

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005437.D
 Acq On : 18 Oct 2018 18:23
 Operator : JC/MD
 Sample : J5590-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LS-DRUM

Quant Time: Oct 19 13:55:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	317308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	441221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	388323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189020	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168839	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.49	113	140374	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	8.71	98	518219	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.14	95	170234	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

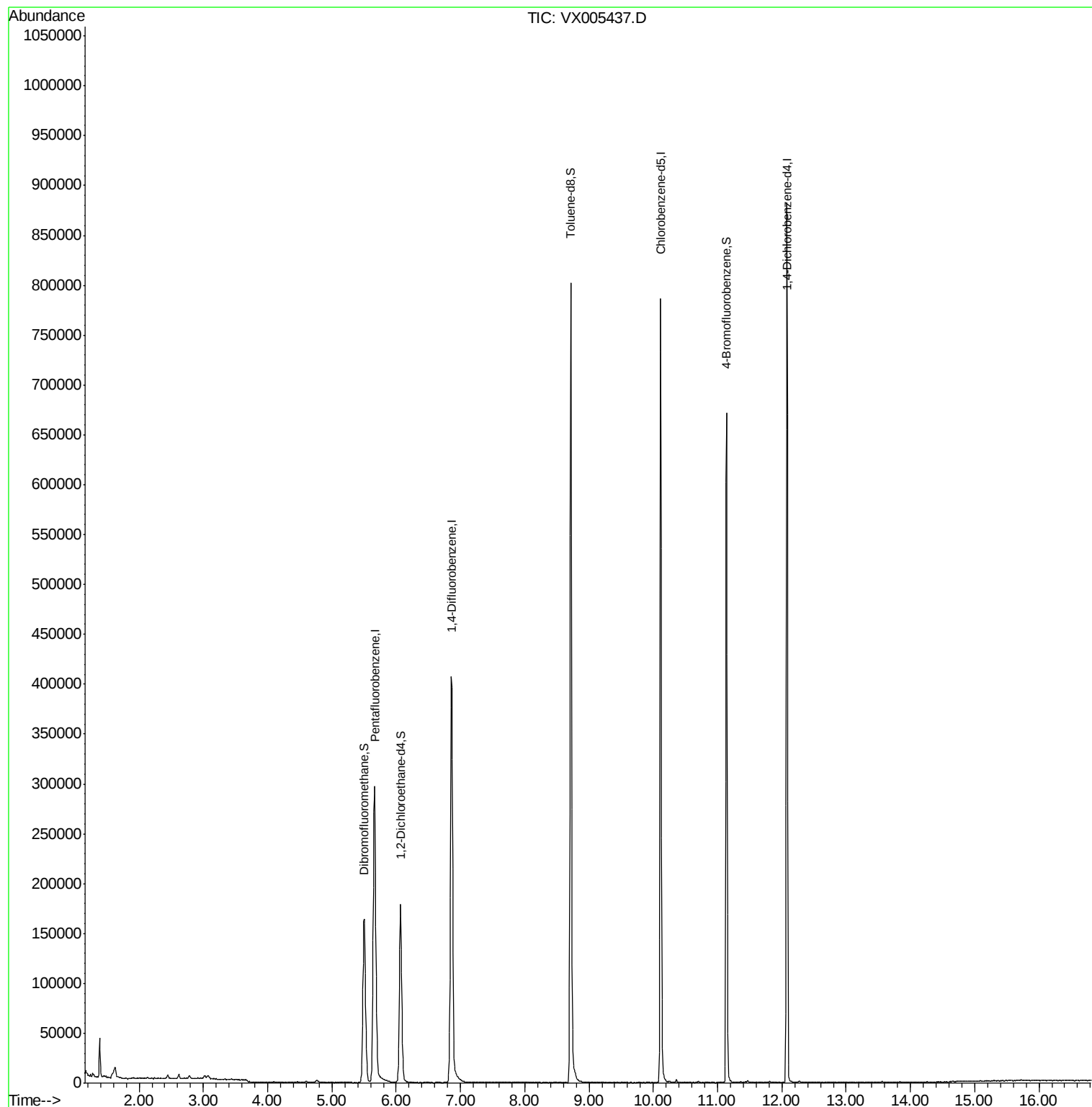
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005437.D

