

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010442.D
 Acq On : 25 Jun 2019 18:38
 Operator : JC/SP
 Sample : K3519-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-JMW0801B

Quant Time: Jun 26 02:06:11 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	268595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168457	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	127655	50.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.38%	
35) Dibromofluoromethane	5.50	113	126019	49.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	489866	50.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.13	95	160144	45.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.84%	

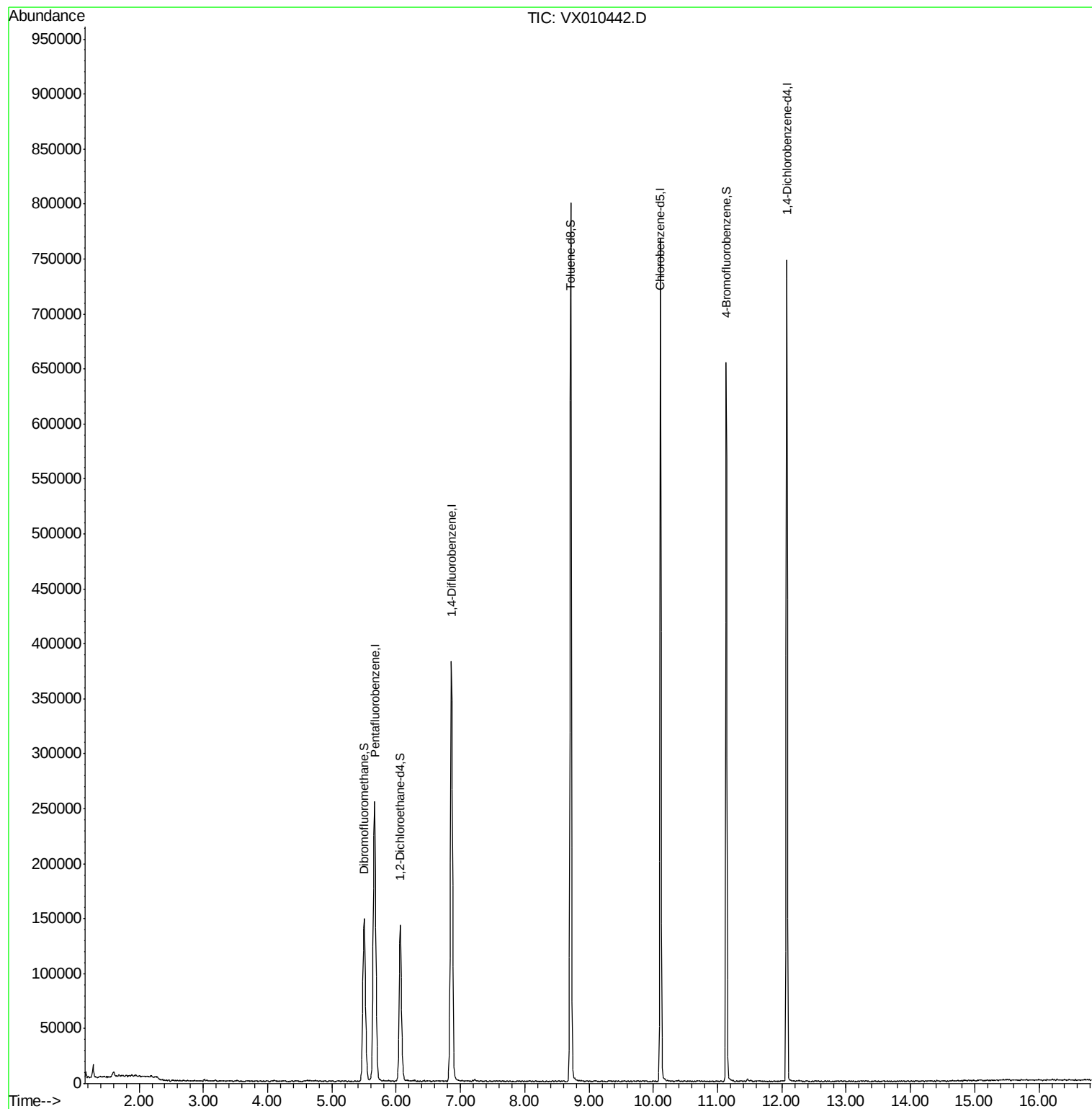
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010442.D

