

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005902.D
 Acq On : 12 Nov 2018 16:01
 Operator : JC/MD
 Sample : J5912-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1TB01-181108

Quant Time: Nov 13 11:39:10 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	5.66	168	122578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	175504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	157241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77250	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	69693	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
35) Dibromofluoromethane	5.51	113	56039	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
50) Toluene-d8	8.71	98	206625	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	11.13	95	71357	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	

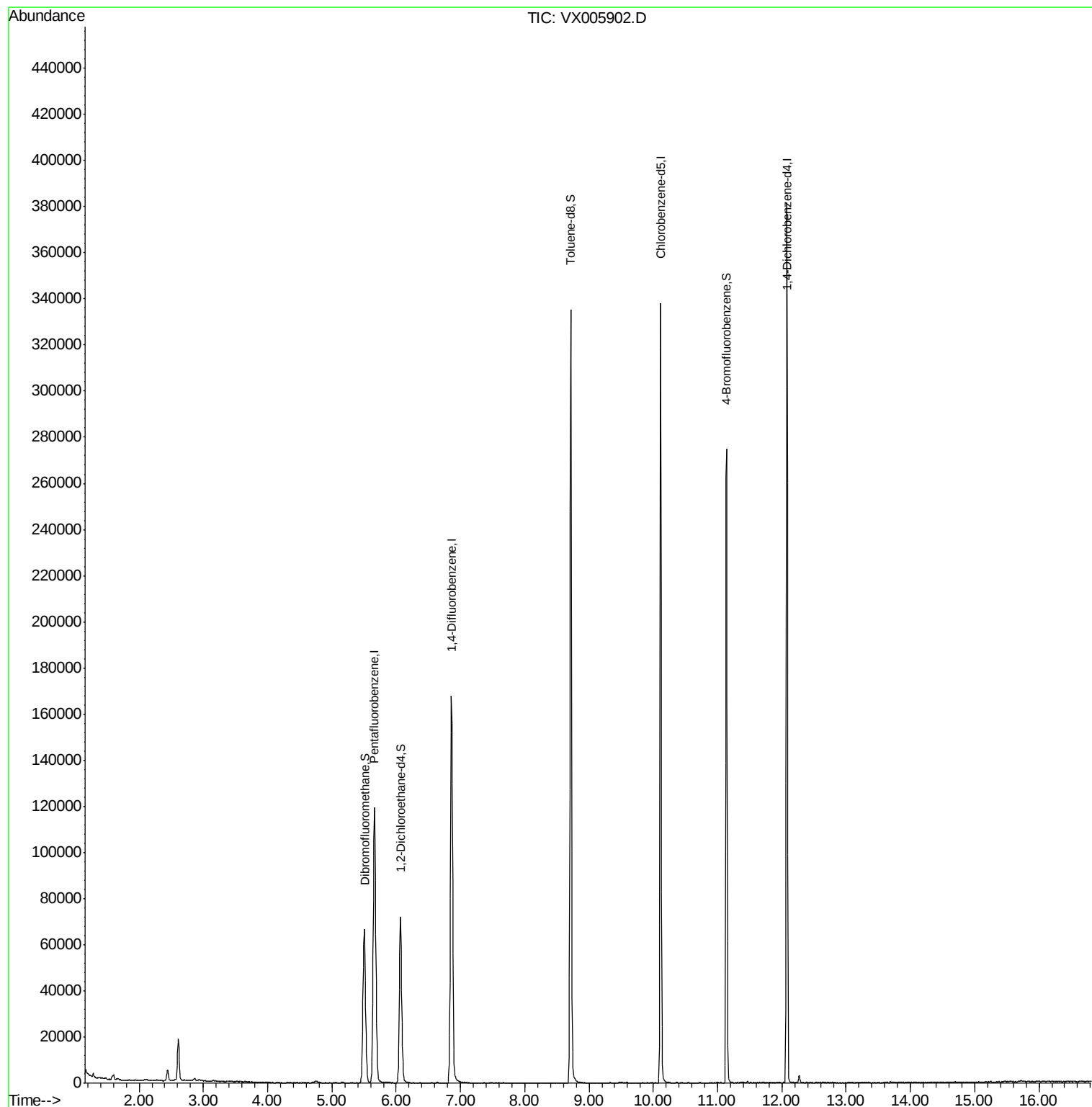
Target Compounds	Qvalue
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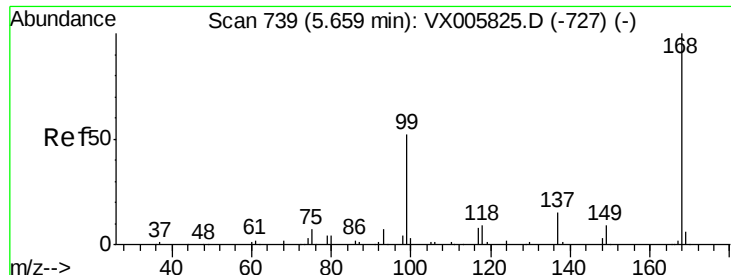
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

