

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005157.D
 Acq On : 09 Oct 2018 14:27
 Operator : JC/MD
 Sample : VX1009WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBL01

Quant Time: Oct 10 06:43:06 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	5.67	168	195026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173617	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159403	57.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.44%	
35) Dibromofluoromethane	5.50	113	128227	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	8.71	98	455194	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.14	95	165746	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

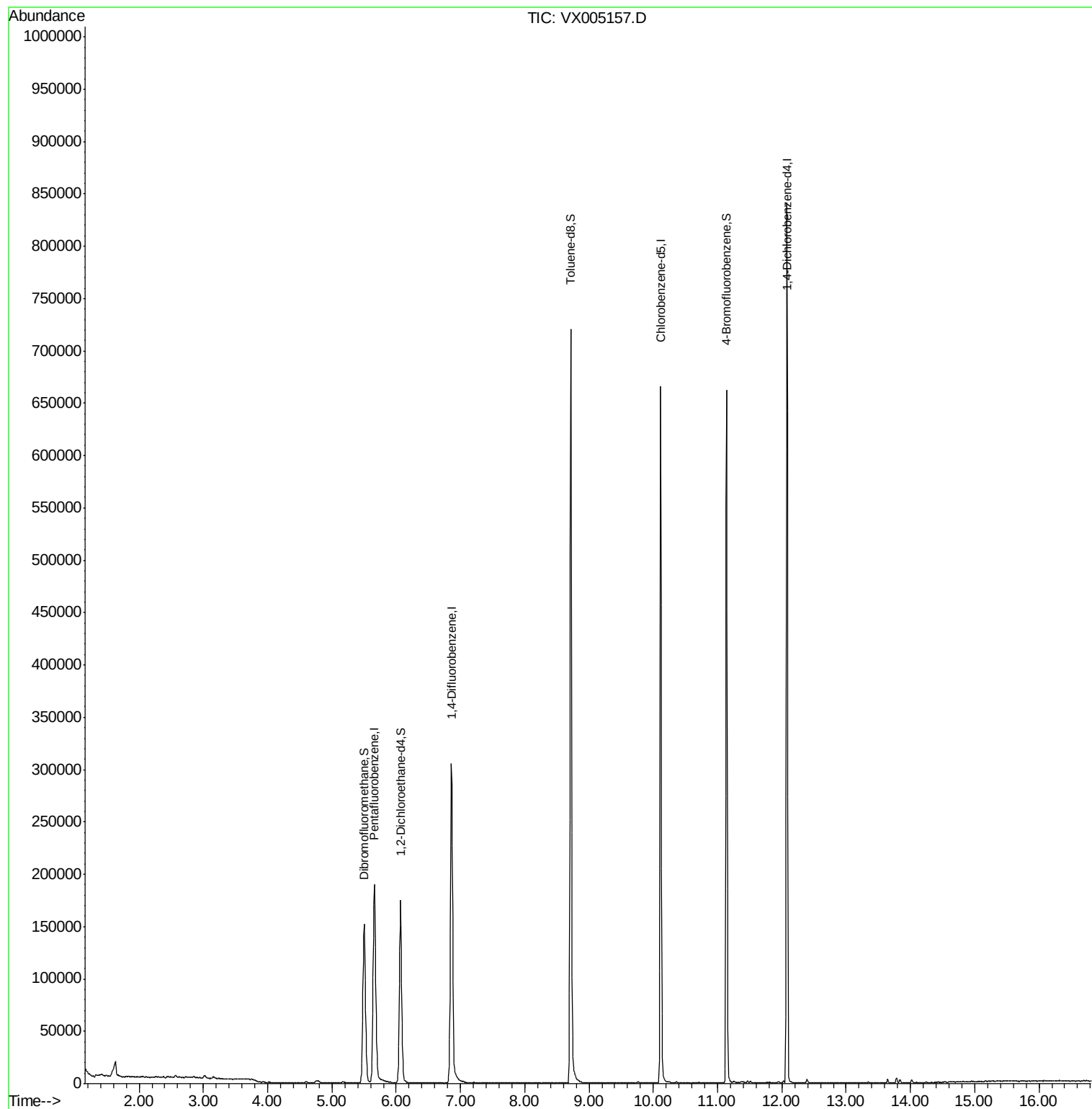
Target Compounds	Qvalue

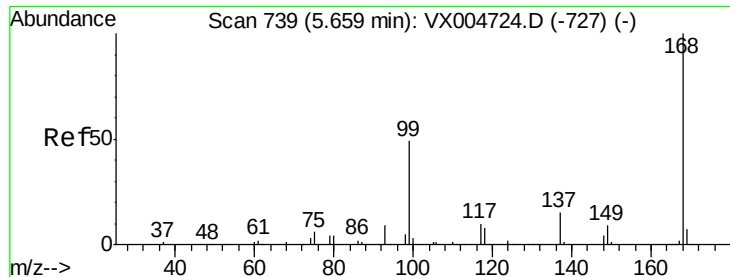
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005157.D

Acq: 09 Oct 2018 14:27

Instrument :

MSVOA_X

ClientSampleId :

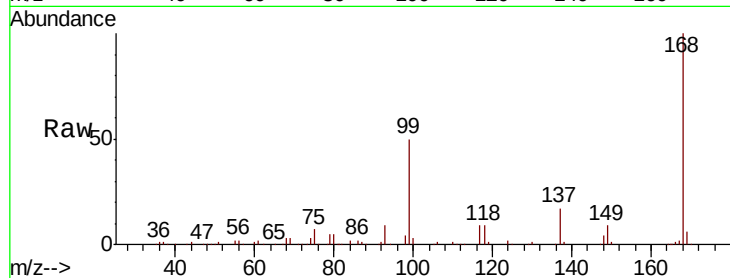
VX1009WBL01

Tot Ion:168 Resp: 195026

Ion Ratio Lower Upper

168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

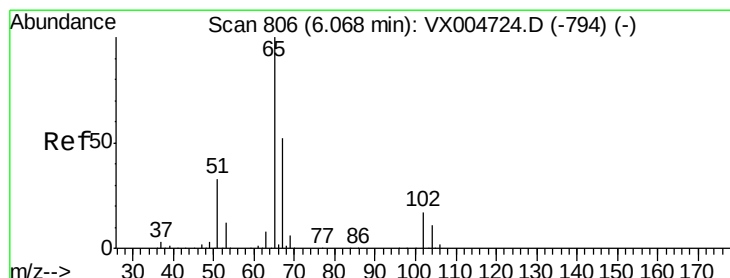
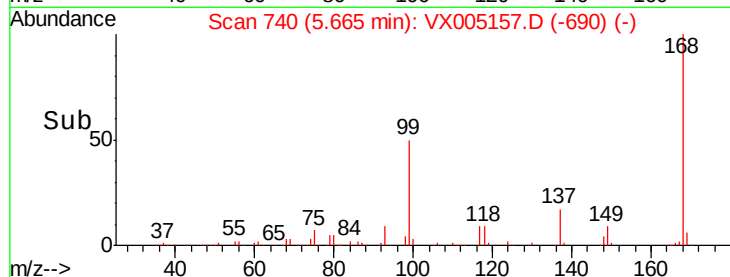
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 57.217 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005157.D