Acq: 18 Oct 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

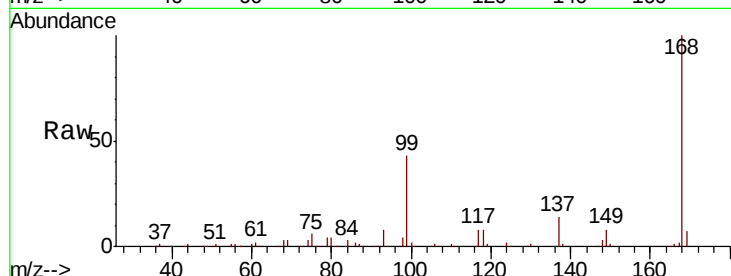
LS-DRUM

Tot Ion:168 Resp: 317308

Ion Ratio Lower Upper

168 100

99 43.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

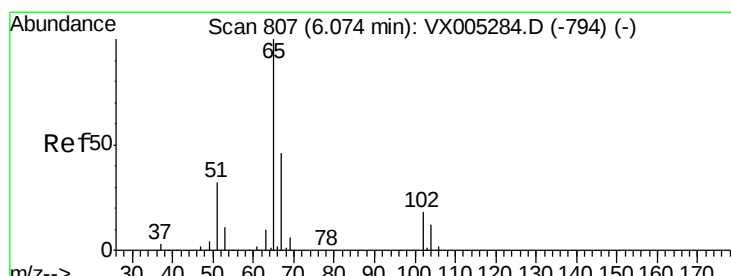
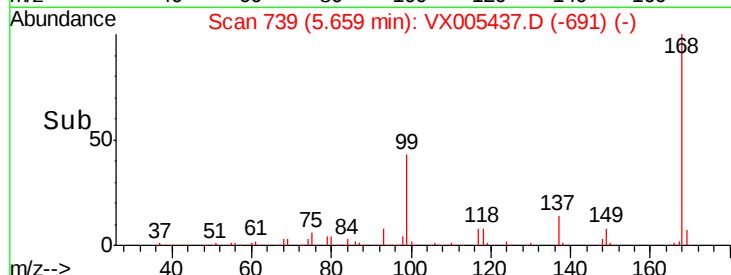
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.943 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005437.D

