

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006052.D
 Acq On : 16 Nov 2018 16:15
 Operator : JC/MD
 Sample : J5965-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Nov 17 02:35:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	147731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	204267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	198175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	80318	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	80153	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	5.51	113	68377	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.71	98	216418	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.14	95	73788	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	

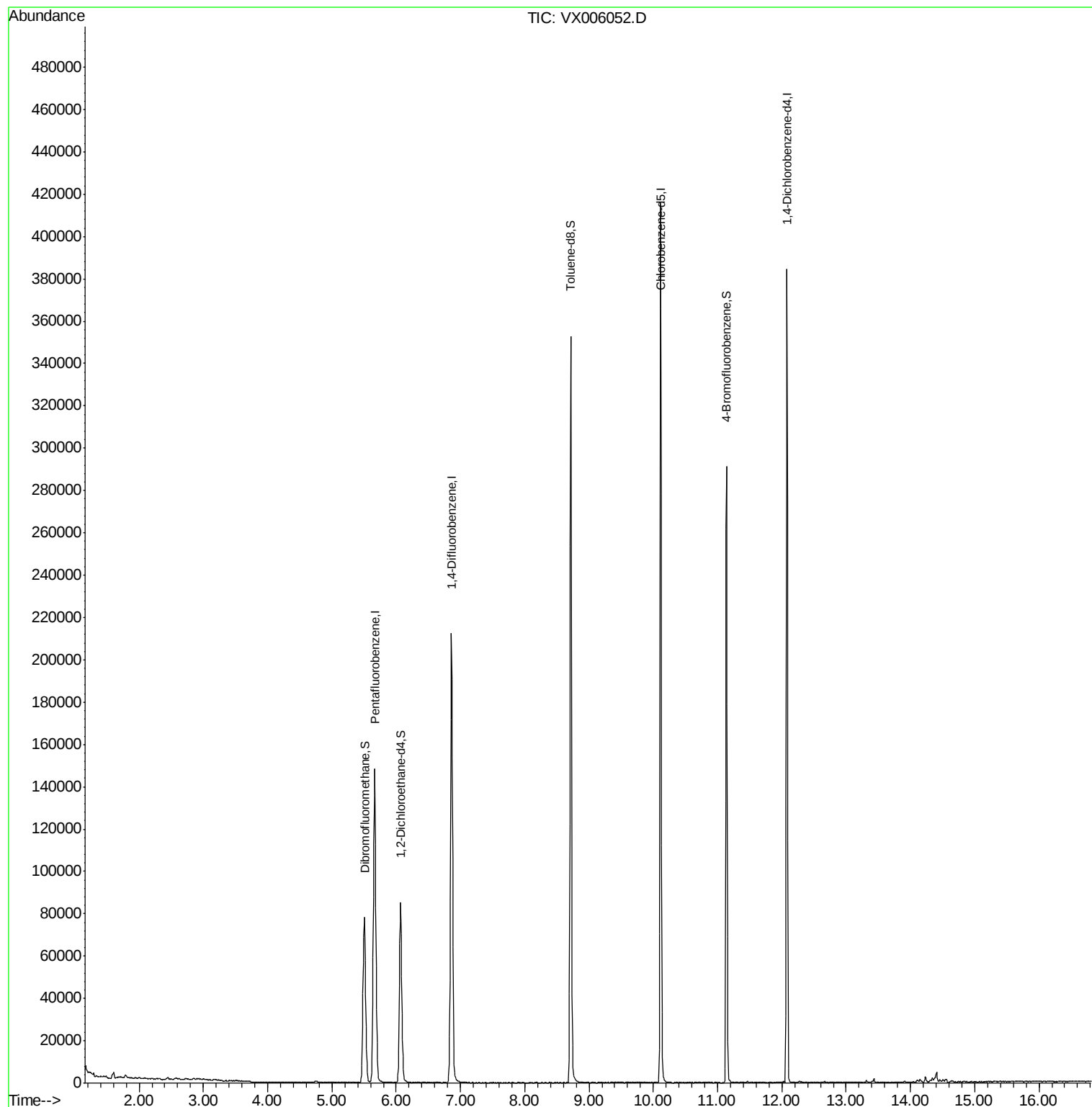
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006052.D