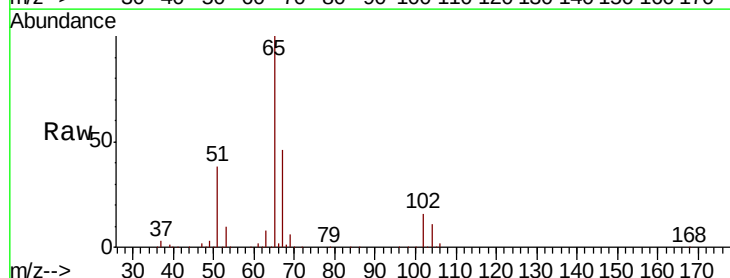
Acq: 09 Oct 2018 14:27

Tgt Ion: 65 Resp: 159403

Ion Ratio Lower Upper

65 100

67 51.4 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

80000

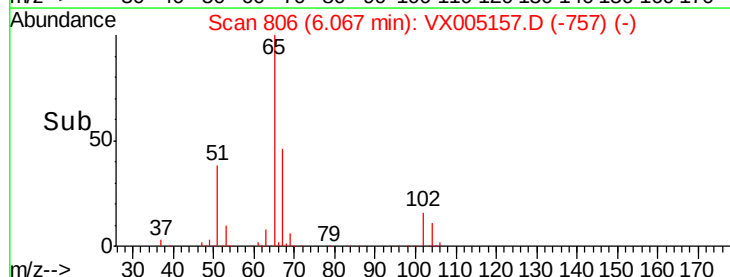
60000

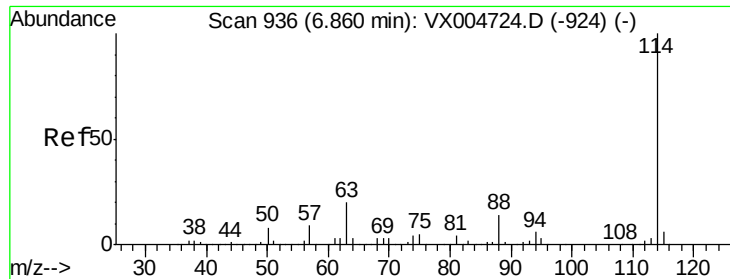
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

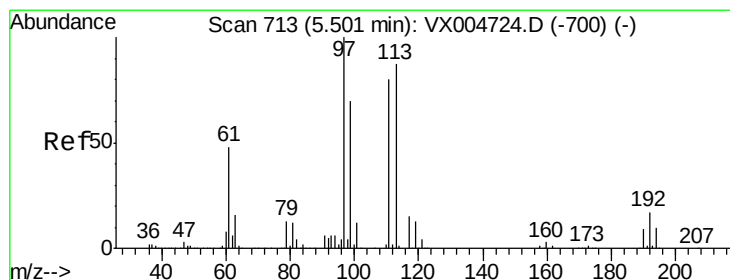
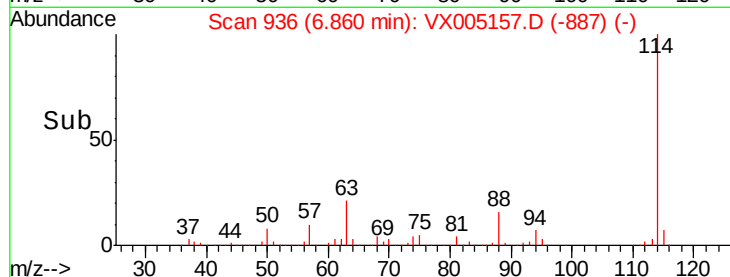
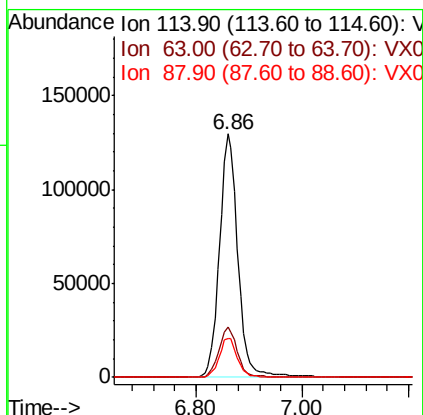
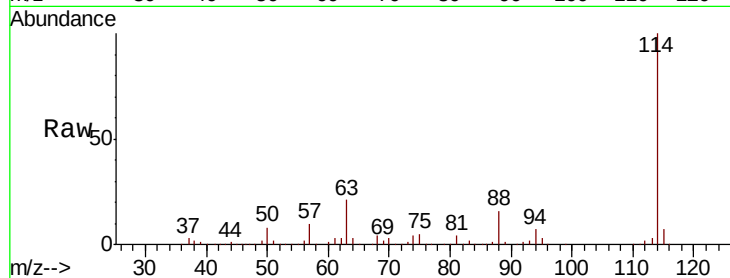