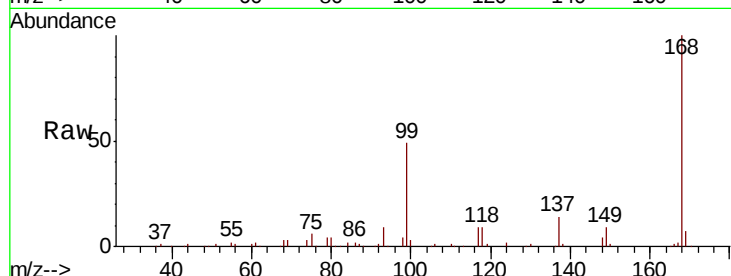
S1TB01-181108

Tot Ion:168 Resp: 122578

Ion Ratio Lower Upper

168 100

99 49.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

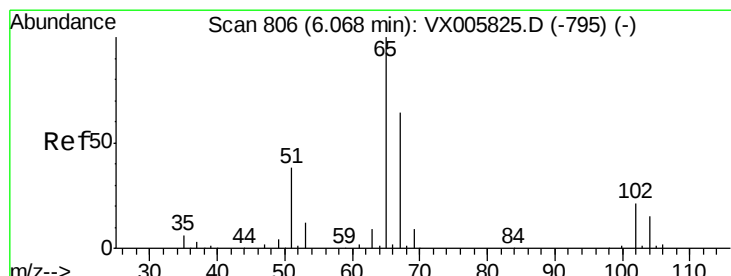
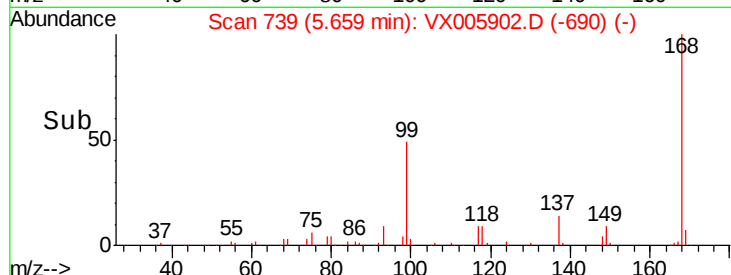
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.456 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005902.D

