

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004923.D
 Acq On : 02 Oct 2018 17:14
 Operator : JC/MD
 Sample : VX1003WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBL01

Quant Time: Oct 03 05:13:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	343819	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188273	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	160671	54.05	ug/l	0.00
Spiked Amount						
			Recovery	=	108.10%	
35) Dibromofluoromethane	5.50	113	136684	46.91	ug/l	0.00
Spiked Amount						
			Recovery	=	93.82%	
50) Toluene-d8	8.71	98	499564	51.57	ug/l	0.00
Spiked Amount						
			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.14	95	182660	52.34	ug/l	0.00
Spiked Amount						
			Recovery	=	104.68%	

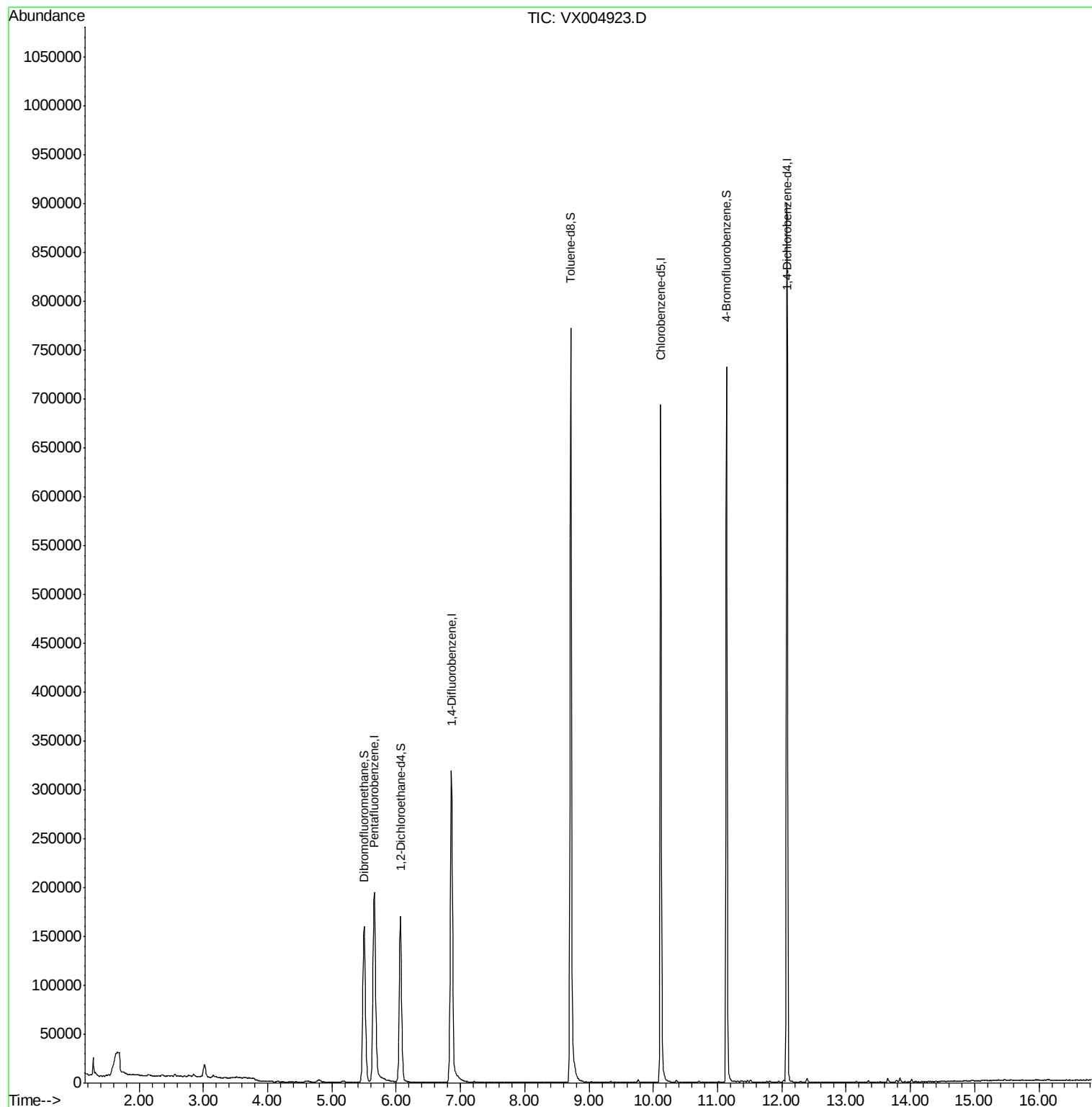
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004923.D

