

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005950.D
 Acq On : 13 Nov 2018 15:54
 Operator : JC/MD
 Sample : J5931-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-181112

Quant Time: Nov 14 09:28:39 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	102379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	147034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	127391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	62485	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	66977	56.91	ug/l	0.00
Spiked Amount			Recovery	=	113.82%	
35) Dibromofluoromethane	5.51	113	50473	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	8.71	98	168018	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.14	95	57000	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	

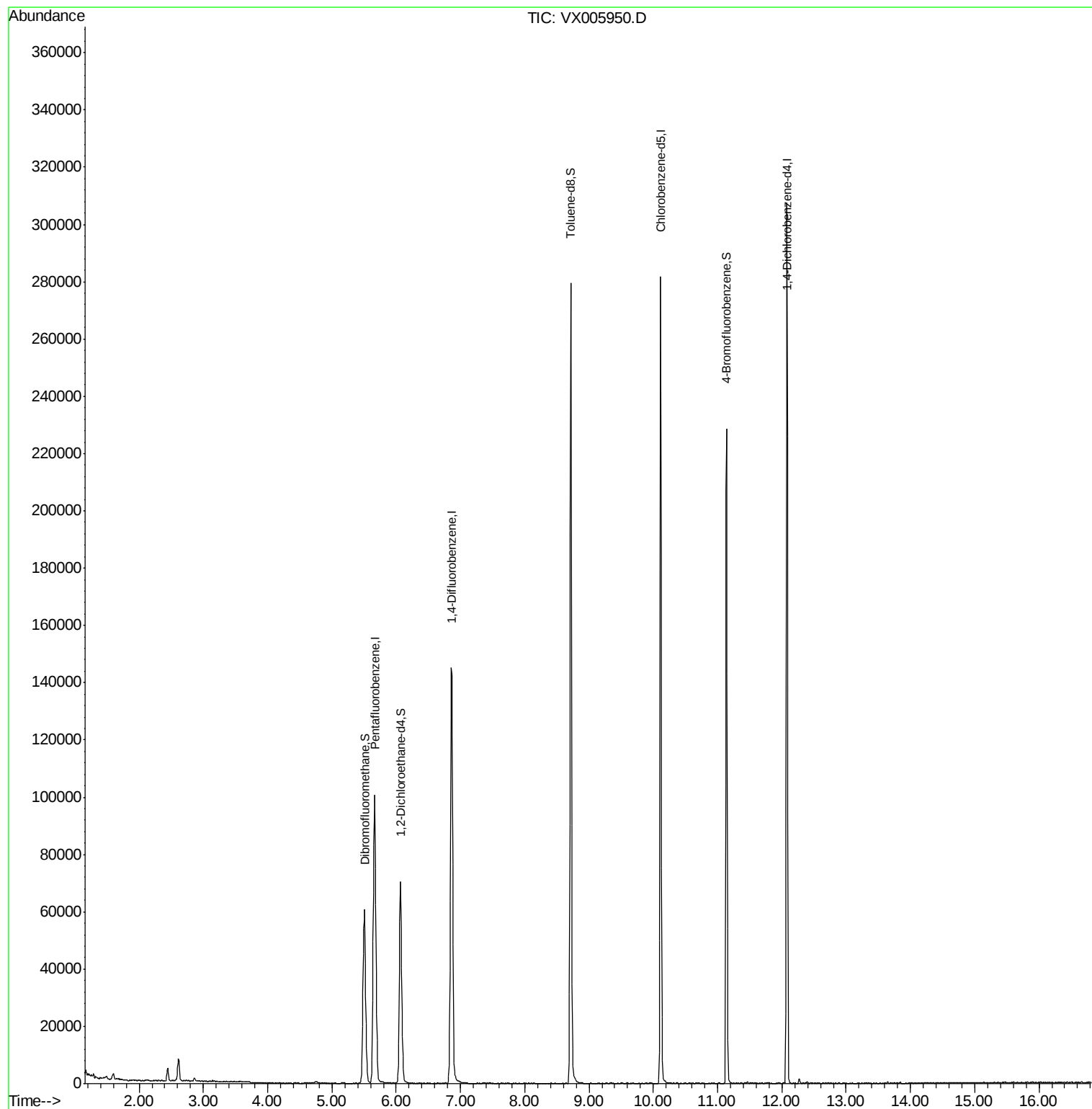
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005950.D

