

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004996.D
 Acq On : 04 Oct 2018 04:15
 Operator : JC/MD
 Sample : VX1004WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBL02

Quant Time: Oct 04 08:58:20 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	5.67	168	287530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	439321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	202276	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	5.51	113	178983	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	8.72	98	616034	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.14	95	225999	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

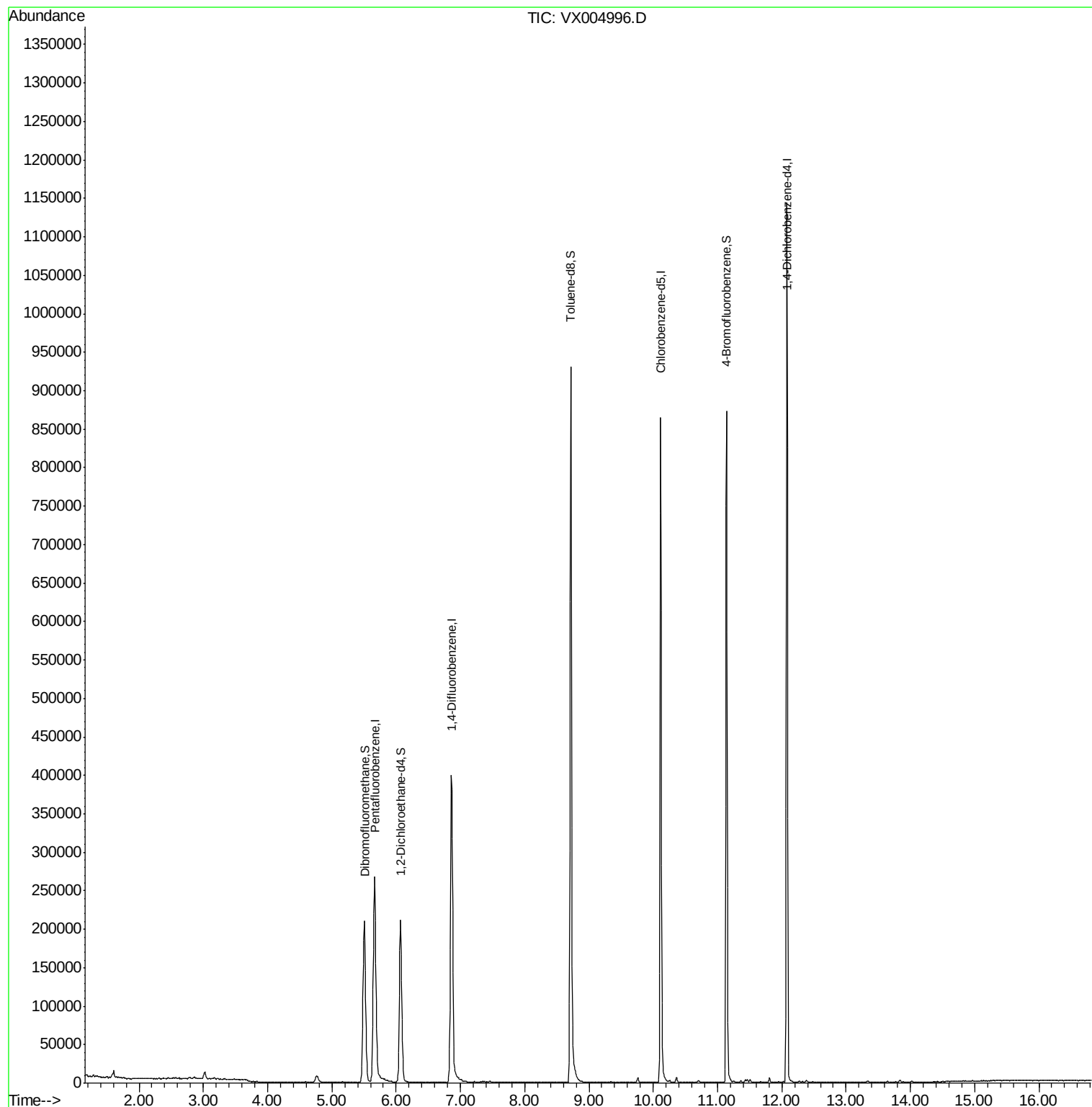
Target Compounds	Qvalue

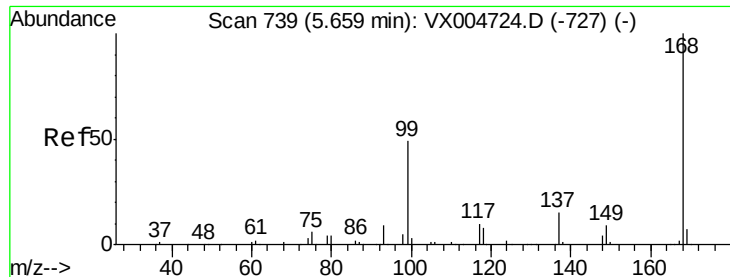
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 04:00:03 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004996.D

Acq: 04 Oct 2018 04:15

Instrument :

MSVOA_X

ClientSampleId :

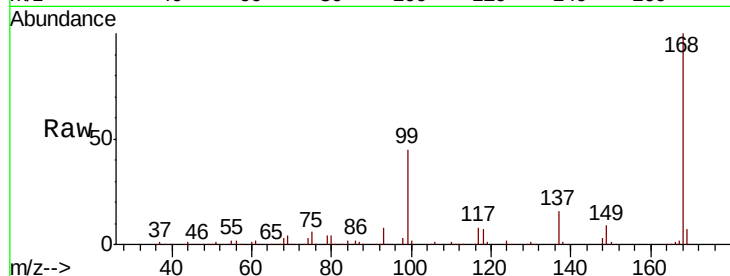
VX1004WBL02

Tot Ion:168 Resp: 287530

Ion Ratio Lower Upper

168 100

99 44.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

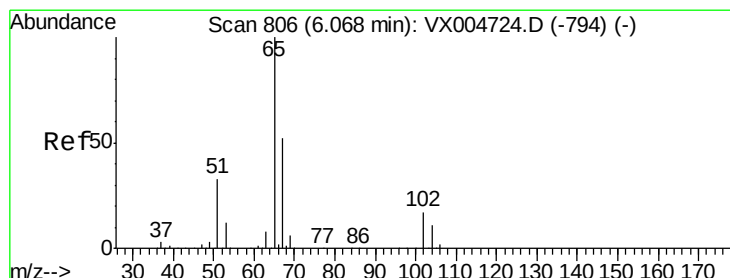
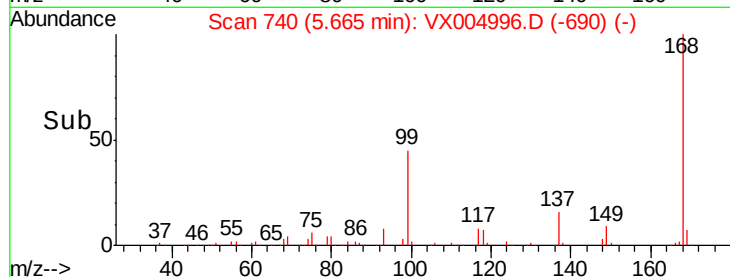
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.247 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004996.D