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005157.D
 Acq: 09 Oct 2018 14:27

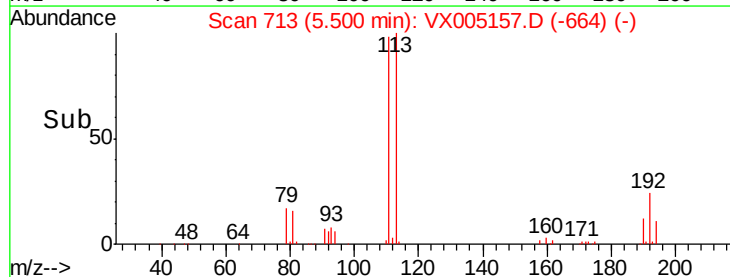
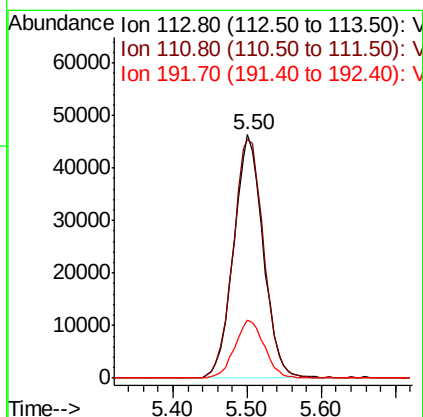
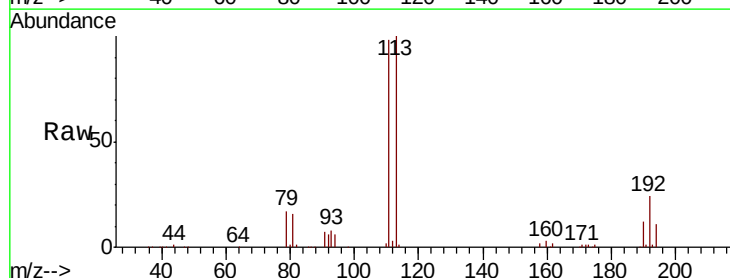
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBL01

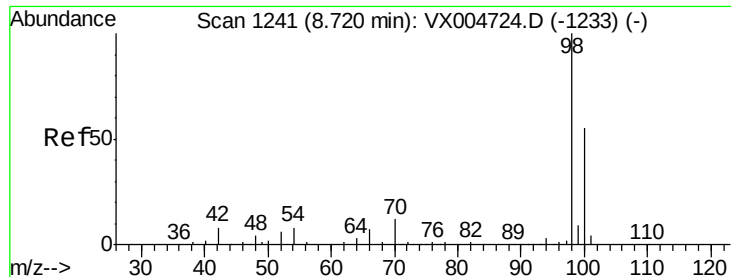
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.8
88	16.2	0.0	27.0



#35
 Dibromofluoromethane
 Concen: 48.036 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005157.D
 Acq: 09 Oct 2018 14:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	77.0	115.4
192	23.9	17.0	25.6





#50

Toluene-d8

Concen: 51.293 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005157.D

Acq: 09 Oct 2018 14:27

Instrument :

MSVOA_X

ClientSampleId :

