

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042319\
 Data File : VX009119.D
 Acq On : 23 Apr 2019 14:30
 Operator : JC/SP
 Sample : K2537-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0513-190422

Quant Time: Apr 24 05:27:32 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	236343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127686	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	160833	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
35) Dibromofluoromethane	5.50	113	118515	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
50) Toluene-d8	8.71	98	473103	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.13	95	147753	42.07	ug/l	0.00
Spiked Amount			Recovery	=	84.14%	

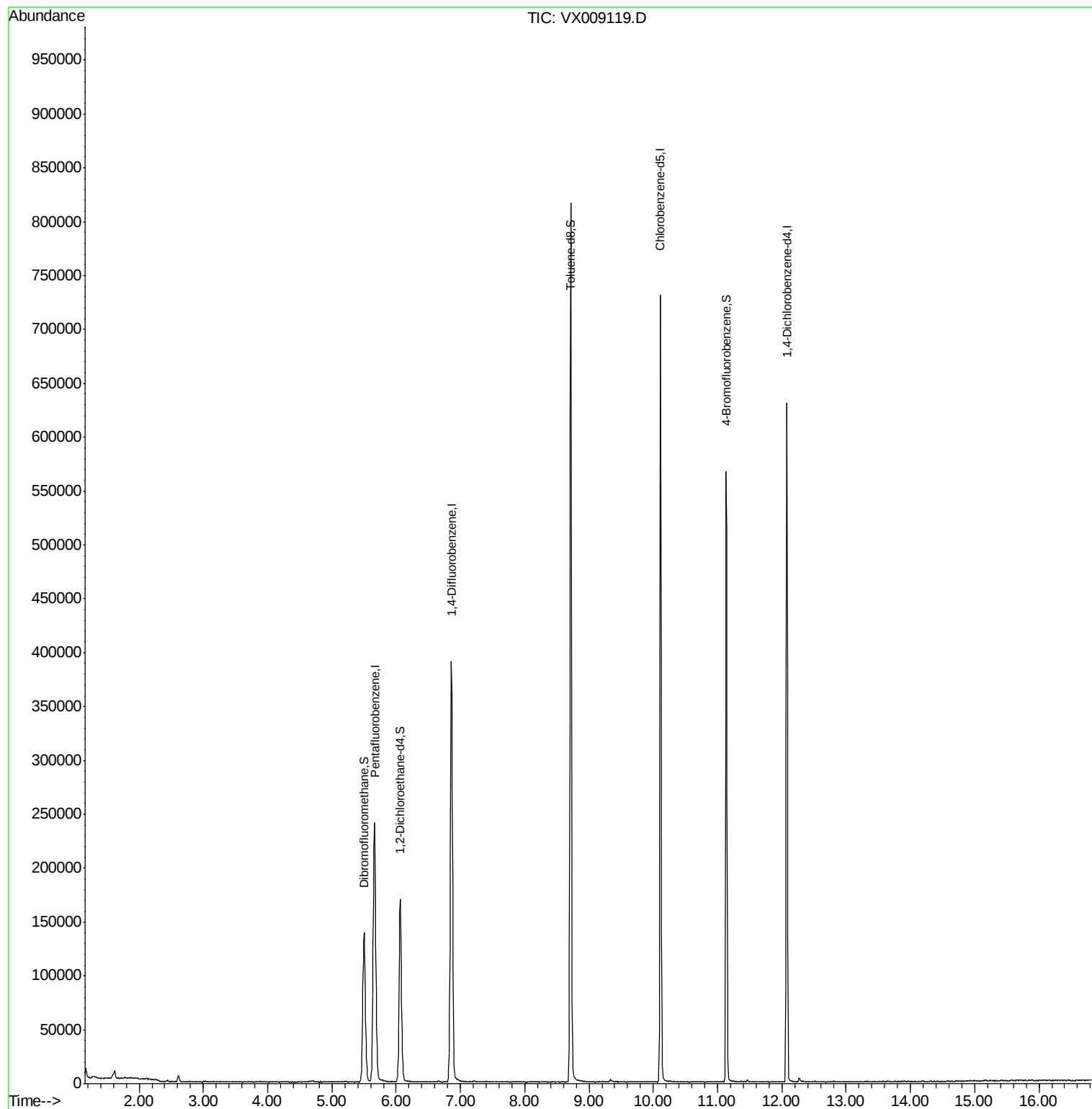
Target Compounds	Qvalue
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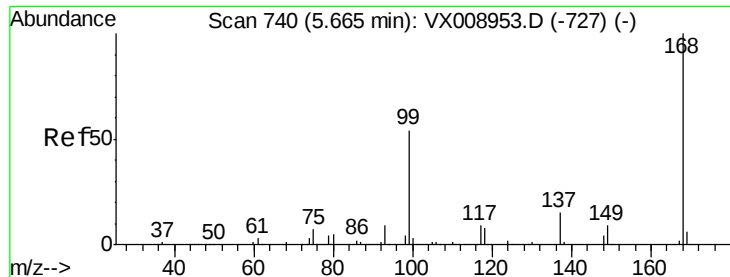
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009119.D