Acq: 13 Nov 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

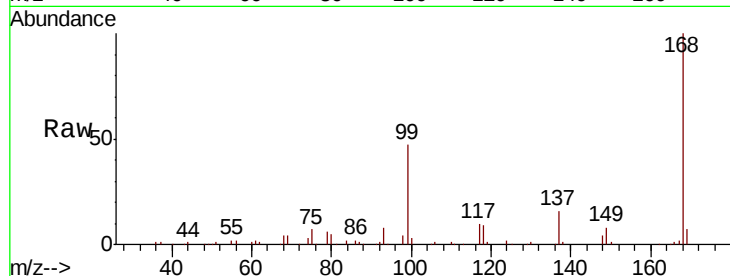
TB-01-181112

Tot Ion:168 Resp: 102379

Ion Ratio Lower Upper

168 100

99 46.6 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

40000

30000

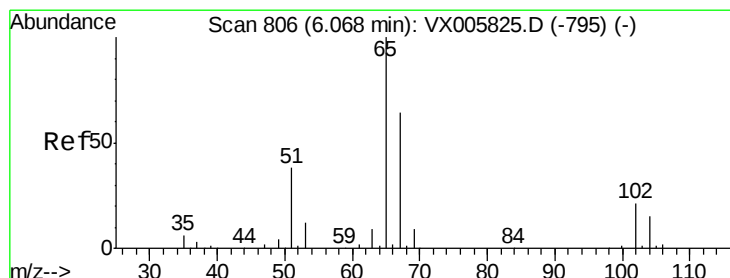
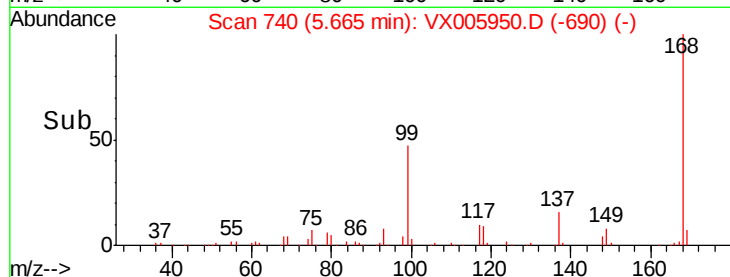
20000

10000

0

5.60 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.906 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005950.D

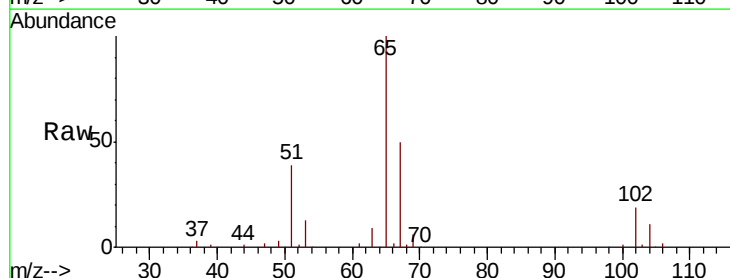
Acq: 13 Nov 2018 15:54

Tgt Ion: 65 Resp: 66977

Ion Ratio Lower Upper

65 100

67 54.4 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

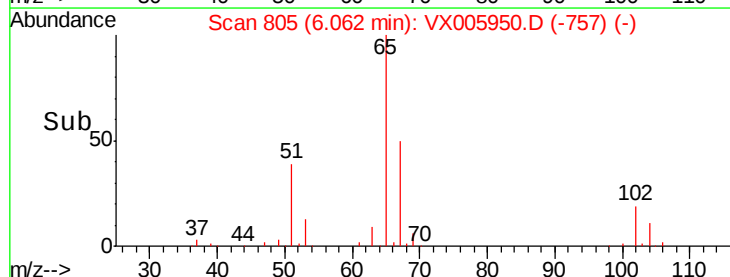
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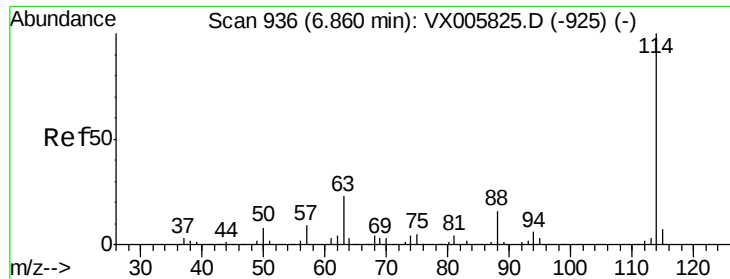
5000