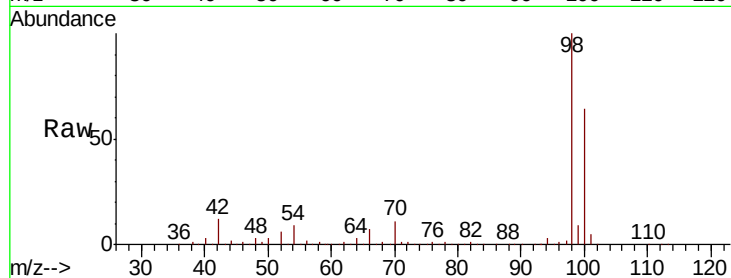
VX1009WBL01

Tot Ion: 98 Resp: 455194

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

250000

200000

150000

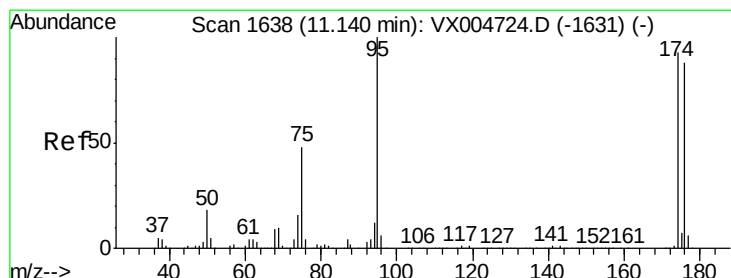
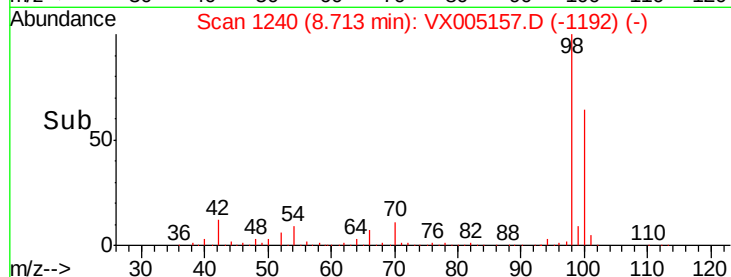
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 51.843 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005157.D

Acq: 09 Oct 2018 14:27

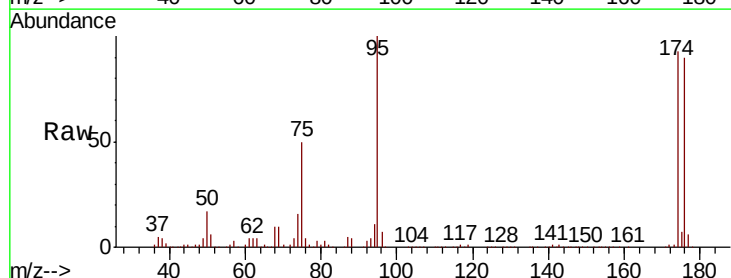
Tgt Ion: 95 Resp: 165746

Ion Ratio Lower Upper

95 100

174 92.6 0.0 185.0

176 89.2 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

150000

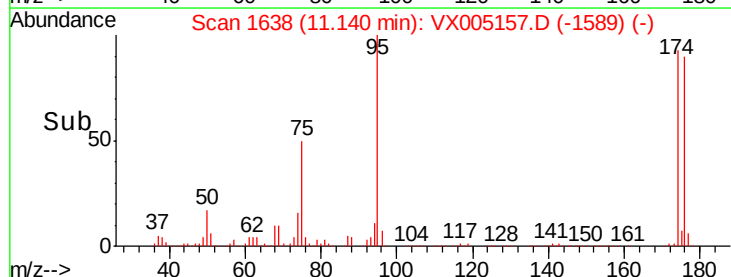
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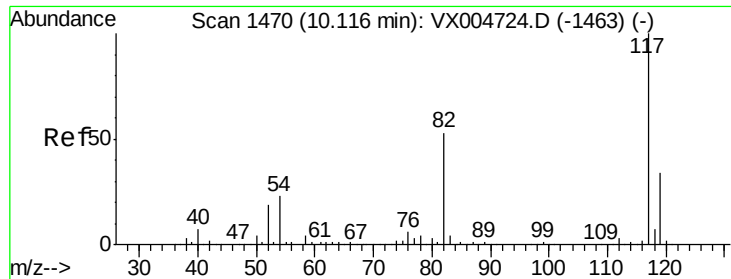
50000