Acq: 23 Apr 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

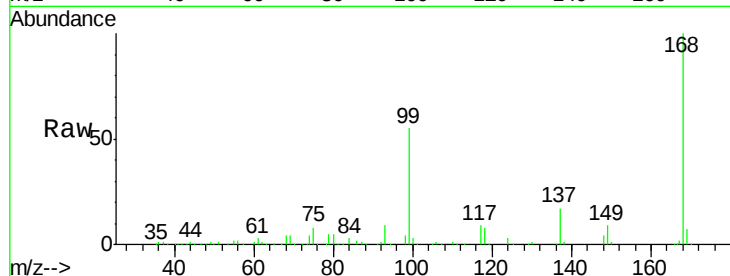
DUP-0513-190422

Tot Ion:168 Resp: 236343

Ion Ratio Lower Upper

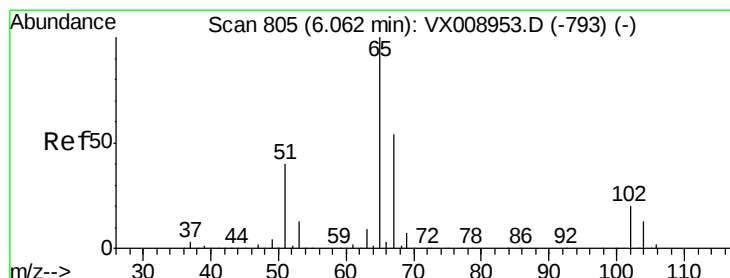
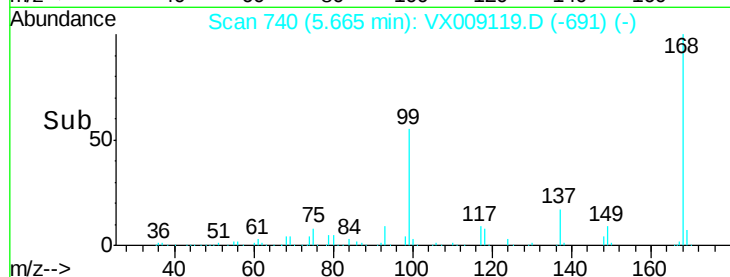
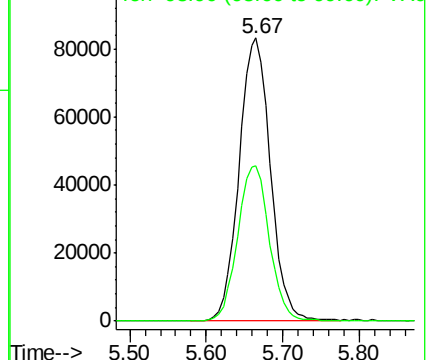
168 100

99 54.9 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: 48.287 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009119.D