Acq: 16 Nov 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

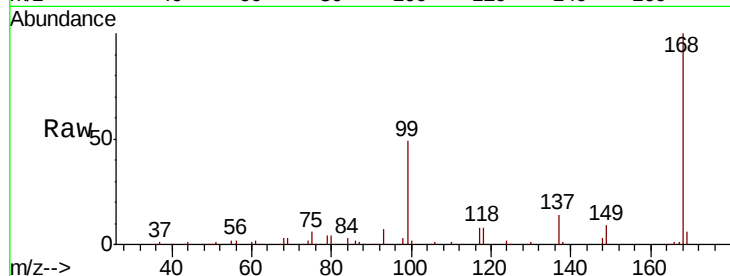
MW-4

Tot Ion:168 Resp: 147731

Ion Ratio Lower Upper

168 100

99 48.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

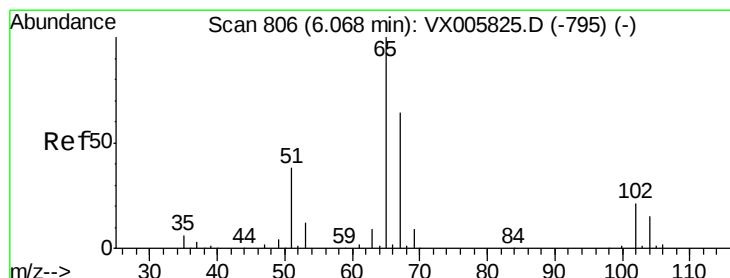
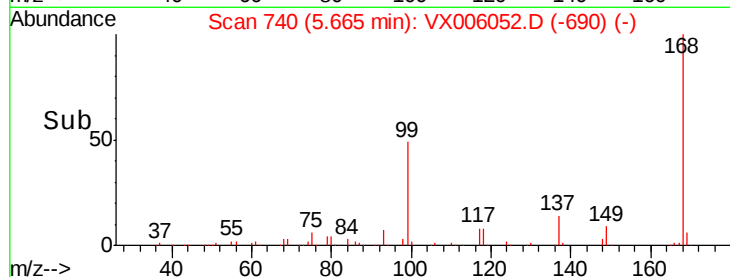
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.194 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006052.D

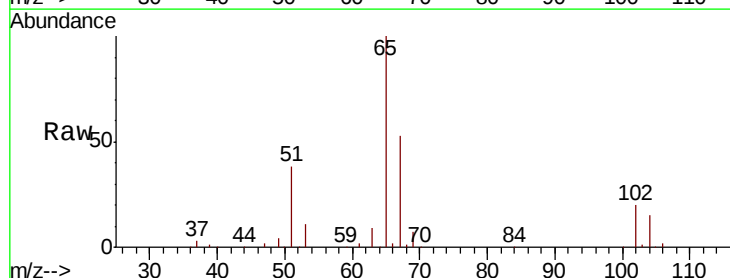
Acq: 16 Nov 2018 16:15

Tgt Ion: 65 Resp: 80153

Ion Ratio Lower Upper

65 100

67 55.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

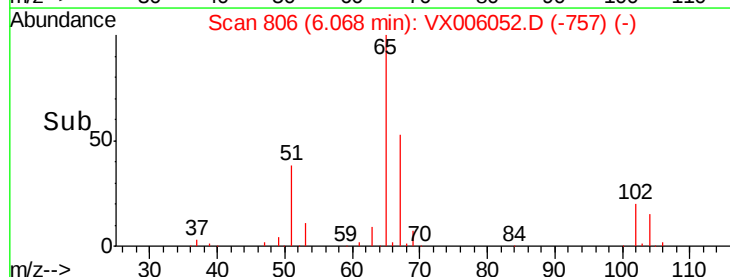
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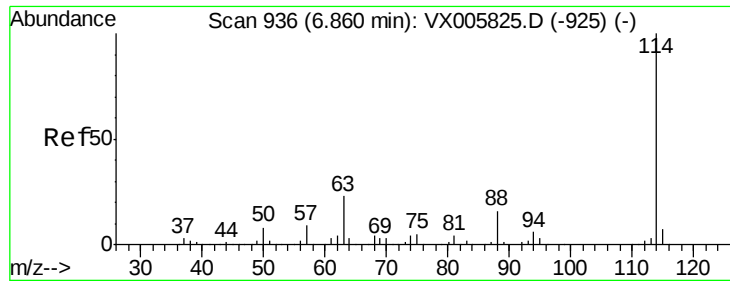
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

