

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010124.D
 Acq On : 07 Jun 2019 21:21
 Operator : JC/SP
 Sample : K3221-14DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301I-20190605DL

Quant Time: Jun 08 04:03:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	310415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	467177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140717	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
35) Dibromofluoromethane	5.49	113	143107	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	8.71	98	552471	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	197187	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	

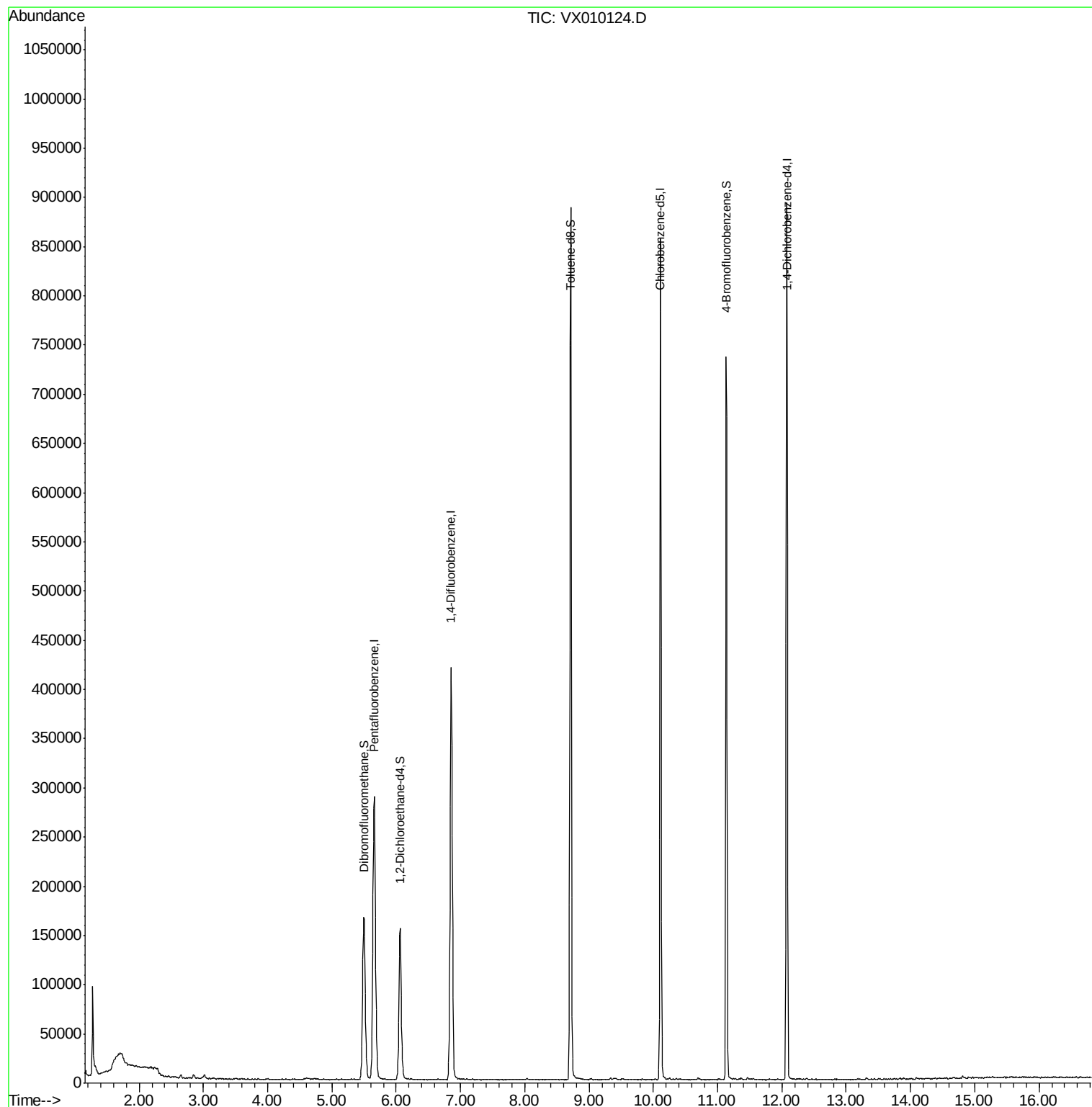
Target Compounds Qvalue

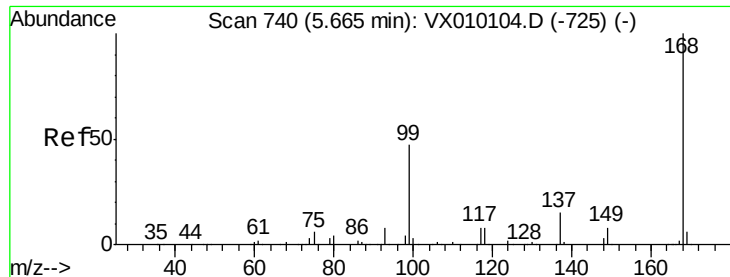
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010124.D