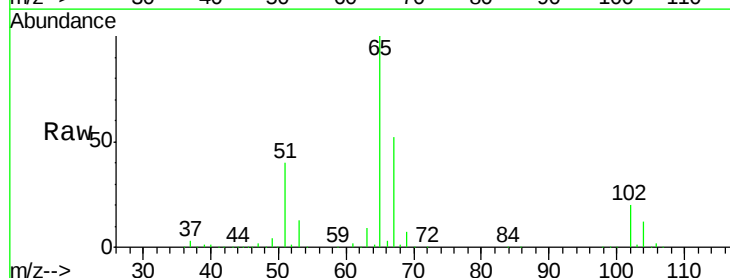
Acq: 23 Apr 2019 14:30

Tgt Ion: 65 Resp: 160833

Ion Ratio Lower Upper

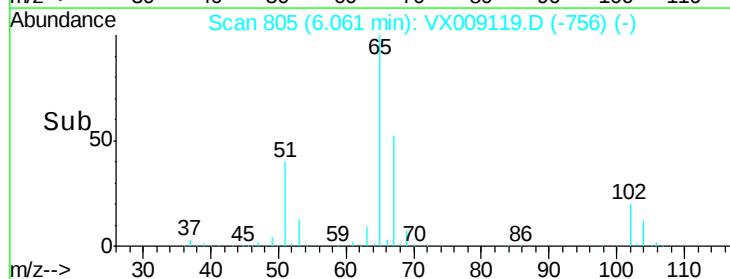
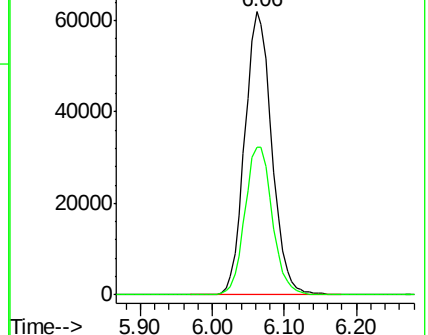
65 100

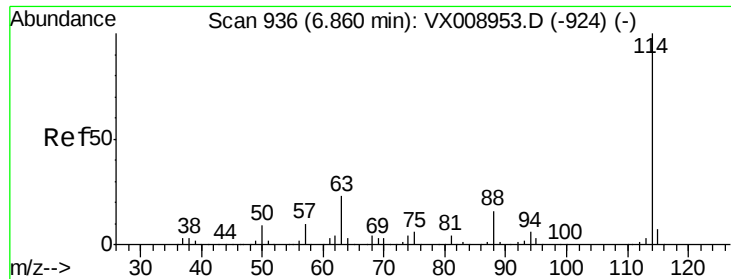
67 53.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

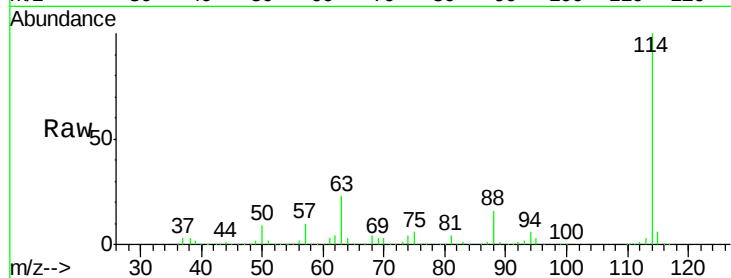




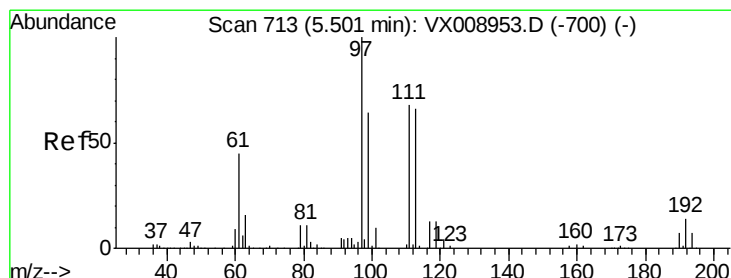
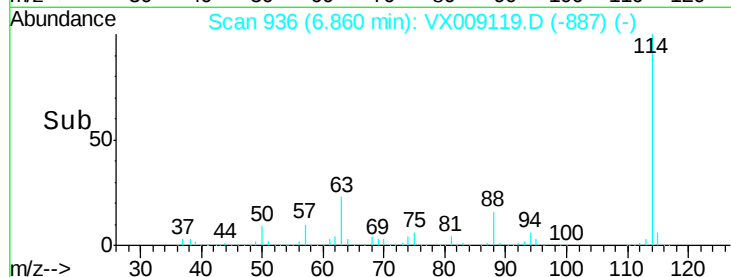
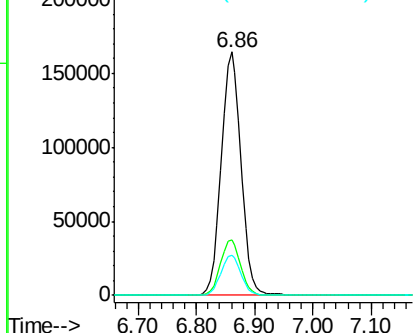
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009119.D
 Acq: 23 Apr 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0513-190422