Acq: 25 Jun 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

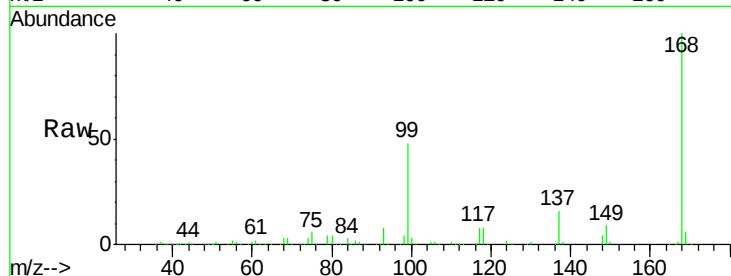
SP-19-JMW0801B

Tot Ion:168 Resp: 268595

Ion Ratio Lower Upper

168 100

99 48.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

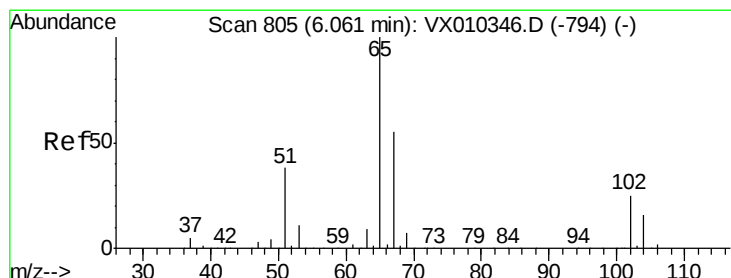
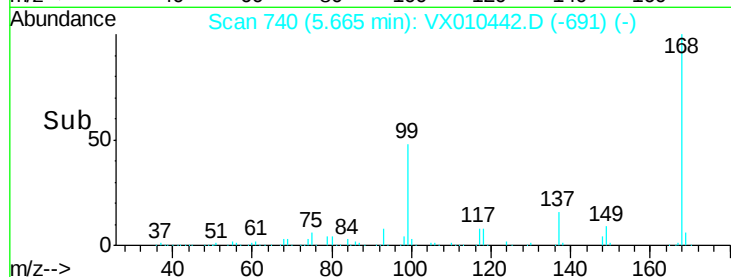
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.690 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010442.D