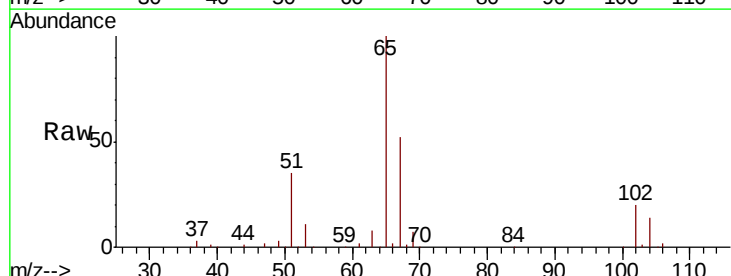
Acq: 12 Nov 2018 16:01

Tgt Ion: 65 Resp: 69693

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

30000

25000

20000

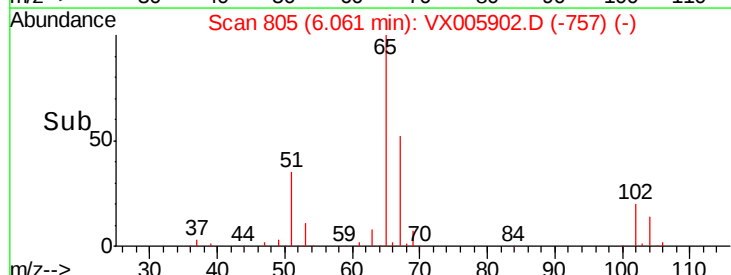
15000

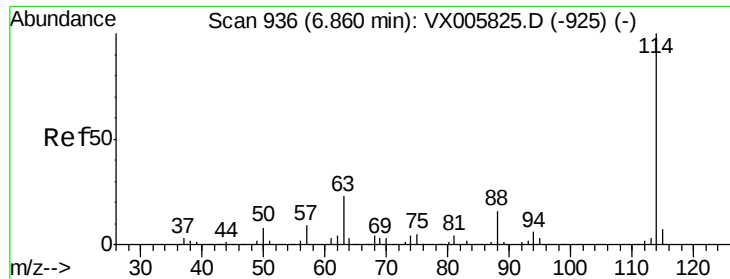
10000

5000

0

Time--> 6.00 6.10 6.20

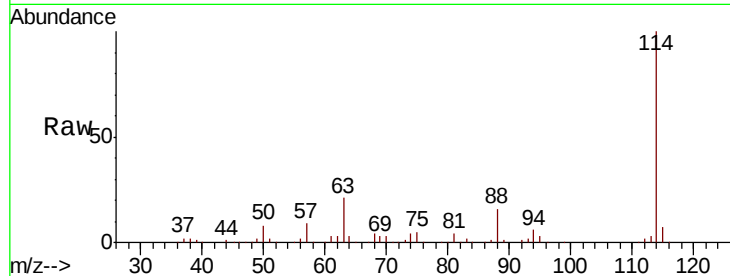




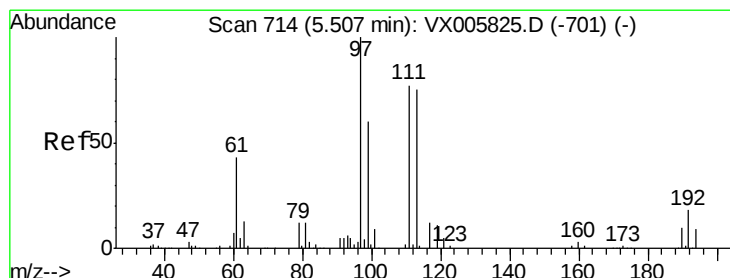
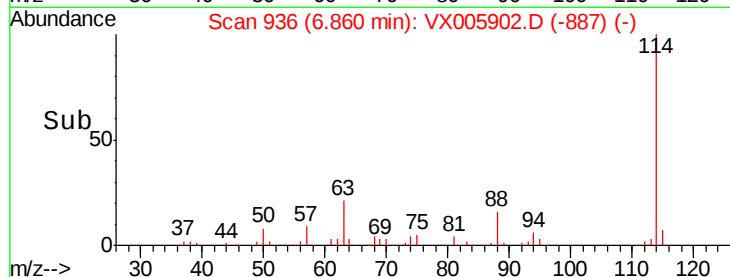
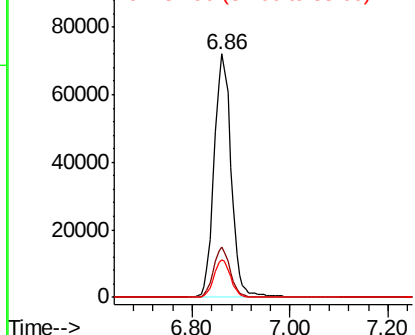
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005902.D
Acq: 12 Nov 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :
S1TB01-181108

Tot Ion:114 Resp: 175504
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.8
88 15.7 0.0 31.2

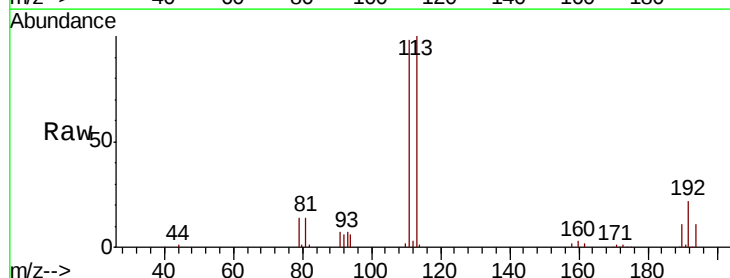


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

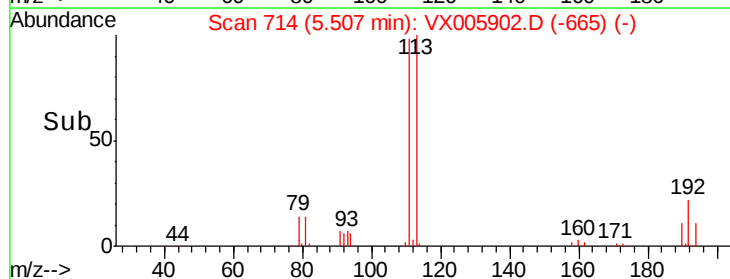
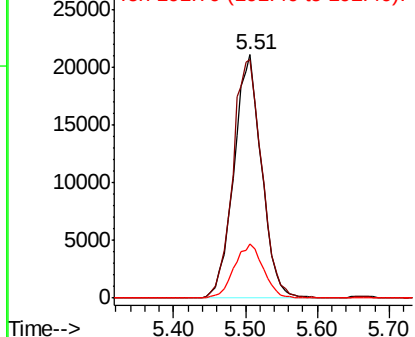