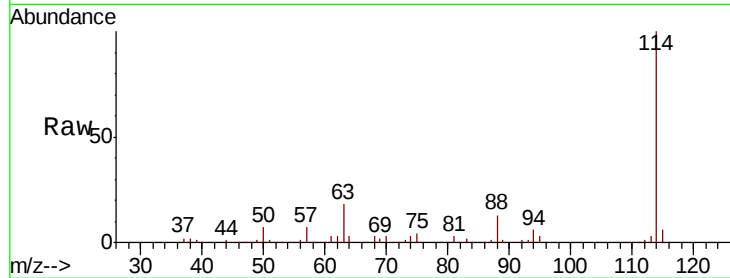




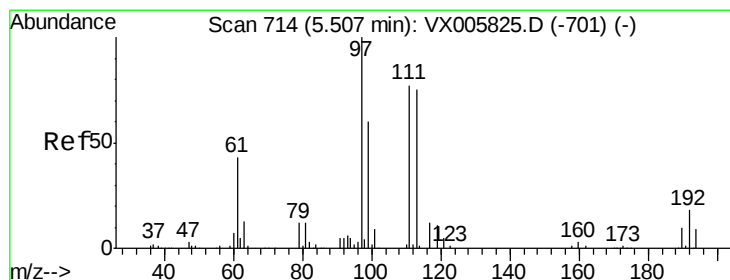
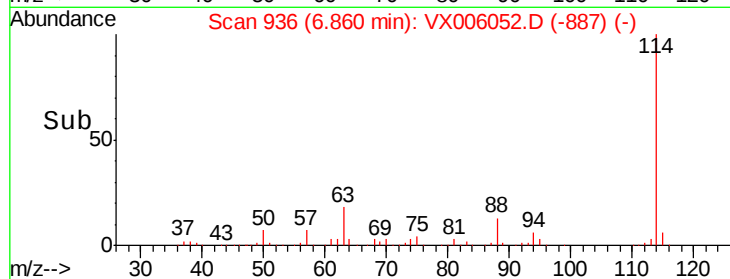
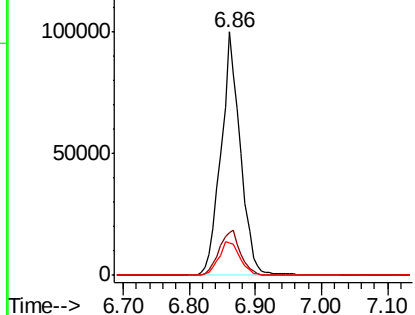
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006052.D
 Acq: 16 Nov 2018 16:15

Instrument :
 MSVOA_X
 ClientSampled :
 MW-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	42.8
88	13.3	0.0	31.2

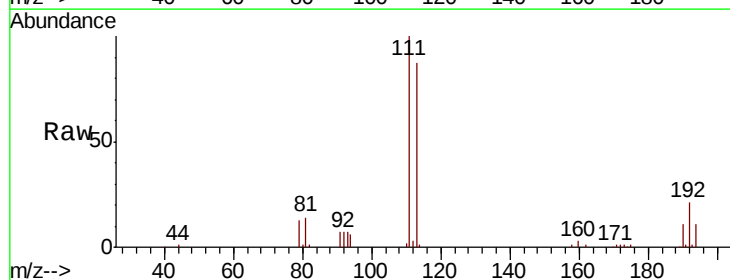


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

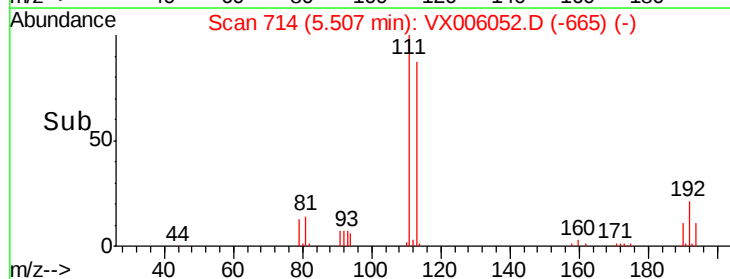
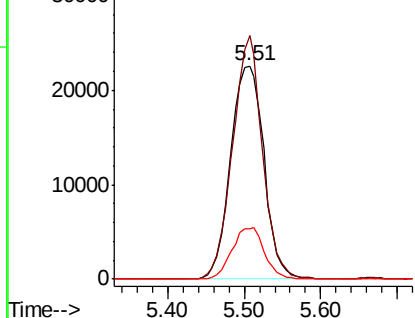