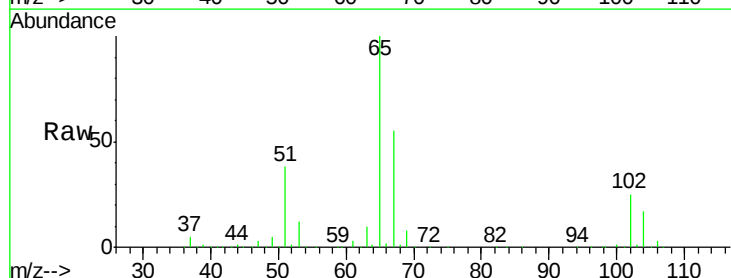
Acq: 25 Jun 2019 18:38

Tgt Ion: 65 Resp: 127655

Ion Ratio Lower Upper

65 100

67 55.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

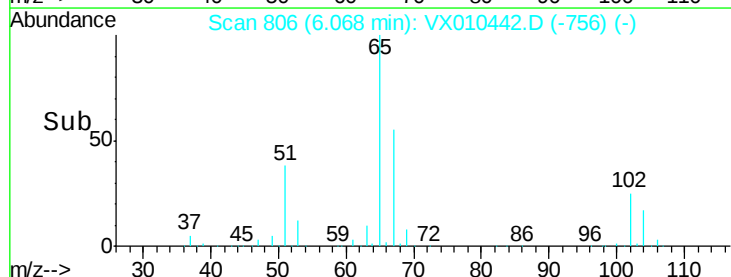
30000

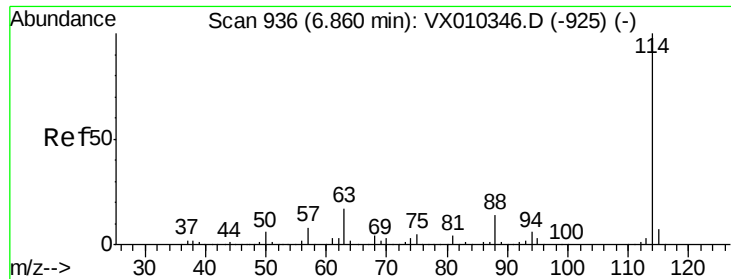
20000

10000

0

Time--> 6.00 6.10 6.20

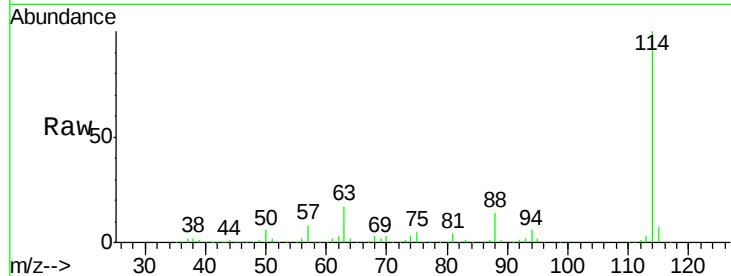




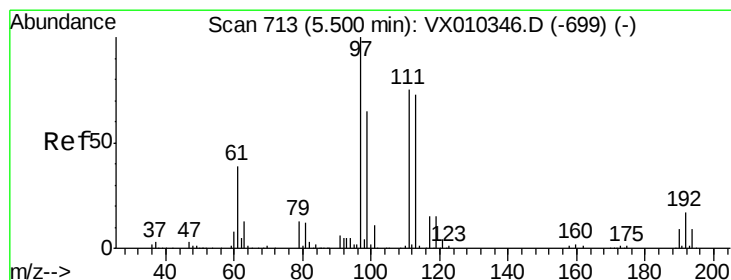
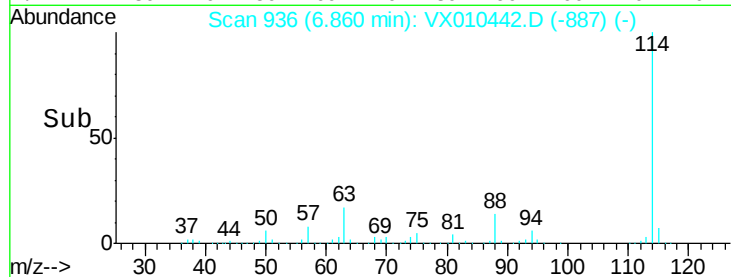
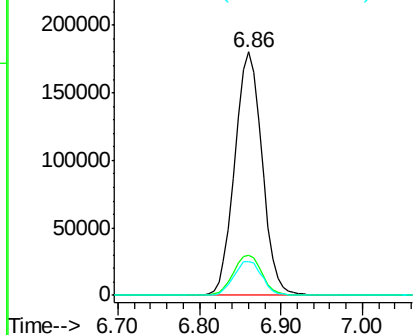
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010442.D
 Acq: 25 Jun 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-JMW0801B

Tot Ion:114 Resp: 417204
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 33.8
 88 14.0 0.0 27.6