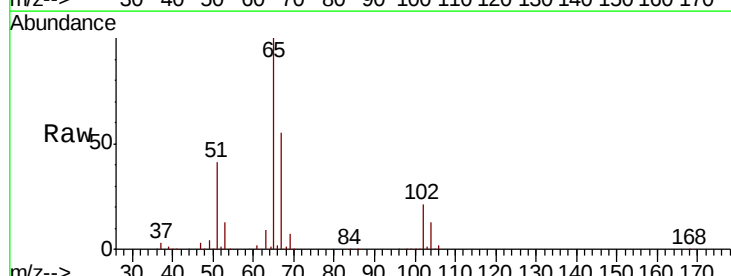
Acq: 18 Oct 2018 18:23

Tgt Ion: 65 Resp: 168839

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

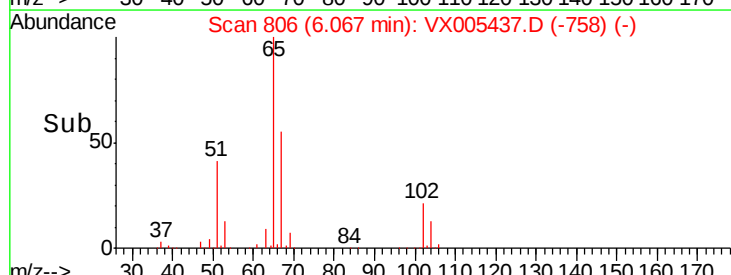
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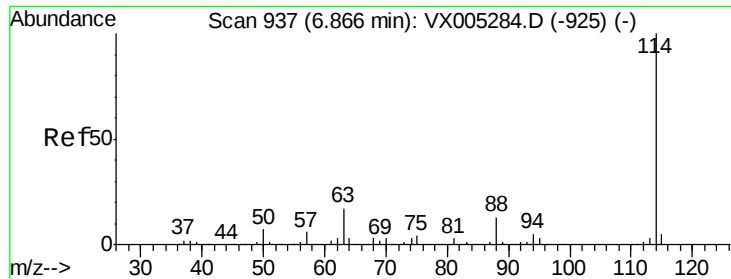
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0

Time-->

5.90 6.00 6.10 6.20 6.30

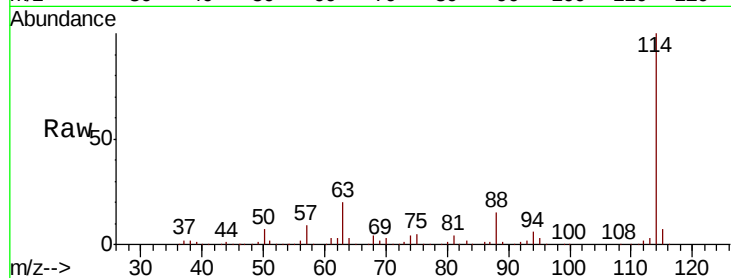




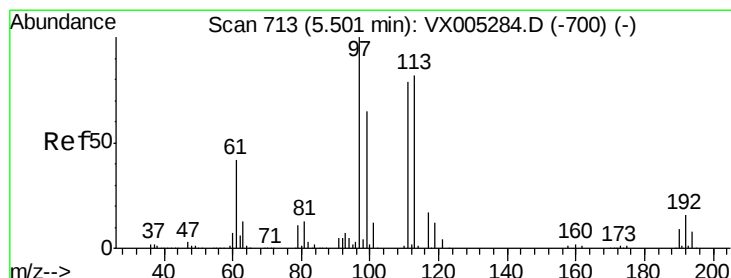
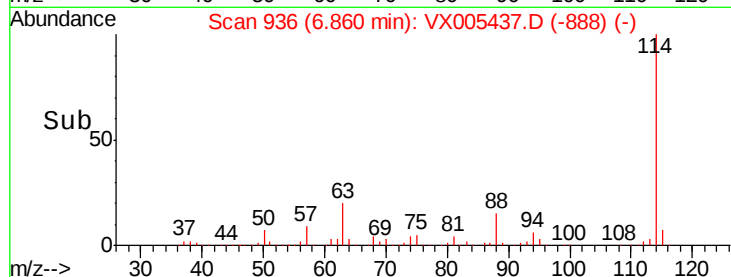
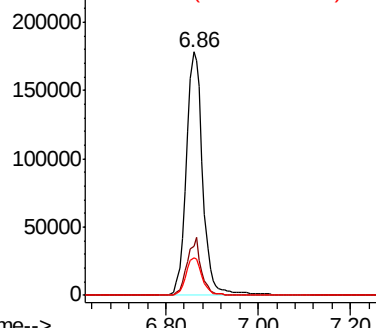
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005437.D
Acq: 18 Oct 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :
LS-DRUM

Tot Ion:114 Resp: 441221
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.0
88 15.5 0.0 30.4