Tot Ion:114 Resp: 388729
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.0
 88 16.4 0.0 32.6

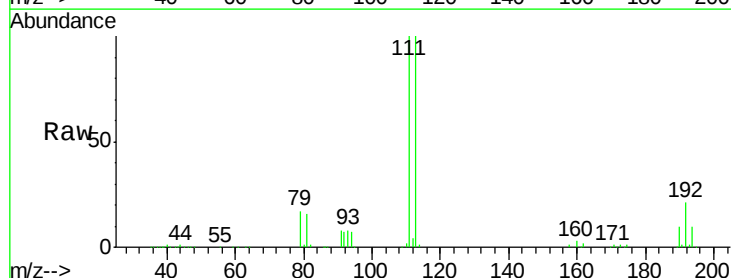


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

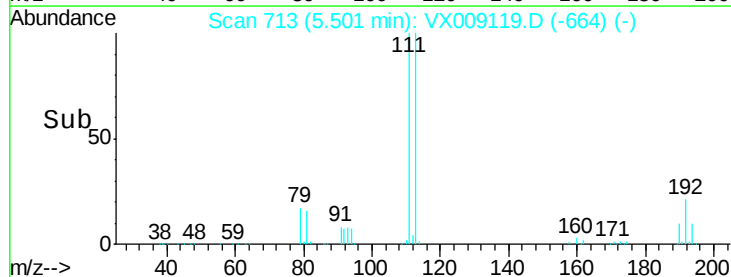
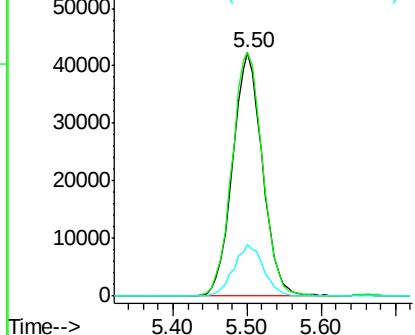


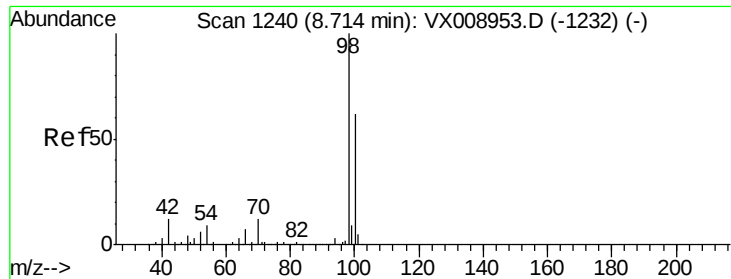
#35
 Dibromofluoromethane
 Concen: 47.505 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009119.D
 Acq: 23 Apr 2019 14:30

Tgt Ion:113 Resp: 118515
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 21.2 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: 47.551 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009119.D