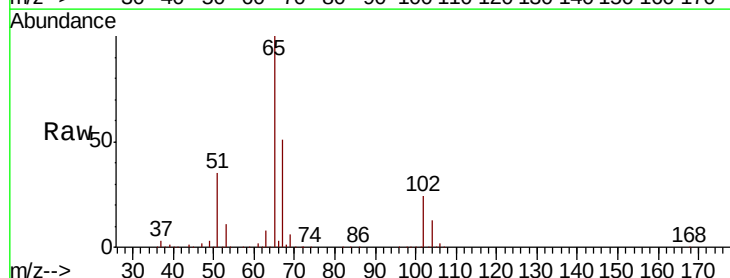
Acq: 04 Oct 2018 04:15

Tgt Ion: 65 Resp: 202276

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

80000

60000

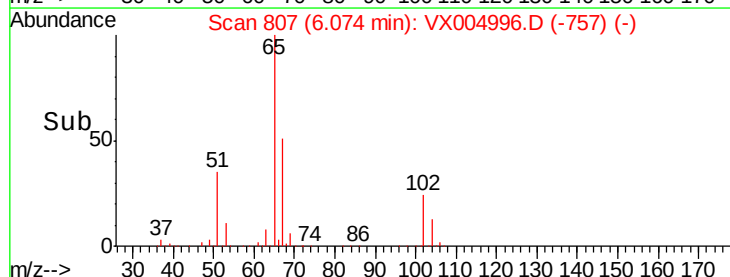
40000

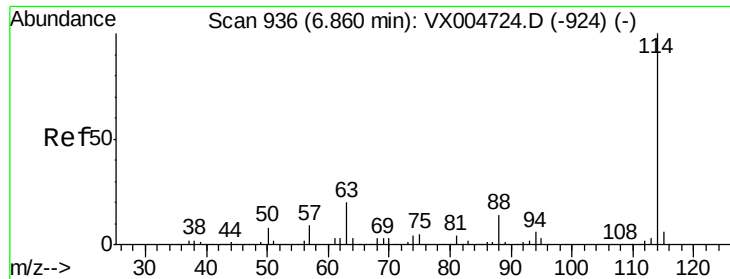
20000

0

5.90 6.00 6.10 6.20 6.30

Time-->

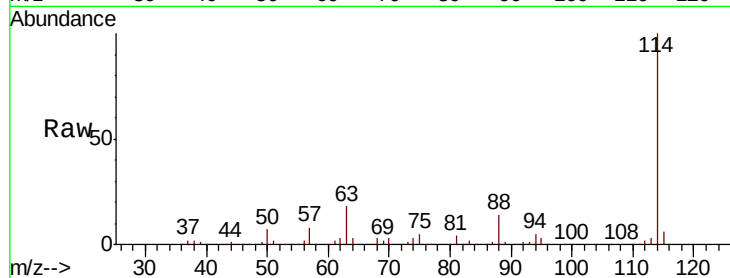




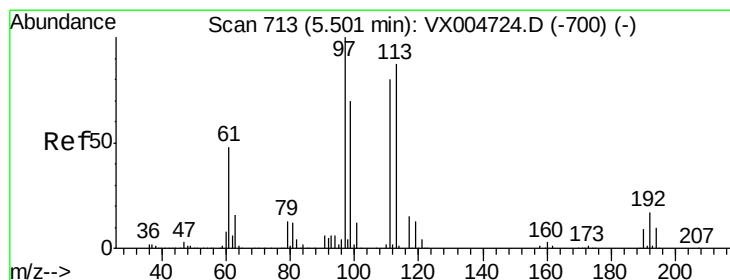
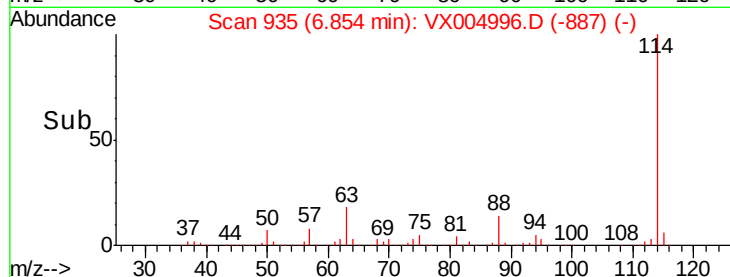
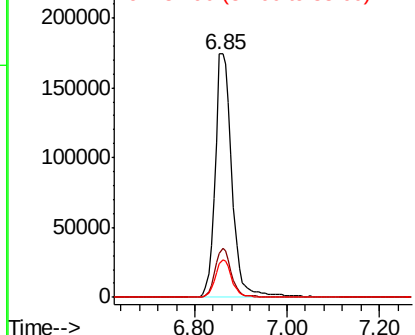
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX004996.D
 Acq: 04 Oct 2018 04:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBL02