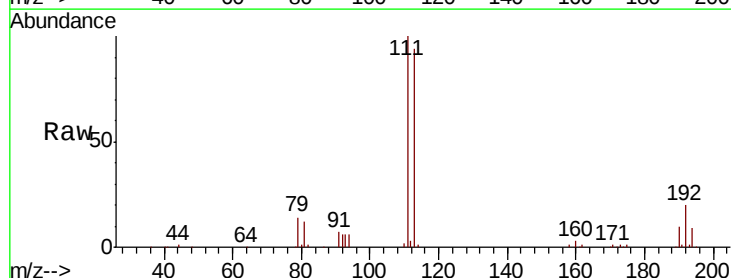


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

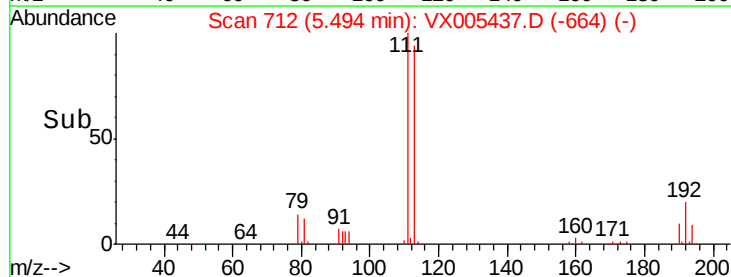
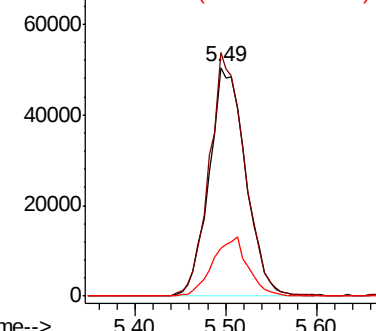


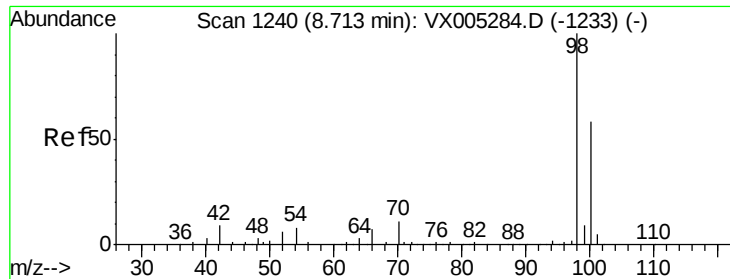
#35
Dibromofluoromethane
Concen: 48.035 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005437.D
Acq: 18 Oct 2018 18:23

Tgt Ion:113 Resp: 140374
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 24.7 19.4 29.2



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: 51.654 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005437.D