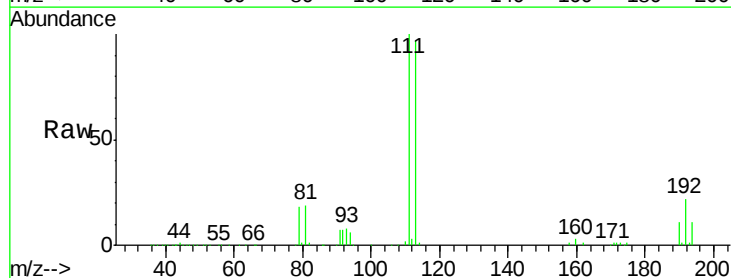


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

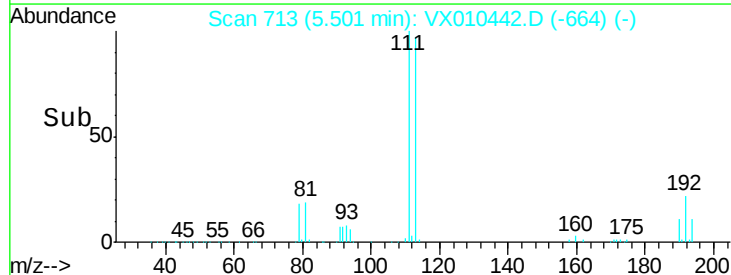
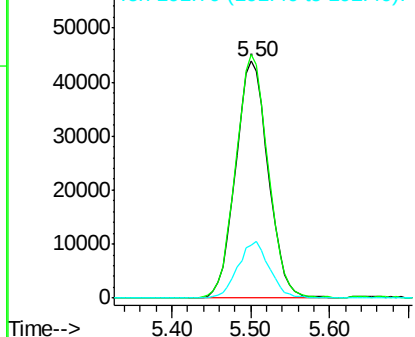


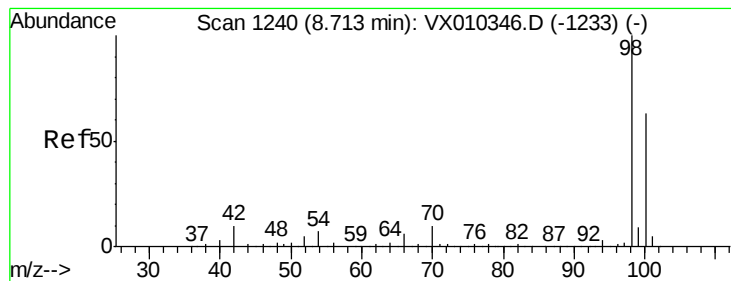
#35
 Dibromofluoromethane
 Concen: 49.369 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010442.D
 Acq: 25 Jun 2019 18:38

Tgt Ion:113 Resp: 126019
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.2 121.8
 192 22.9 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: 50.162 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010442.D