Acq: 07 Jun 2019 21:21

Instrument :

MSVOA_X

ClientSampleId :

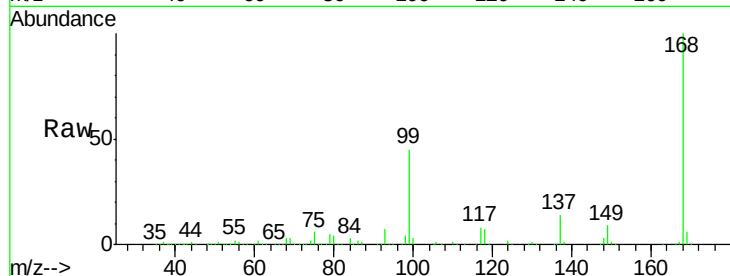
BPS1-TT-MW301I-20190605DL

Tot Ion:168 Resp: 310415

Ion Ratio Lower Upper

168 100

99 45.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

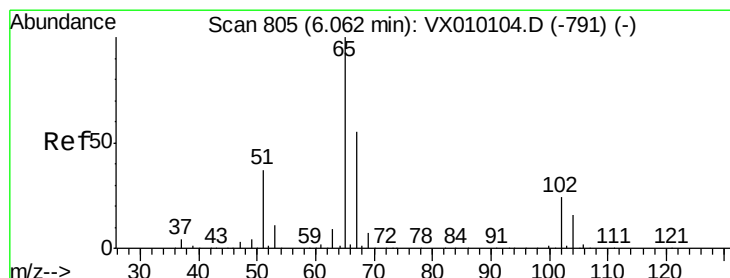
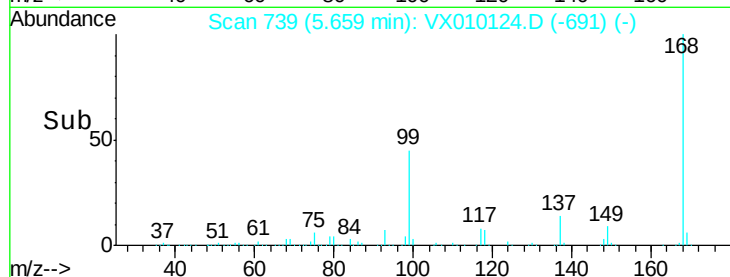
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.441 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010124.D

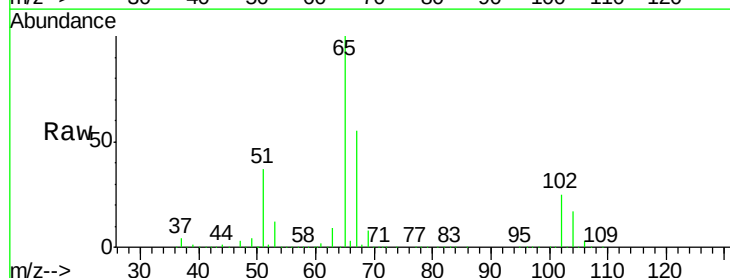
Acq: 07 Jun 2019 21:21

Tgt Ion: 65 Resp: 140717

Ion Ratio Lower Upper

65 100

67 55.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

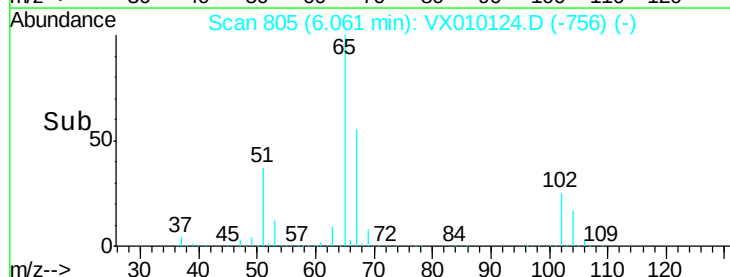
30000

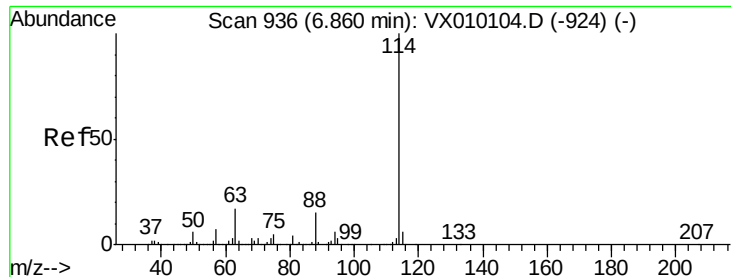
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