Acq: 18 Oct 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

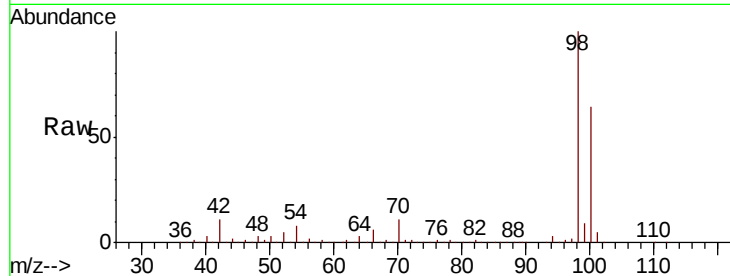
LS-DRUM

Tot Ion: 98 Resp: 518219

Ion Ratio Lower Upper

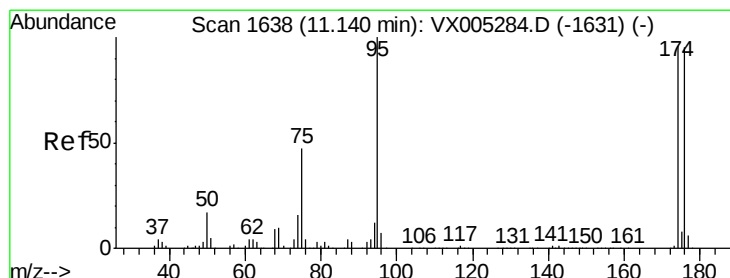
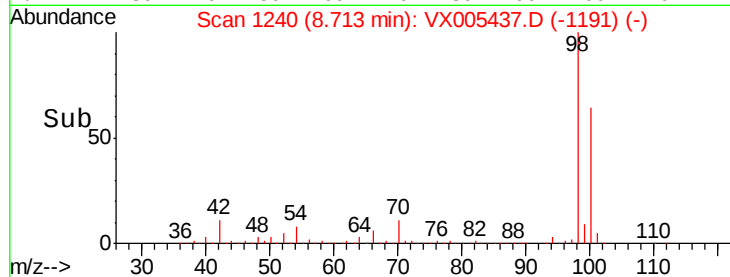
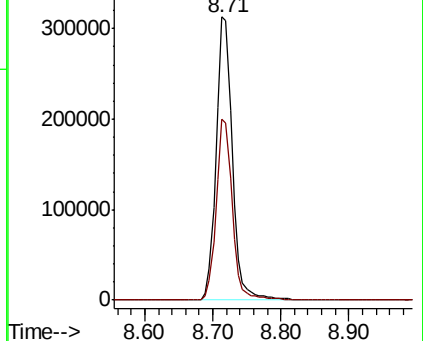
98 100

100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.169 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005437.D

Acq: 18 Oct 2018 18:23

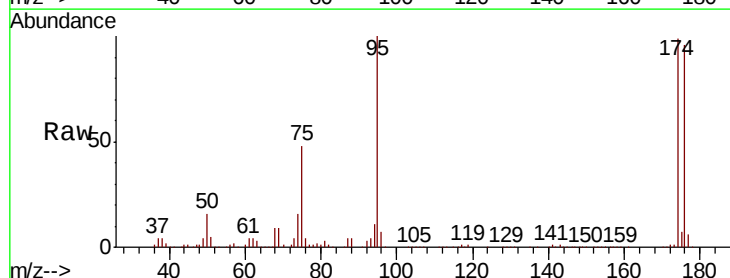
Tgt Ion: 95 Resp: 170234

Ion Ratio Lower Upper

95 100

174 96.5 0.0 185.2

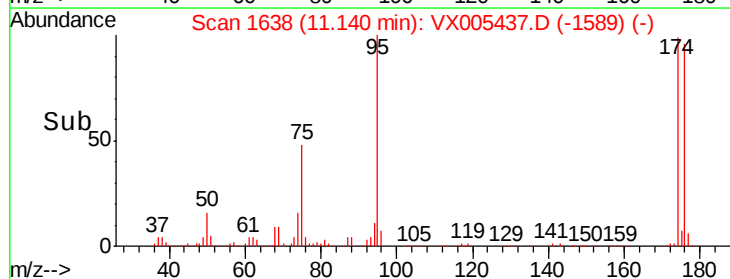
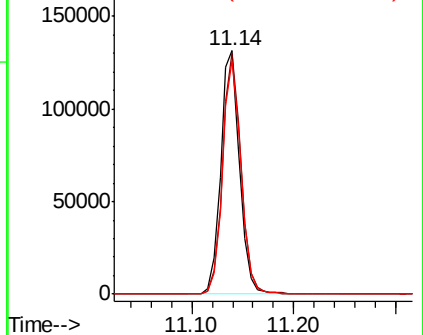
176 93.4 0.0 178.6