Acq: 25 Jun 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

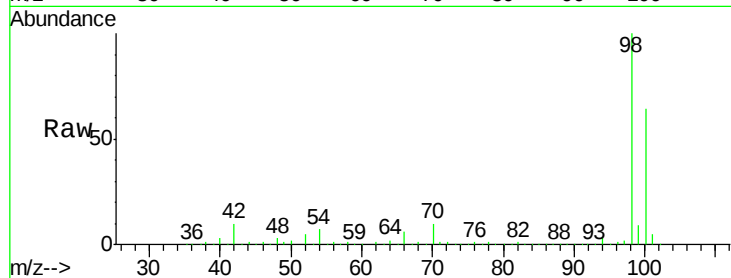
SP-19-JMW0801B

Tot Ion: 98 Resp: 489866

Ion Ratio Lower Upper

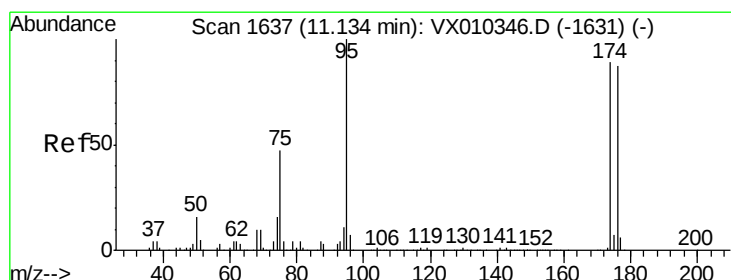
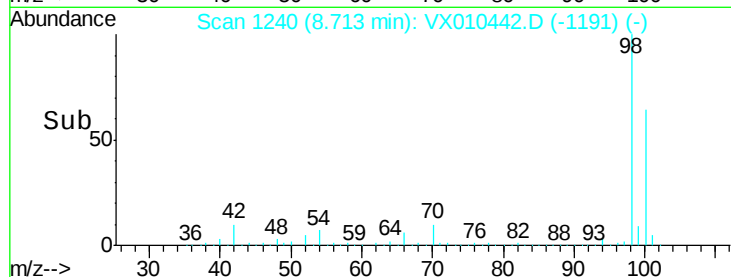
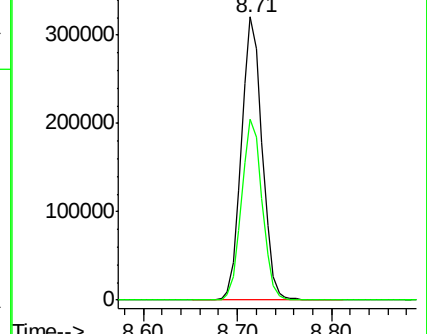
98 100

100 63.8 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: 45.422 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010442.D

Acq: 25 Jun 2019 18:38

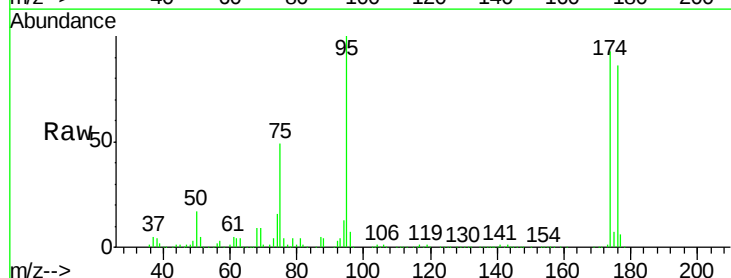
Tgt Ion: 95 Resp: 160144

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.6

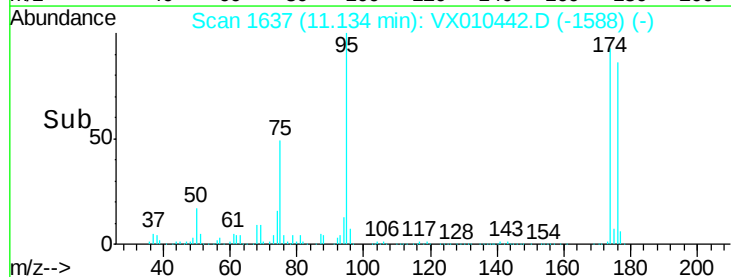
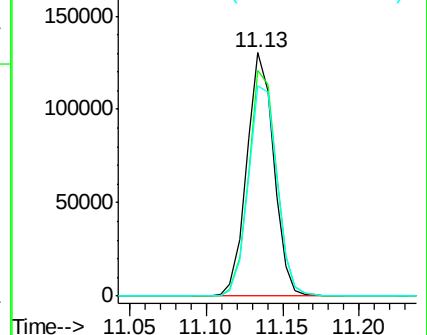
176 91.9 0.0 184.0