Acq: 02 Oct 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

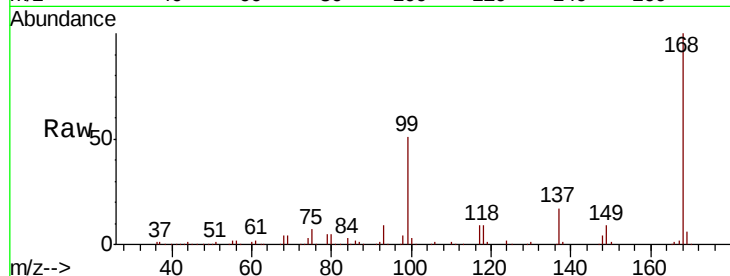
VX1003WBL01

Tot Ion:168 Resp: 208107

Ion Ratio Lower Upper

168 100

99 50.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

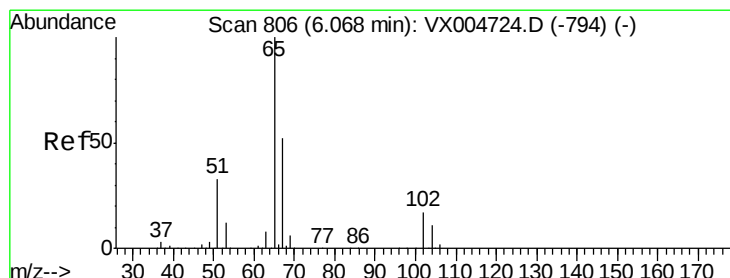
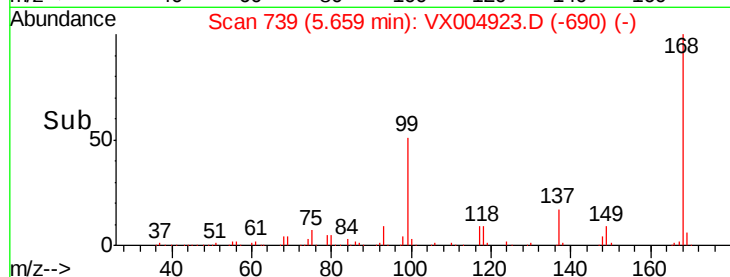
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.047 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004923.D