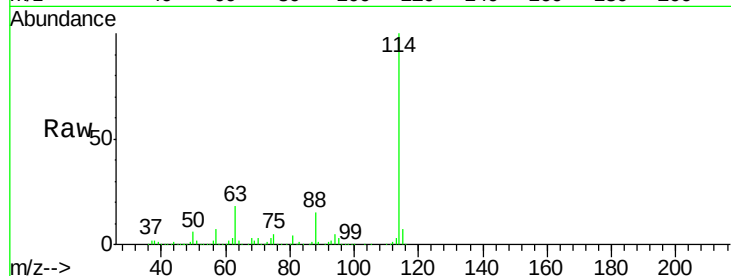




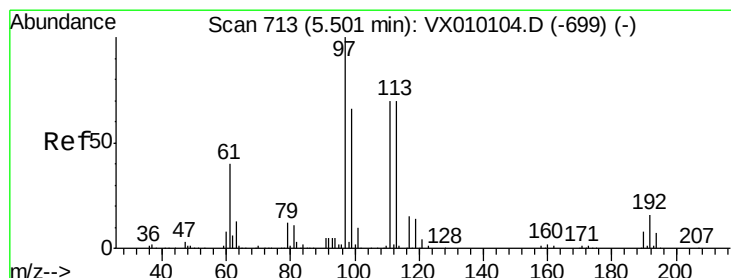
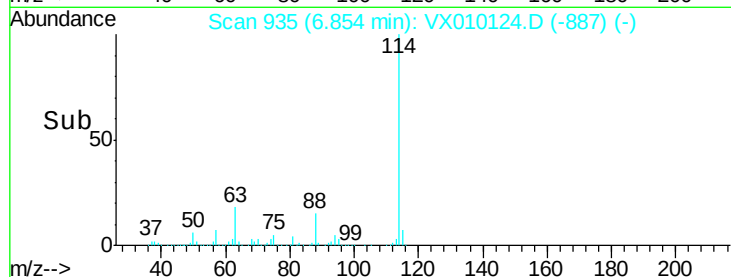
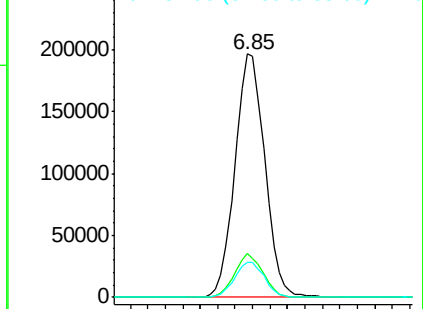
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010124.D
 Acq: 07 Jun 2019 21:21

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301I-20190605DL

Tot Ion:114 Resp: 467177
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 47.4
 88 14.6 0.0 33.0

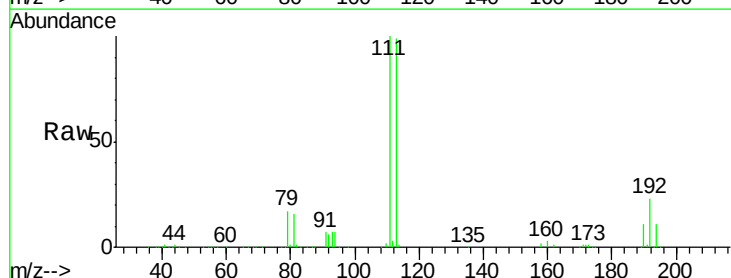


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

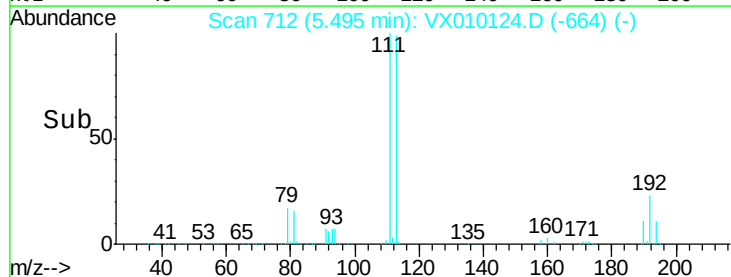
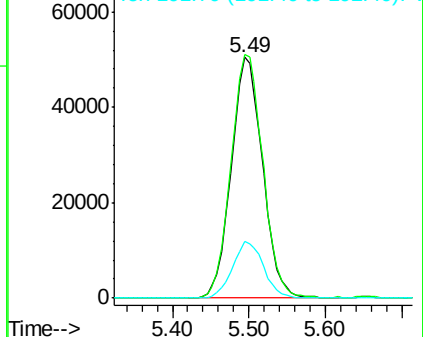