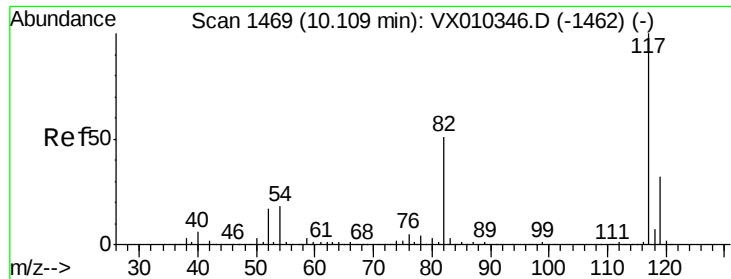


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

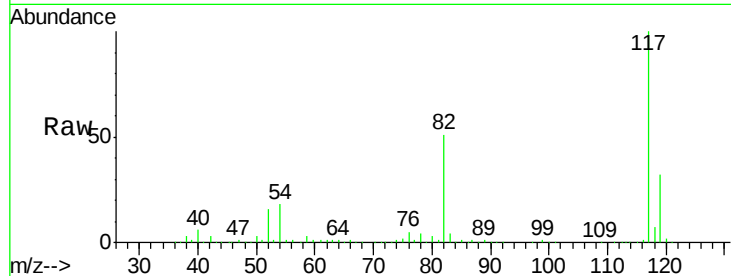




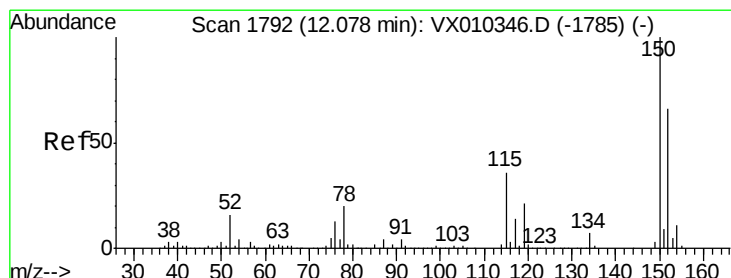
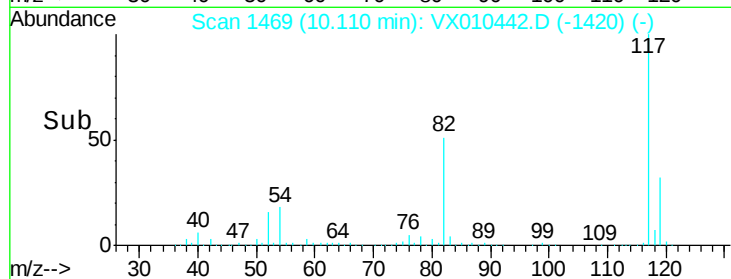
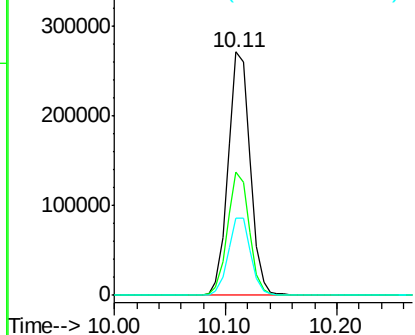
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010442.D
Acq: 25 Jun 2019 18:38

Instrument :
MSVOA_X
ClientSampled :
SP-19-JMW0801B

Tot Ion:117 Resp: 371666
Ion Ratio Lower Upper
117 100
82 50.5 41.2 61.8
119 31.7 25.5 38.3

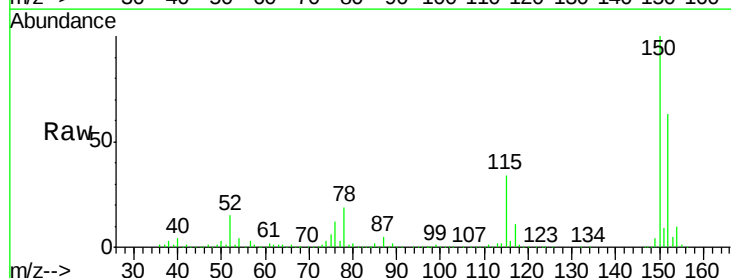


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010442.D
Acq: 25 Jun 2019 18:38

Tgt Ion:152 Resp: 168457
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 156.5 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