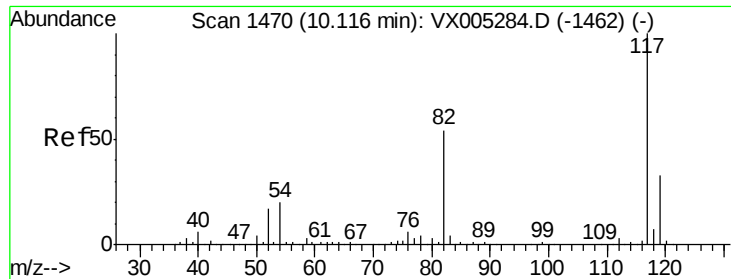


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

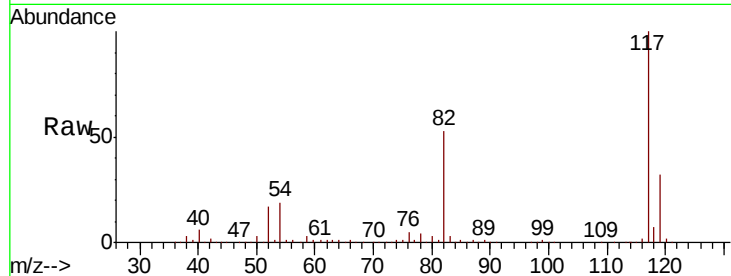




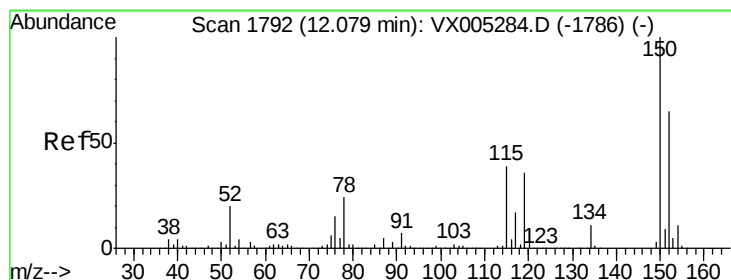
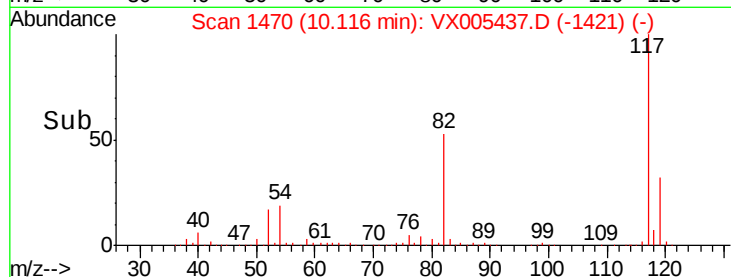
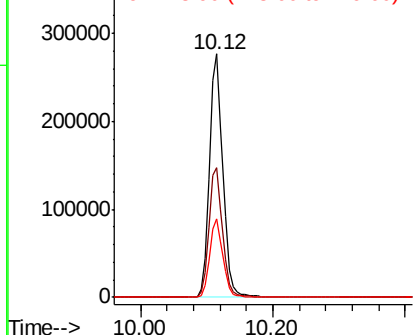
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005437.D
Acq: 18 Oct 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :
LS-DRUM

Tot Ion:117 Resp: 388323
Ion Ratio Lower Upper
117 100
82 53.2 47.8 71.6
119 32.2 29.3 43.9

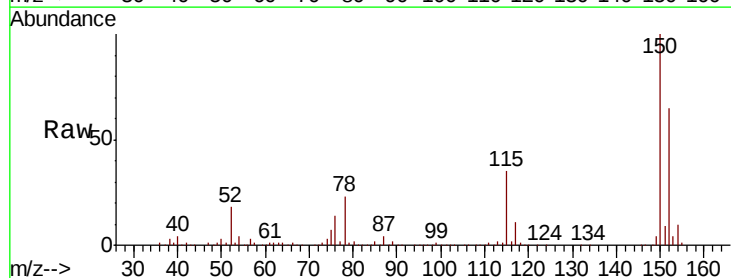


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005437.D
Acq: 18 Oct 2018 18:23

Tgt Ion:152 Resp: 189020
Ion Ratio Lower Upper
152 100
115 54.3 39.0 117.0
150 155.9 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