Tot Ion:114 Resp: 439321
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 13.8 0.0 27.0

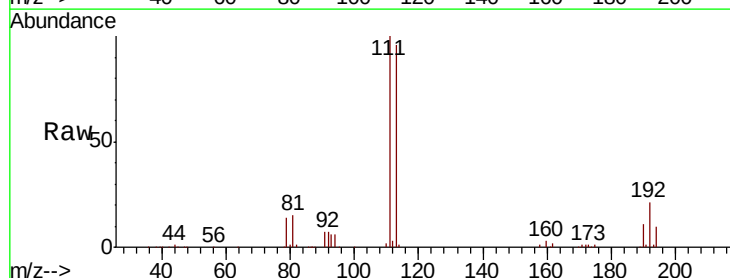


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

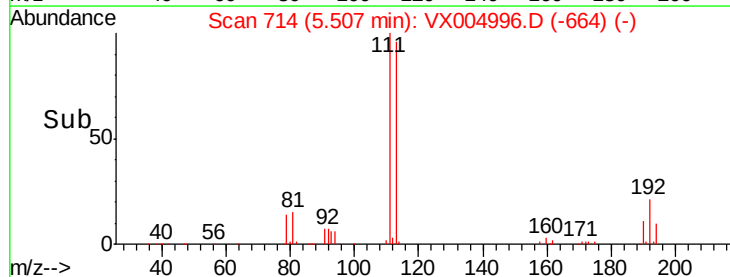
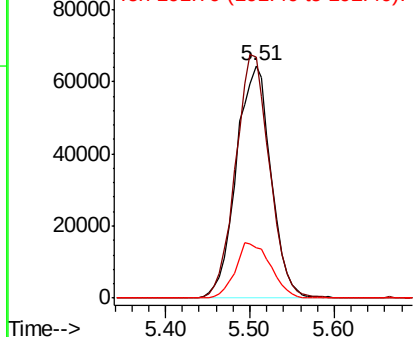


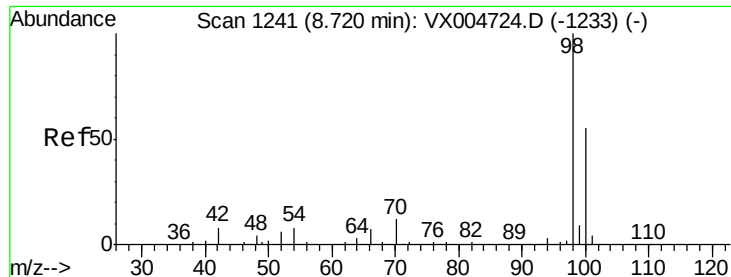
#35
 Dibromofluoromethane
 Concen: 48.071 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004996.D
 Acq: 04 Oct 2018 04:15

Tgt Ion:113 Resp: 178983
 Ion Ratio Lower Upper
 113 100
 111 102.7 77.0 115.4
 192 24.4 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: 49.768 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004996.D

Acq: 04 Oct 2018 04:15

Instrument :

MSVOA_X

ClientSampleId :

