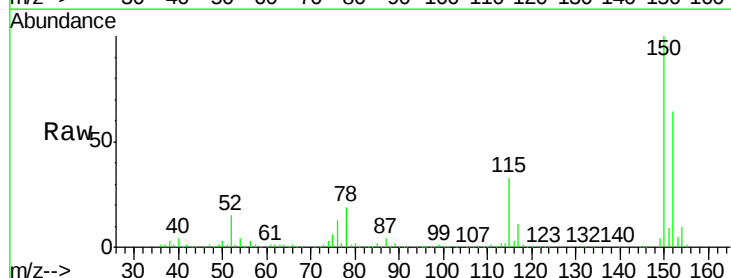


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010440.D
Acq: 25 Jun 2019 17:52

Tgt Ion:152 Resp: 176227
Ion Ratio Lower Upper
152 100
115 54.3 38.6 115.7
150 157.6 0.0 347.4



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