0

6.00 6.10 6.20

Time-->

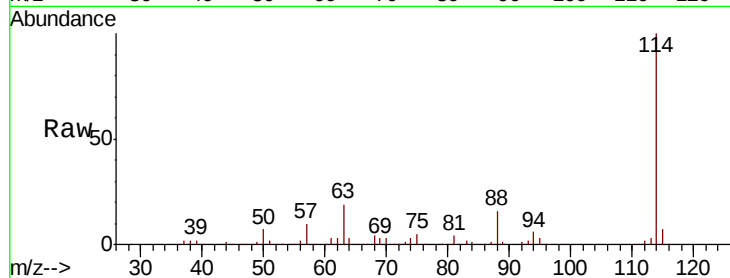




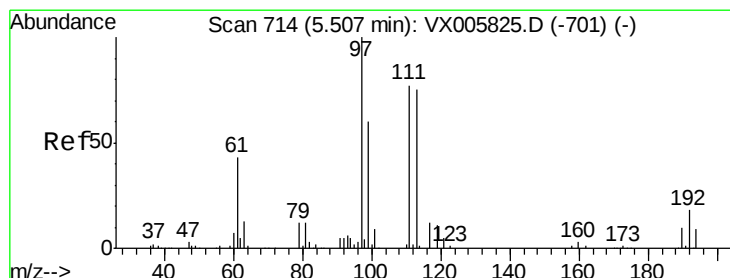
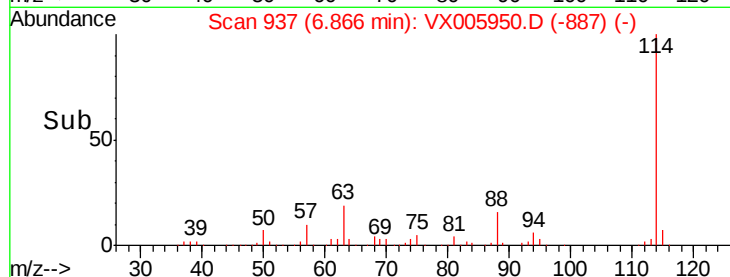
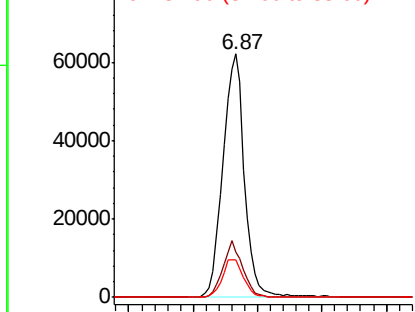
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005950.D
Acq: 13 Nov 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TB-01-181112

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.8
88	15.6	0.0	31.2

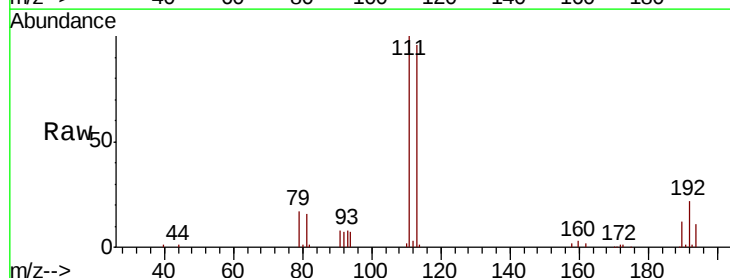


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

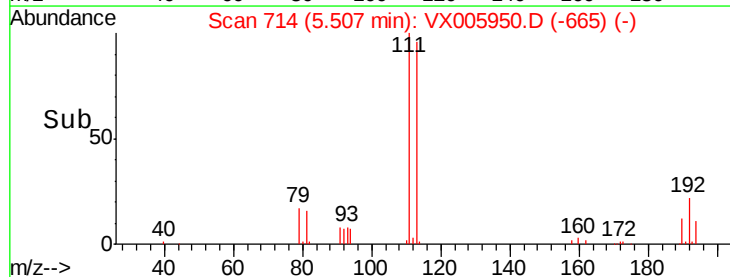
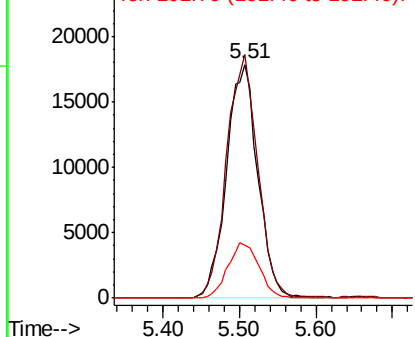