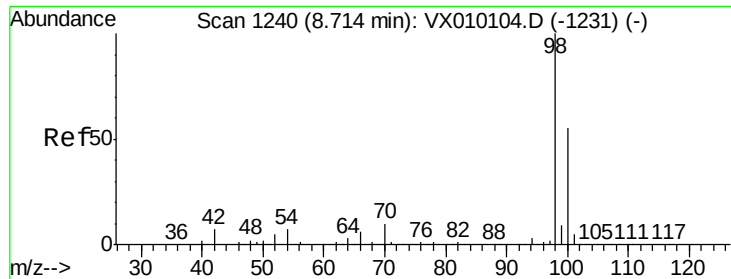
#35
 Dibromofluoromethane
 Concen: 49.661 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010124.D
 Acq: 07 Jun 2019 21:21

Tgt Ion:113 Resp: 143107
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 23.3 17.1 25.7



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: 51.155 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010124.D

Acq: 07 Jun 2019 21:21

Instrument :

MSVOA_X

ClientSampleId :

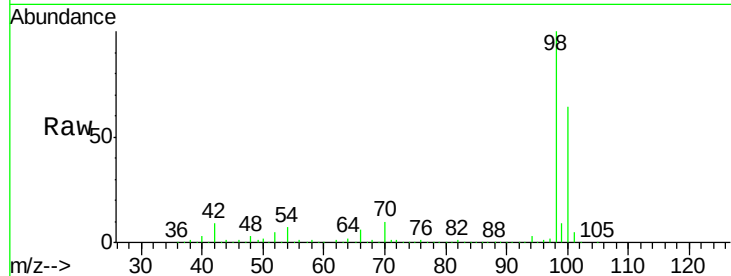
BPS1-TT-MW301I-20190605DL

Tot Ion: 98 Resp: 552471

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

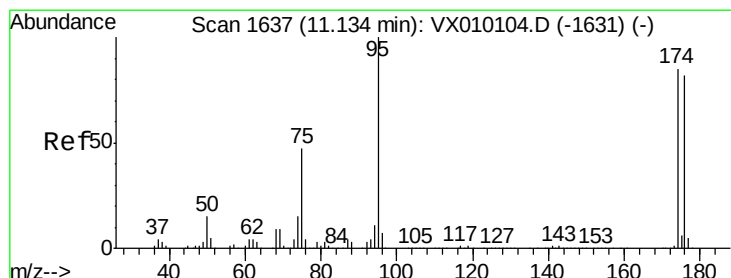
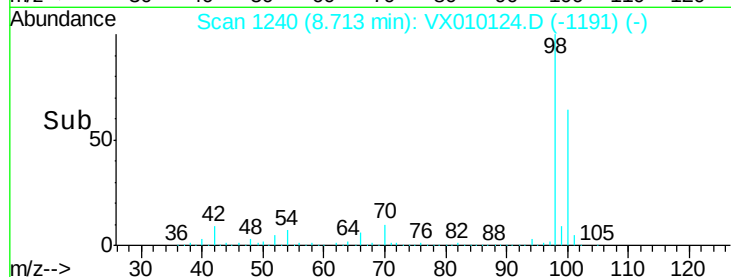
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 48.889 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010124.D