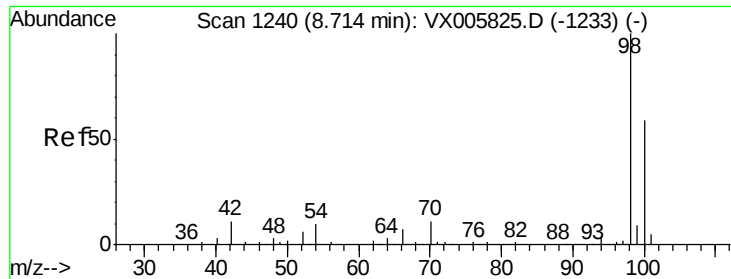
#35
Dibromofluoromethane
Concen: 46.946 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX005902.D
Acq: 12 Nov 2018 16:01

Tgt Ion:113 Resp: 56039
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 23.3 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: 52.066 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

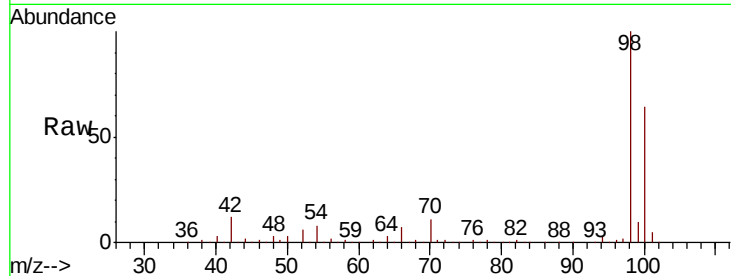
S1TB01-181108

Tot Ion: 98 Resp: 206625

Ion Ratio Lower Upper

98 100

100 63.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

150000

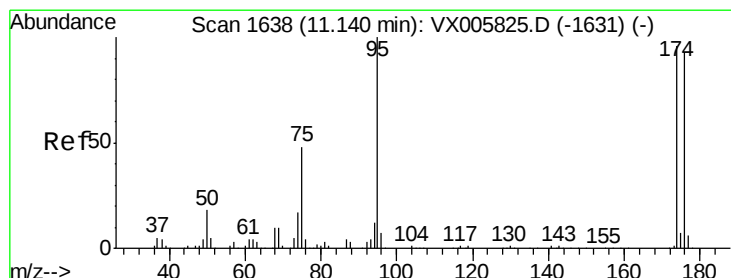
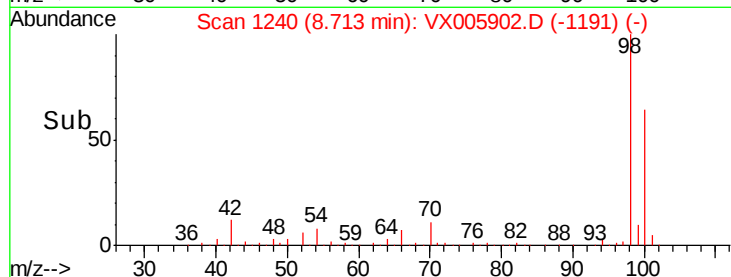
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 50.011 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