Acq: 23 Apr 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

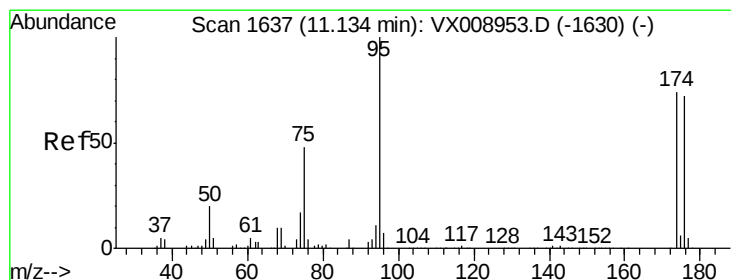
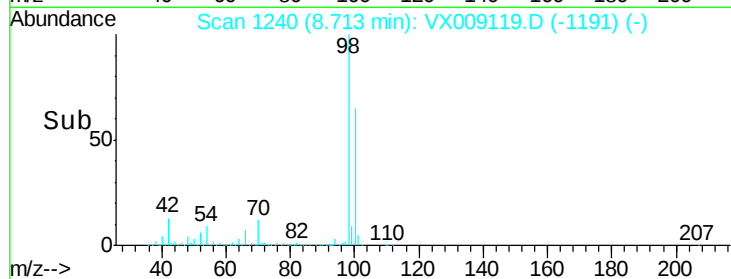
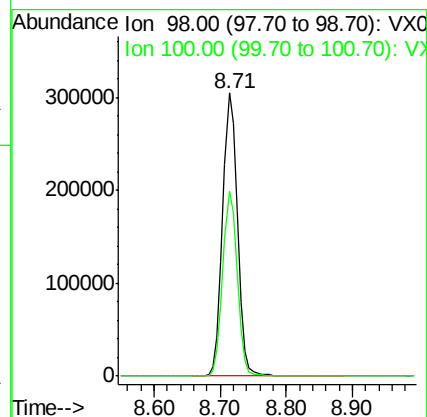
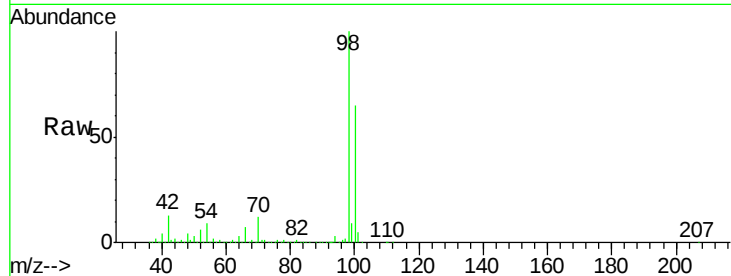
DUP-0513-190422

Tot Ion: 98 Resp: 473103

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 42.070 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009119.D

Acq: 23 Apr 2019 14:30

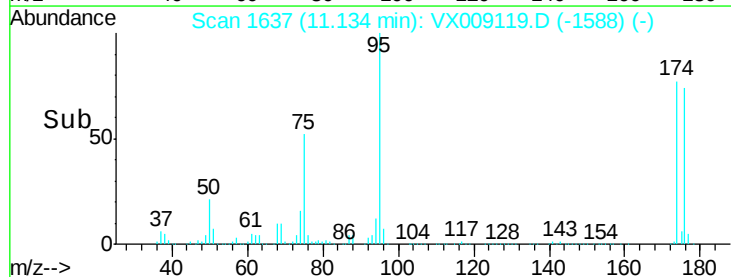
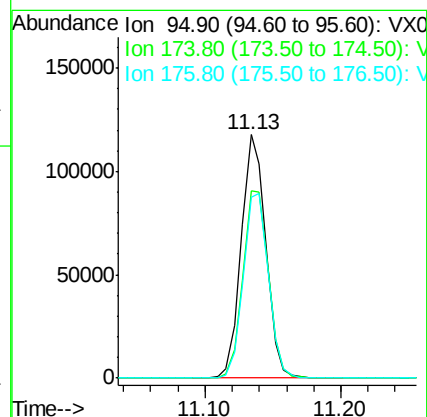
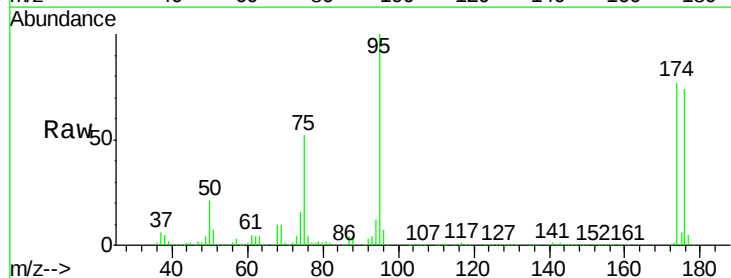
Tgt Ion: 95 Resp: 147753