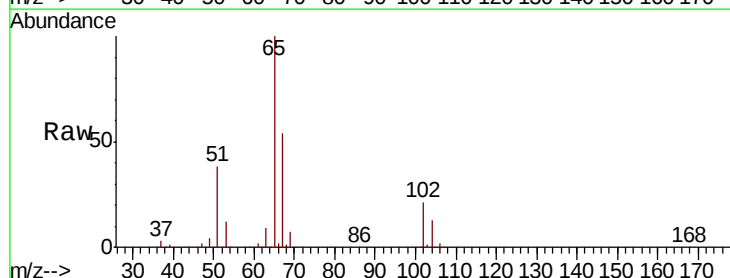
Acq: 02 Oct 2018 17:14

Tgt Ion: 65 Resp: 160671

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

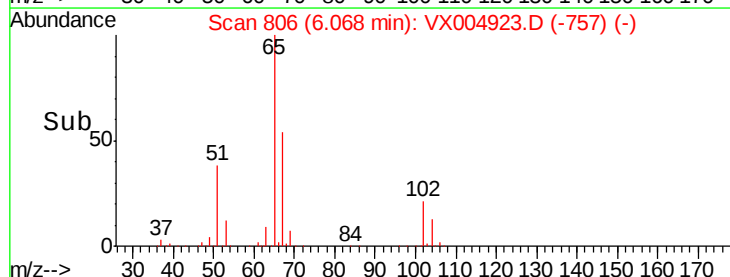
40000

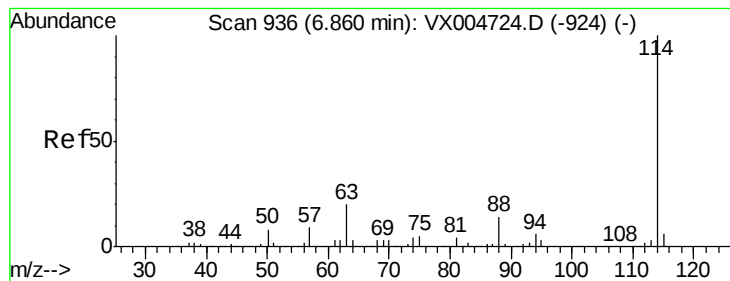
20000

0

Time-->

5.90 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: VX004923.D

Acq: 02 Oct 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBL01

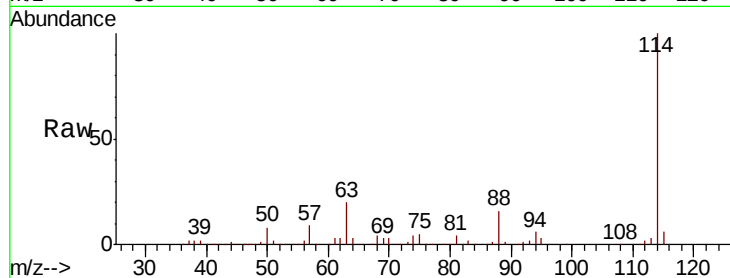
Tot Ion:114 Resp: 343819

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

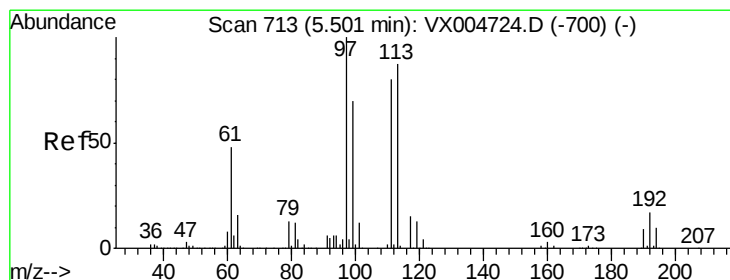
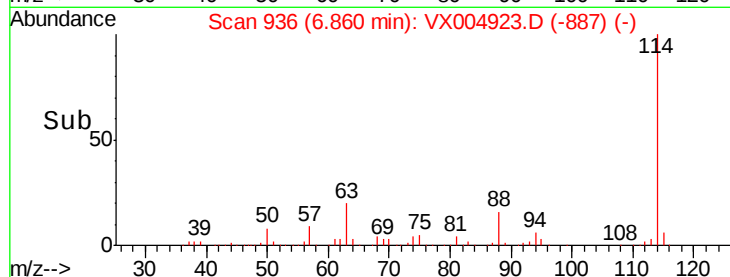
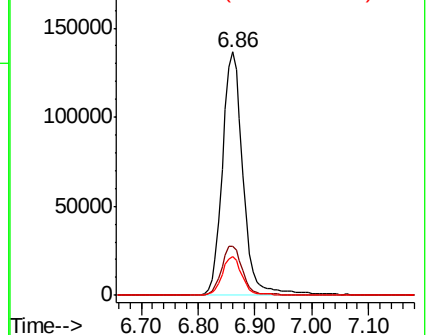
88 15.9 0.0 27.0



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: 46.907 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004923.D