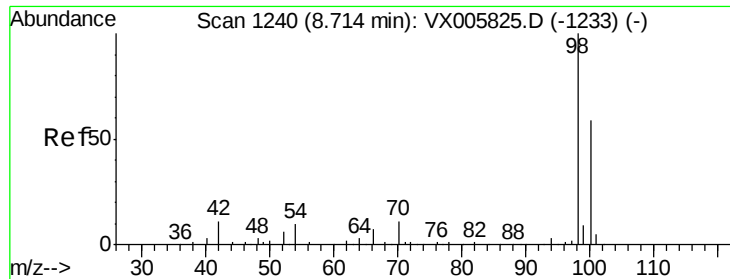
#35
Dibromofluoromethane
Concen: 50.470 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX005950.D
Acq: 13 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.3	123.5
192	23.7	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: 50.536 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005950.D

Acq: 13 Nov 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

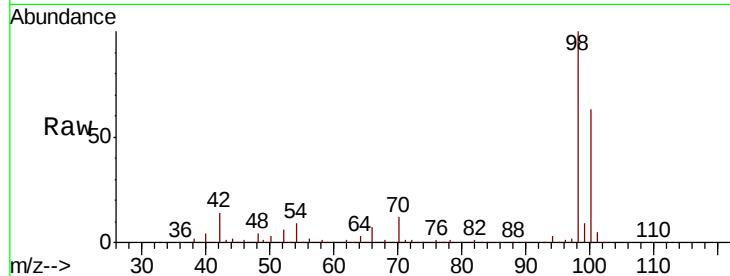
TB-01-181112

Tot Ion: 98 Resp: 168018

Ion Ratio Lower Upper

98 100

100 62.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

120000

100000

80000

60000

40000

20000

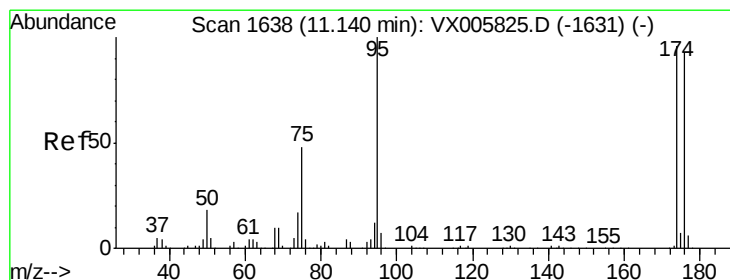
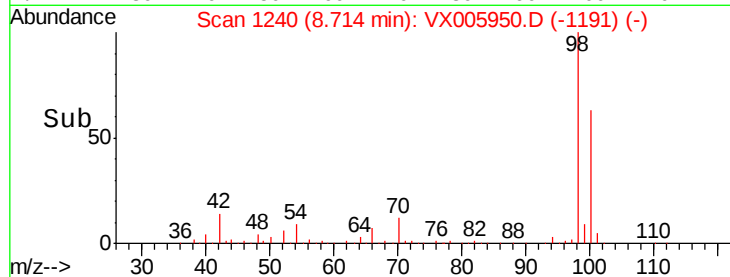
0

8.60

8.71

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 47.684 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005950.D