Acq: 07 Jun 2019 21:21

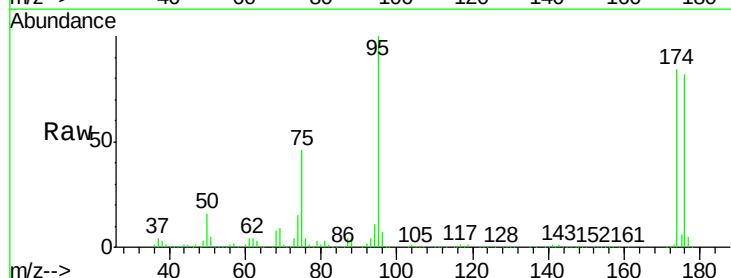
Tgt Ion: 95 Resp: 197187

Ion Ratio Lower Upper

95 100

174 90.7 0.0 160.4

176 87.8 0.0 154.6



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

11.13

200000

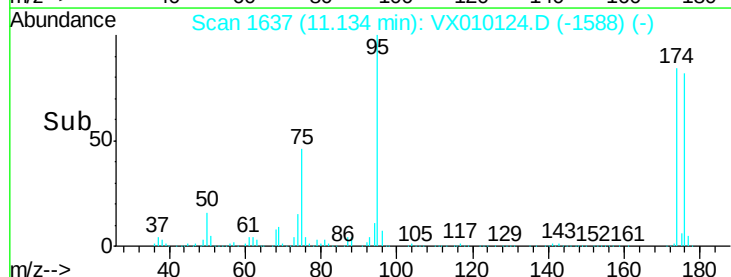
150000

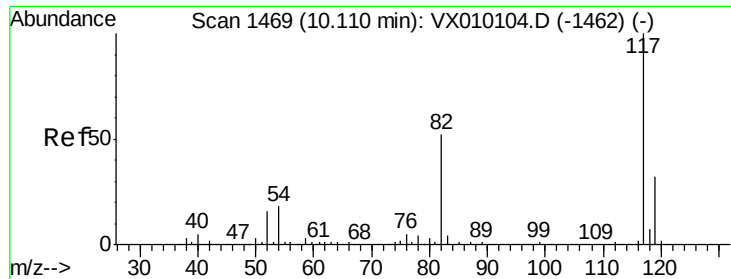
100000

50000

0

Time--> 11.10 11.20

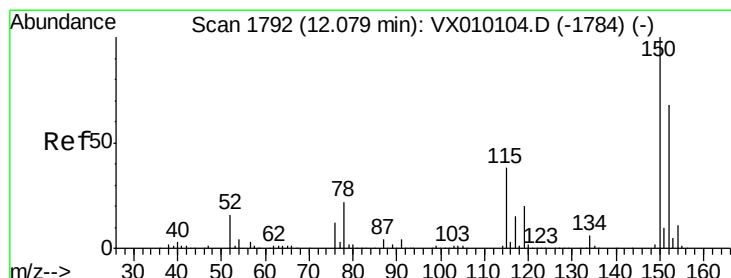
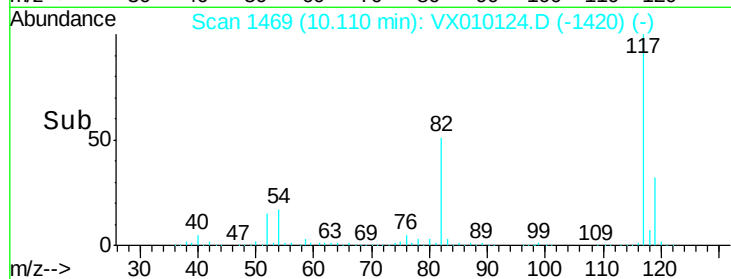
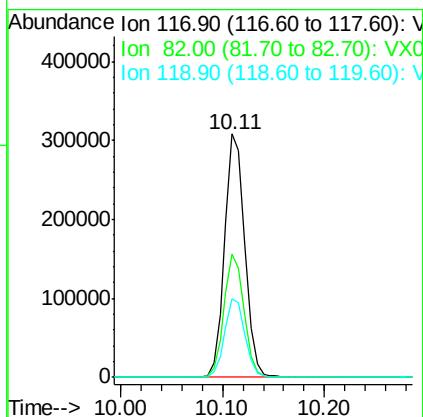
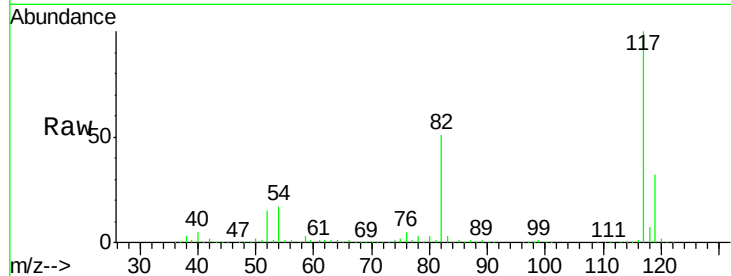




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010124.D
Acq: 07 Jun 2019 21:21

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301I-20190605DL

Tot Ion:117 Resp: 421739
Ion Ratio Lower Upper
117 100
82 50.5 49.2 73.8
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010124.D
Acq: 07 Jun 2019 21:21

Tgt Ion:152 Resp: 205022
Ion Ratio Lower Upper
152 100
115 54.5 41.4 124.2
150 154.7 0.0 345.2