0

11.10 11.20 11.30

Time-->

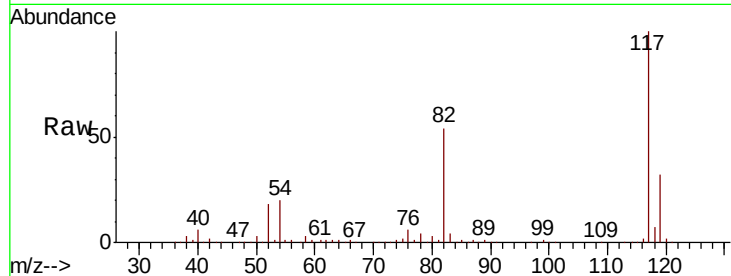




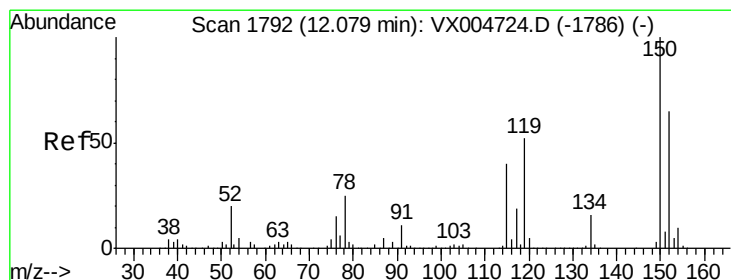
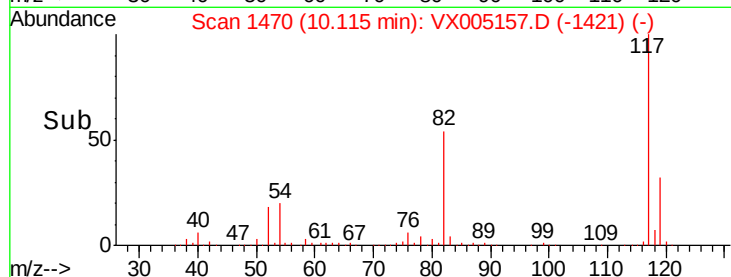
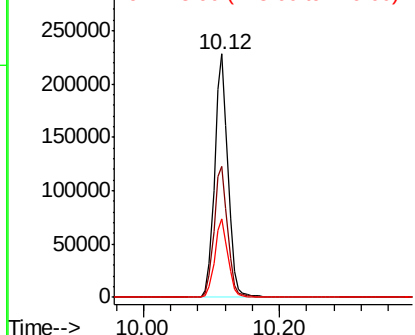
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tot Ion:117 Resp: 309398
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.4
119 32.2 27.4 41.0

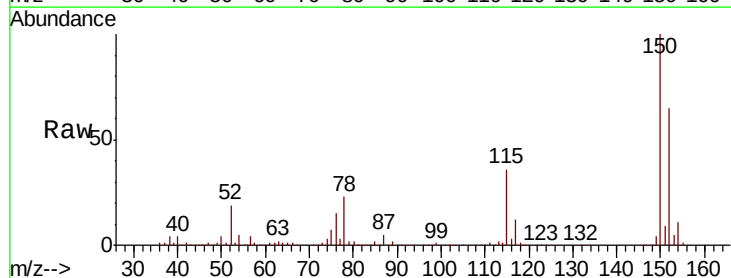


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion:152 Resp: 173617
Ion Ratio Lower Upper
152 100
115 55.5 40.2 120.6
150 156.2 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