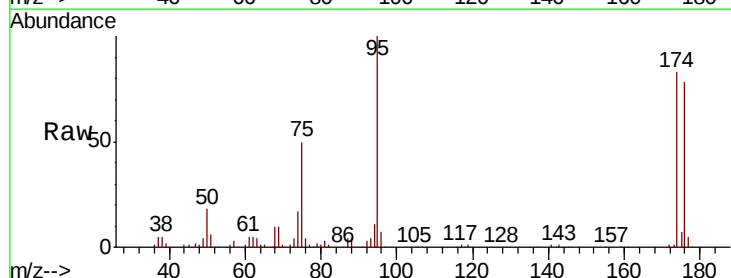
Tgt Ion: 95 Resp: 71357

Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

176 88.7 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

60000

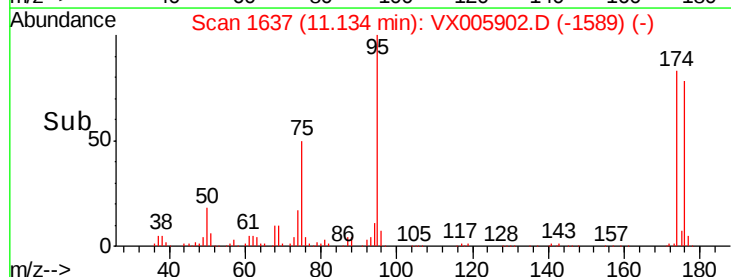
40000

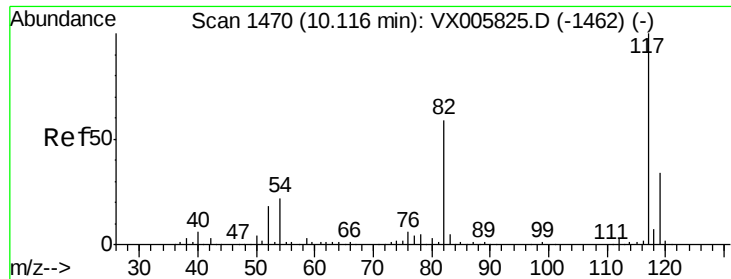
20000

0

11.10 11.20

Time-->

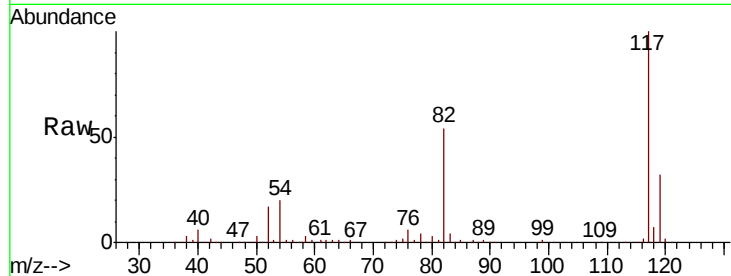




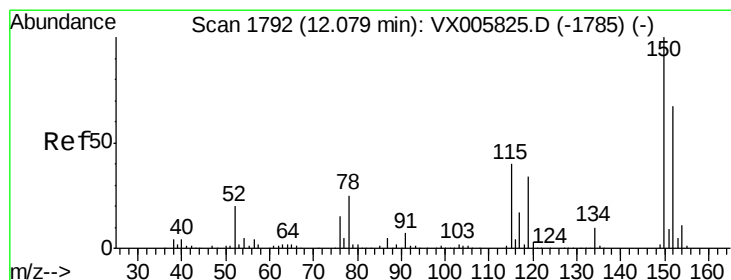
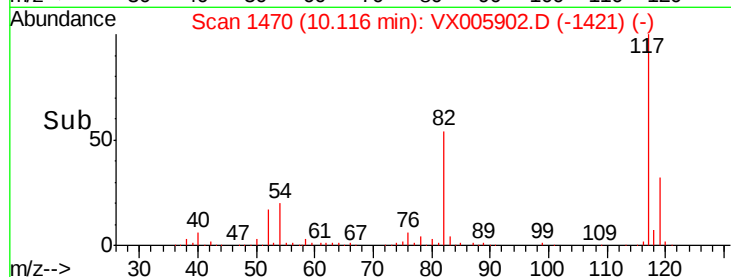
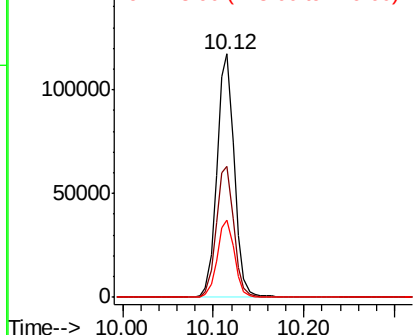
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005902.D
Acq: 12 Nov 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :
S1TB01-181108

Tot Ion:117 Resp: 157241
Ion Ratio Lower Upper
117 100
82 53.6 44.1 66.1
119 31.8 26.2 39.2

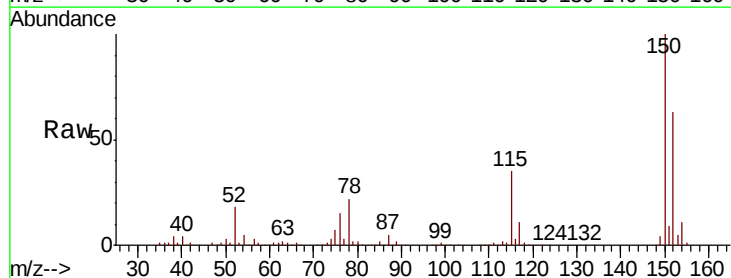


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005902.D
Acq: 12 Nov 2018 16:01

Tgt Ion:152 Resp: 77250
Ion Ratio Lower Upper
152 100
115 55.6 39.4 118.1
150 157.0 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