Acq: 02 Oct 2018 17:14

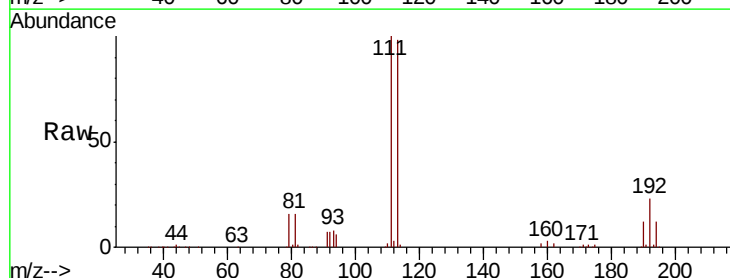
Tgt Ion:113 Resp: 136684

Ion Ratio Lower Upper

113 100

111 101.0 77.0 115.4

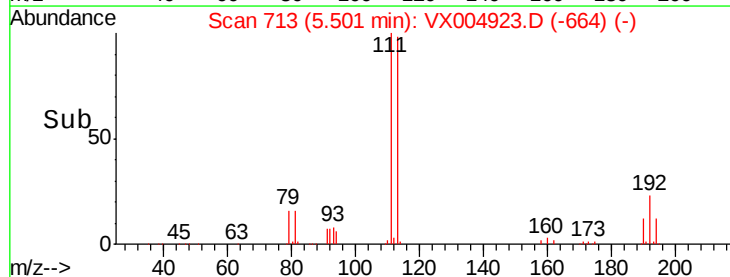
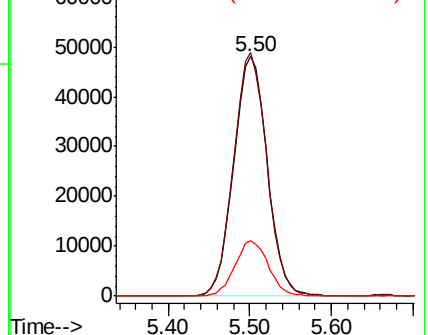
192 23.1 17.0 25.6

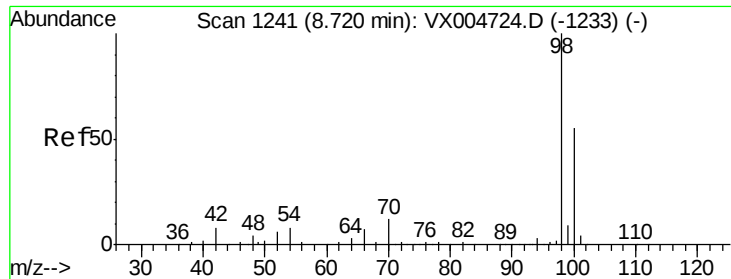


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.569 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004923.D