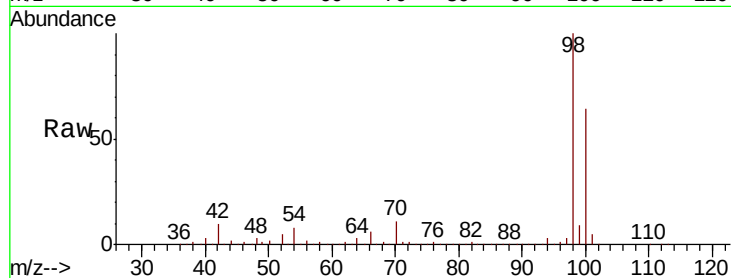
VX1004WBL02

Tot Ion: 98 Resp: 616034

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

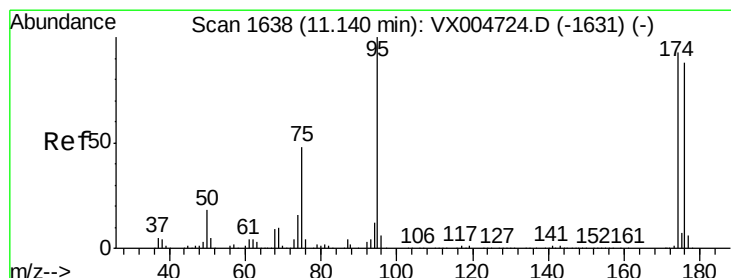
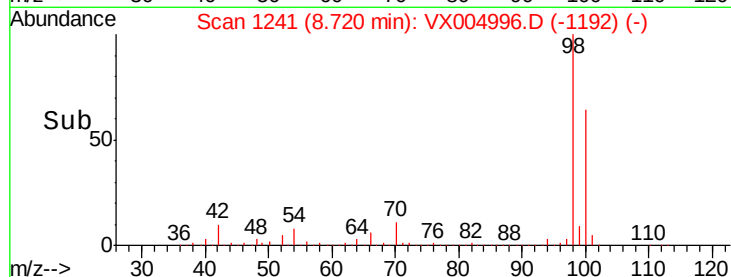
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.681 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004996.D