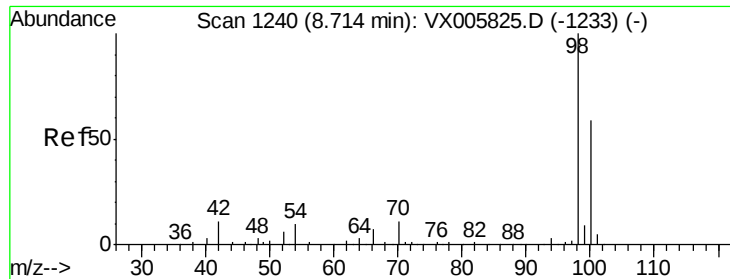
#35
 Dibromofluoromethane
 Concen: 49.216 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX006052.D
 Acq: 16 Nov 2018 16:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.3	123.5
192	23.2	17.9	26.9



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: 46.855 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006052.D

Acq: 16 Nov 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

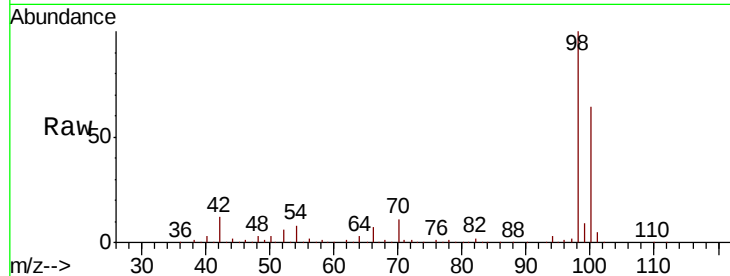
MW-4

Tot Ion: 98 Resp: 216418

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

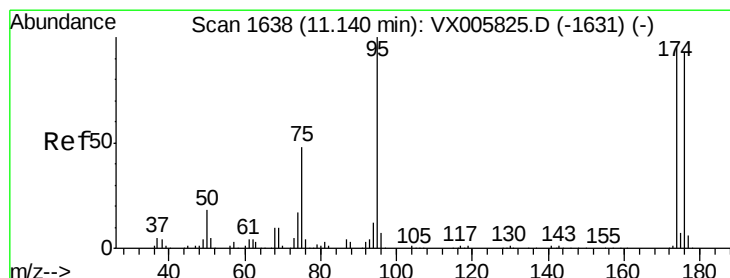
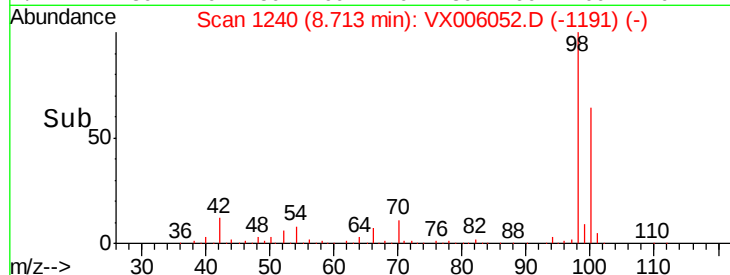
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.433 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006052.D