Acq: 02 Oct 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

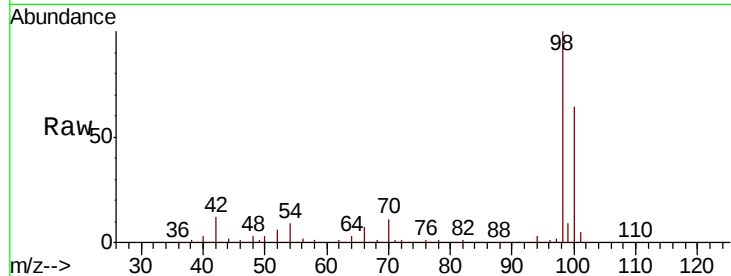
VX1003WBL01

Tot Ion: 98 Resp: 499564

Ion Ratio Lower Upper

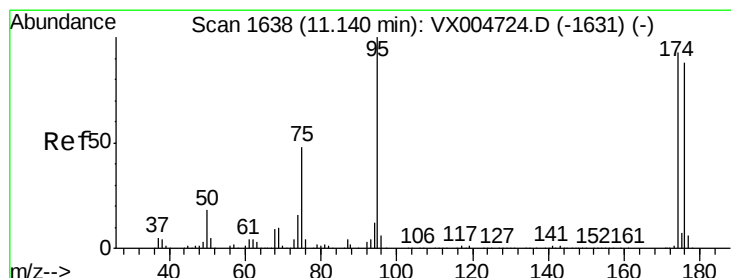
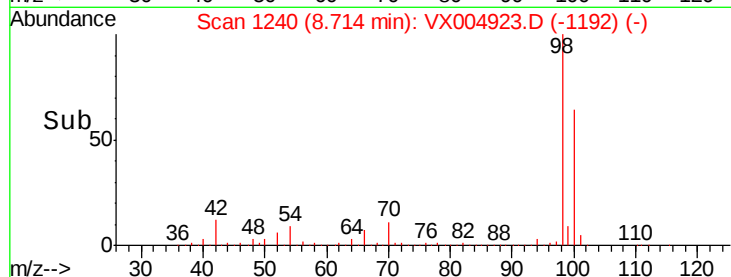
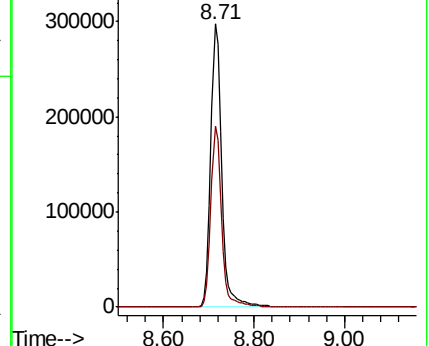
98 100

100 63.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 52.340 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004923.D

Acq: 02 Oct 2018 17:14

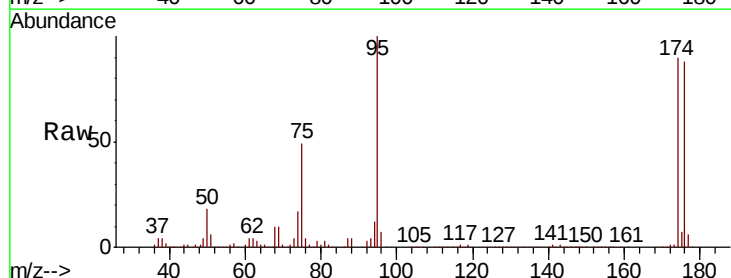
Tgt Ion: 95 Resp: 182660

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.0

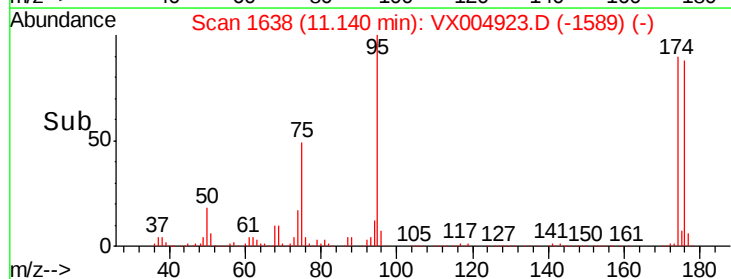
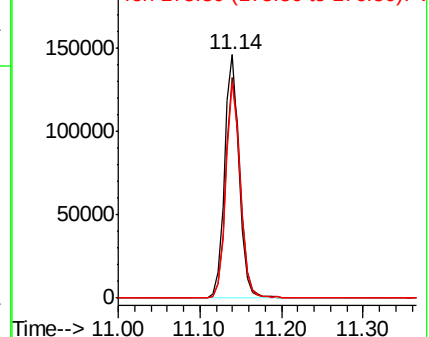
176 87.7 0.0 180.2