Acq: 04 Oct 2018 04:15

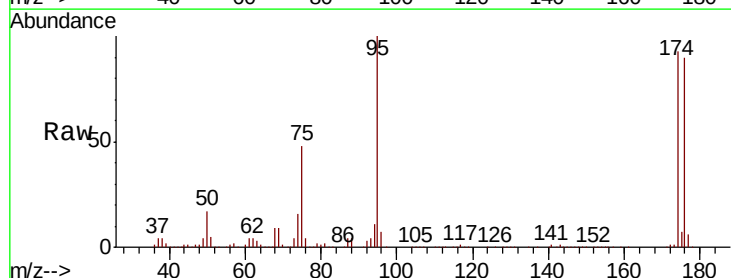
Tgt Ion: 95 Resp: 225999

Ion Ratio Lower Upper

95 100

174 92.1 0.0 185.0

176 89.1 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

11.14

200000

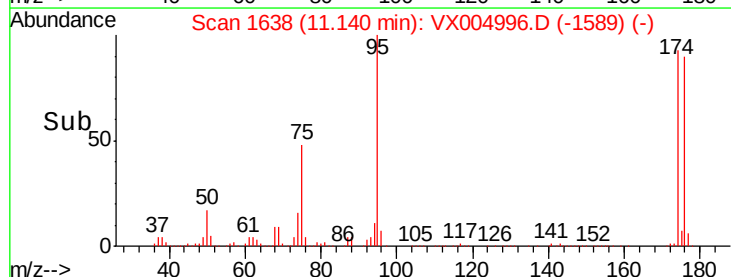
150000

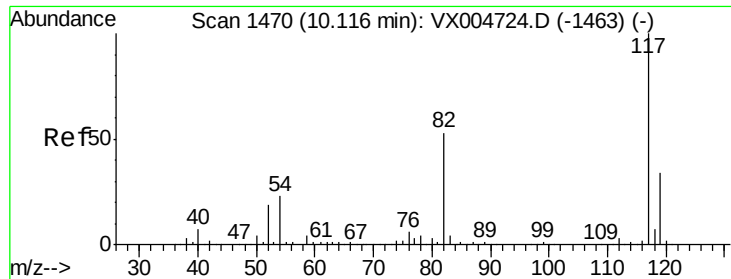
100000

50000

0

Time-->

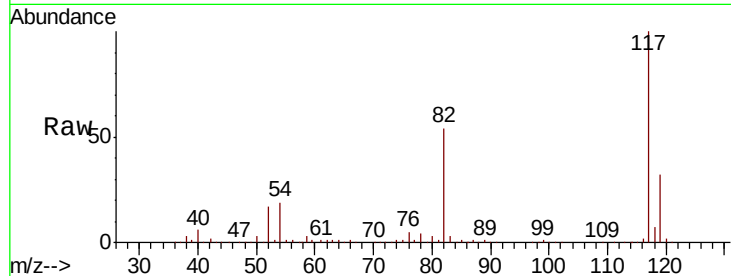




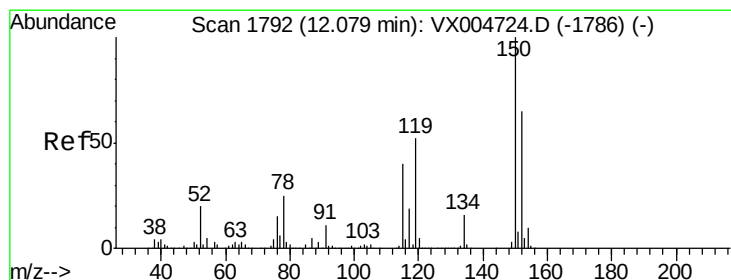
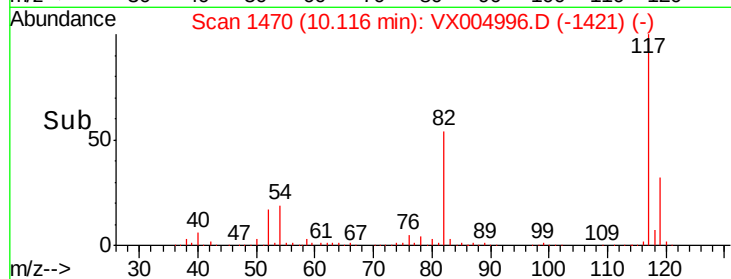
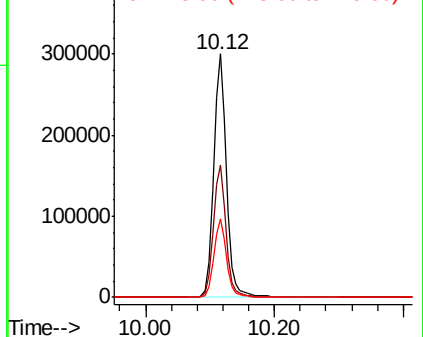
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004996.D
Acq: 04 Oct 2018 04:15

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL02

Tot Ion:117 Resp: 419121
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 32.3 27.4 41.0

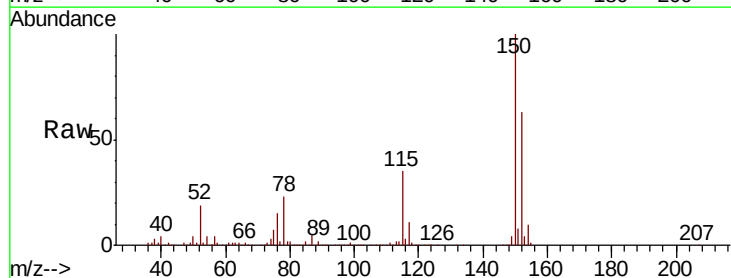


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004996.D
Acq: 04 Oct 2018 04:15

Tgt Ion:152 Resp: 236044
Ion Ratio Lower Upper
152 100
115 54.9 40.2 120.6
150 157.5 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