Acq: 16 Nov 2018 16:15

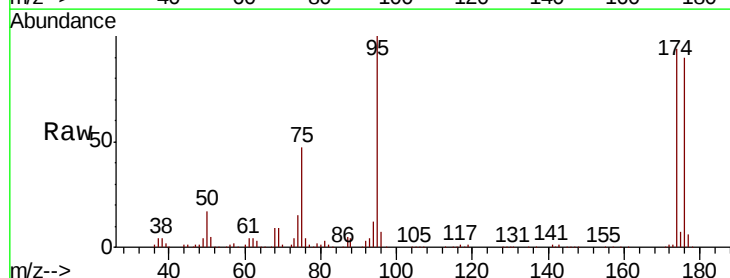
Tgt Ion: 95 Resp: 73788

Ion Ratio Lower Upper

95 100

174 92.1 0.0 184.4

176 88.6 0.0 177.4



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

80000

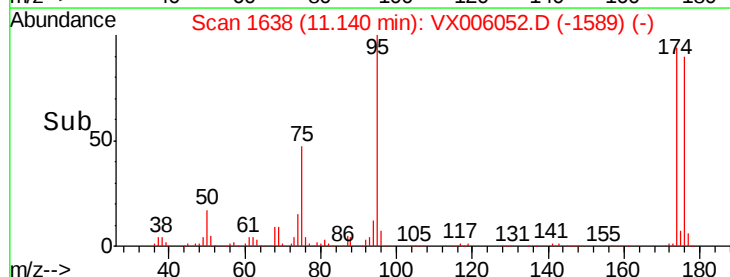
60000

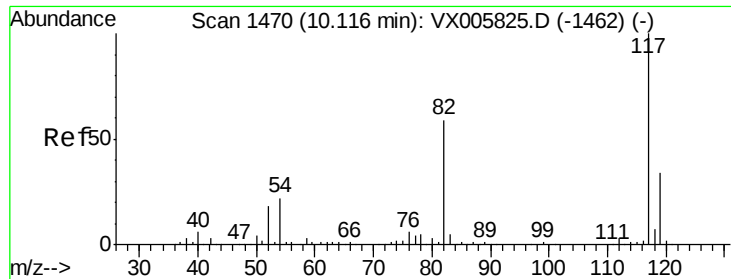
40000

20000

0

Time-->

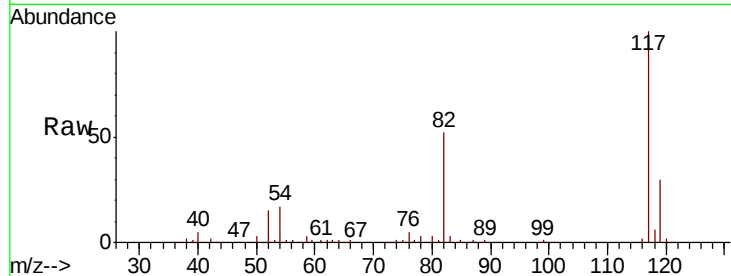




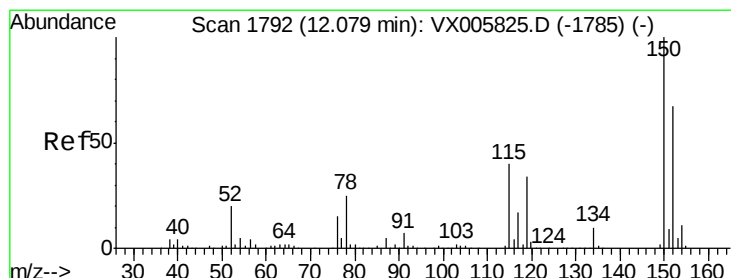
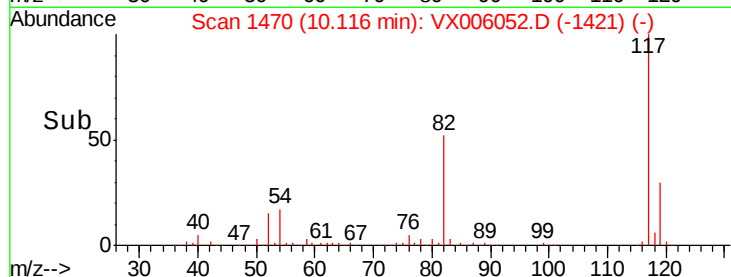
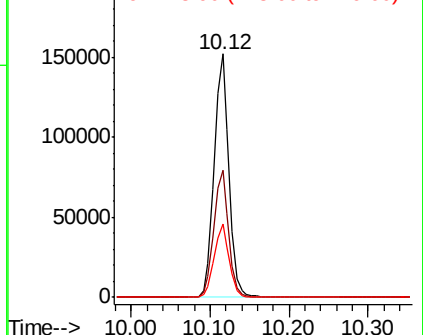
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006052.D
Acq: 16 Nov 2018 16:15

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tot Ion:117 Resp: 198175
Ion Ratio Lower Upper
117 100
82 52.1 44.1 66.1
119 29.9 26.2 39.2

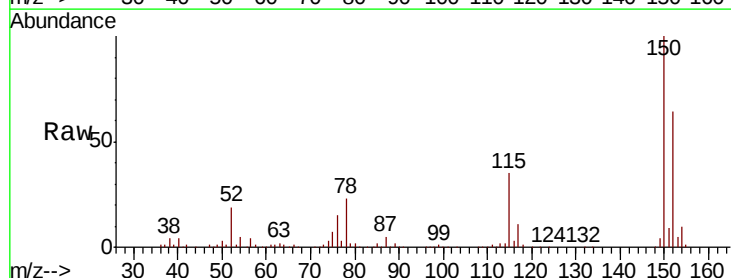


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006052.D
Acq: 16 Nov 2018 16:15

Tgt Ion:152 Resp: 80318
Ion Ratio Lower Upper
152 100
115 55.3 39.4 118.1
150 155.6 0.0 346.4



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