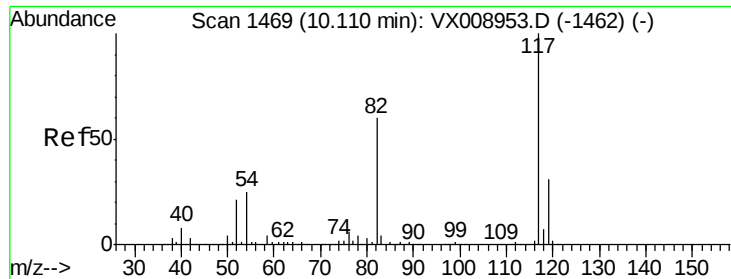
Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.6

176 78.0 0.0 154.8

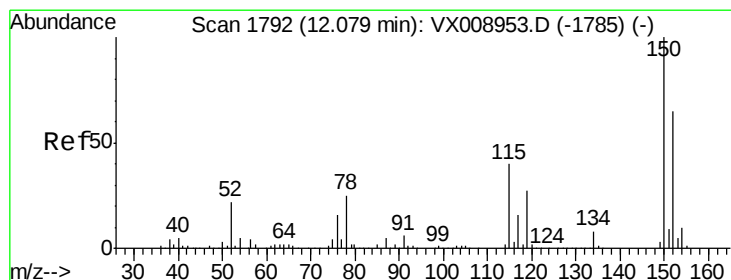
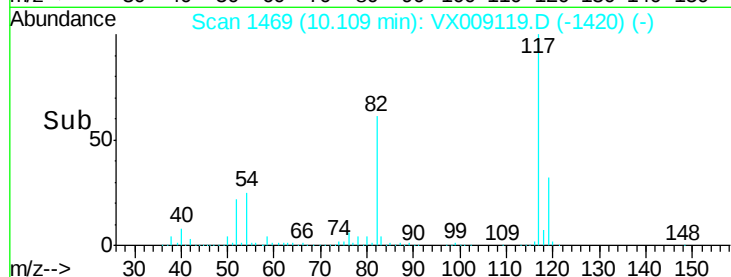
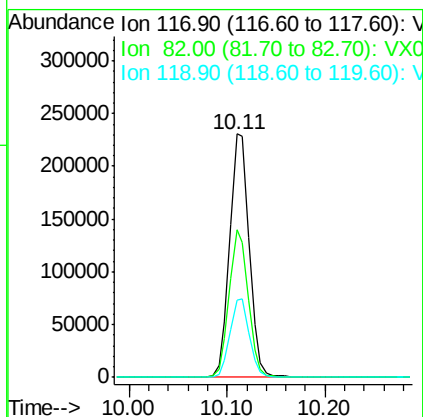
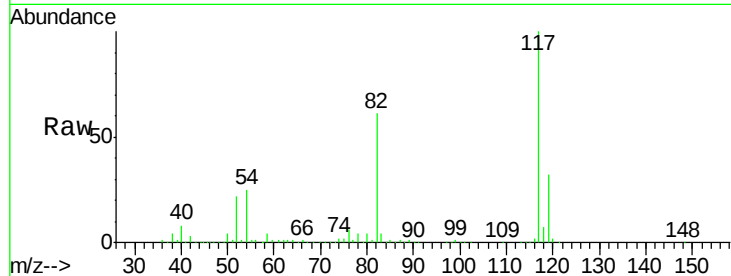




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009119.D
Acq: 23 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0513-190422

Tot Ion:117 Resp: 322094
Ion Ratio Lower Upper
117 100
82 60.6 48.2 72.4
119 31.8 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009119.D
Acq: 23 Apr 2019 14:30

Tgt Ion:152 Resp: 127686
Ion Ratio Lower Upper
152 100
115 59.3 41.4 124.2
150 157.0 0.0 349.8