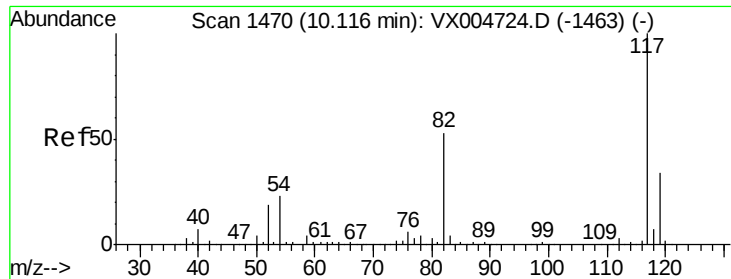


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

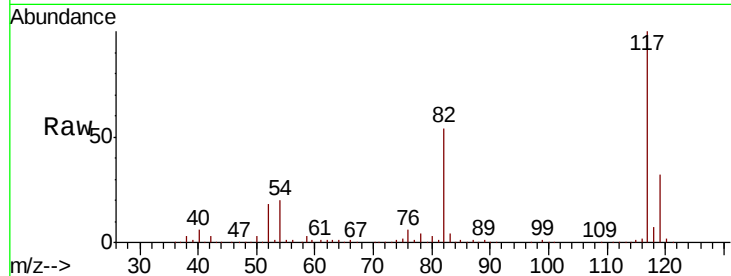




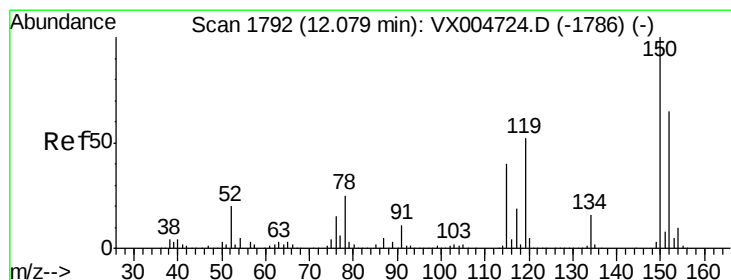
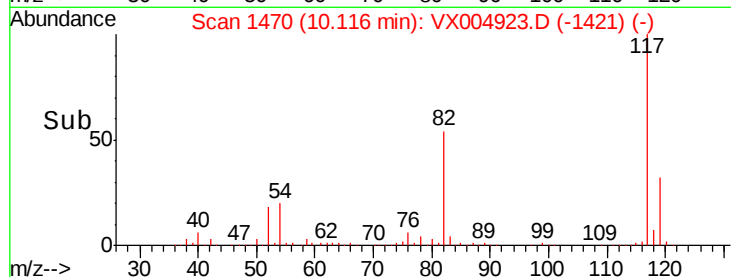
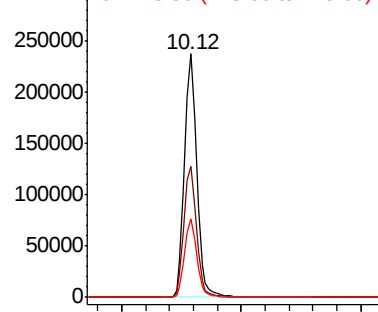
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VX004923.D
 Acq: 02 Oct 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBL01

Tot Ion:117 Resp: 336488
 Ion Ratio Lower Upper
 117 100
 82 53.9 42.2 63.4
 119 32.2 27.4 41.0

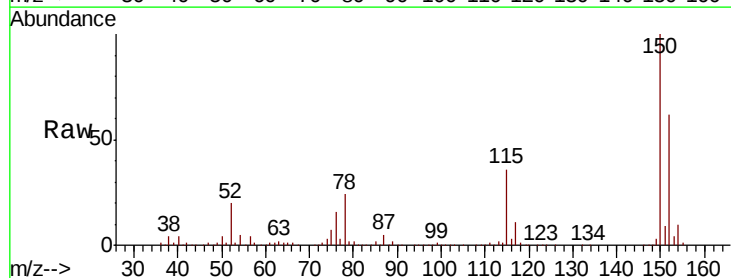


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX004923.D
 Acq: 02 Oct 2018 17:14

Tgt Ion:152 Resp: 188273
 Ion Ratio Lower Upper
 152 100
 115 55.7 40.2 120.6
 150 156.4 0.0 351.0



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