Acq: 13 Nov 2018 15:54

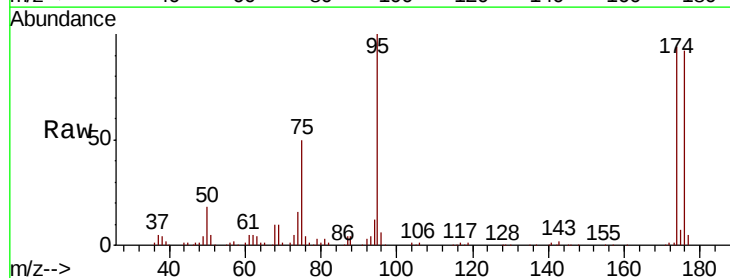
Tgt Ion: 95 Resp: 57000

Ion Ratio Lower Upper

95 100

174 91.9 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

50000

40000

30000

20000

10000

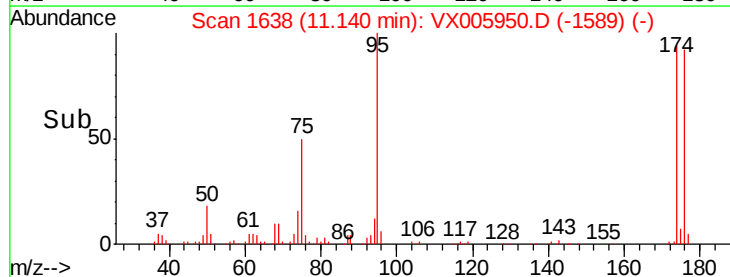
0

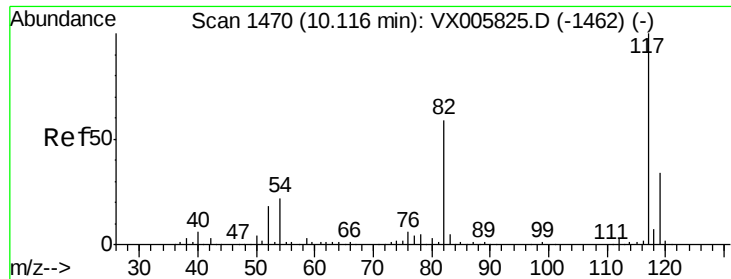
11.10

11.14

11.20

Time-->

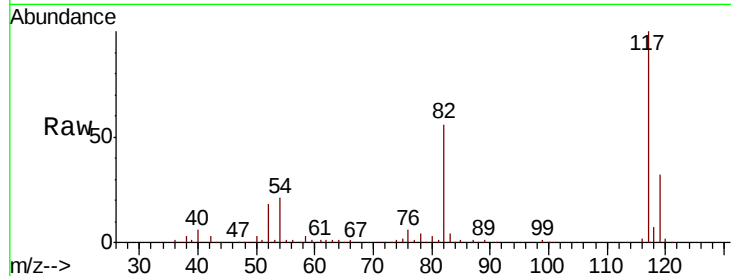




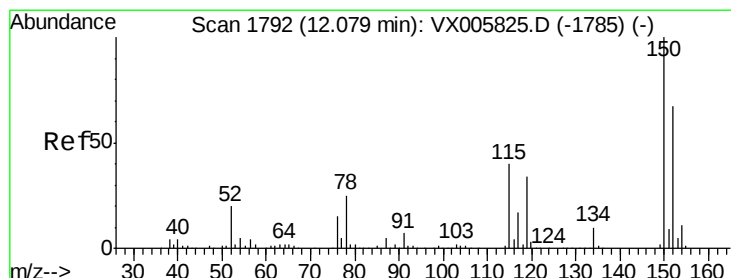
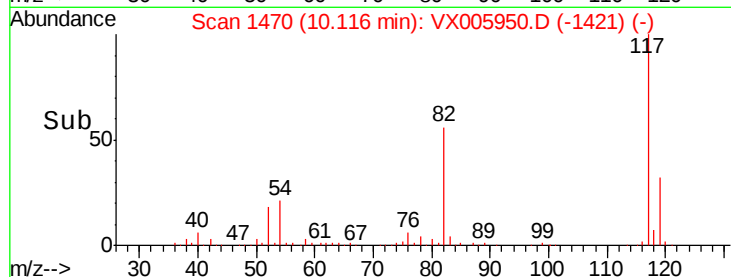
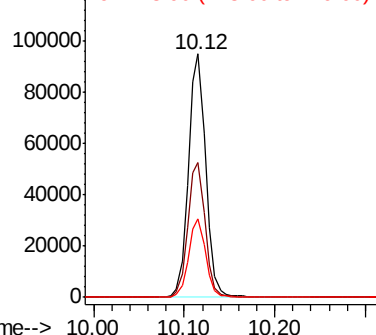
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005950.D
Acq: 13 Nov 2018 15:54

Instrument :
MSVOA_X
ClientSampled :
TB-01-181112

Tot Ion:117 Resp: 127391
Ion Ratio Lower Upper
117 100
82 55.5 44.1 66.1
119 32.0 26.2 39.2

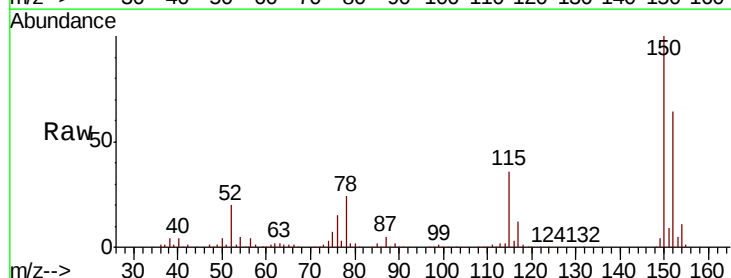


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005950.D
Acq: 13 Nov 2018 15:54

Tgt Ion:152 Resp: 62485
Ion Ratio Lower Upper
152 100
115 56.6 39.4 118.1
150 155.5 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

