

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005948.D
 Acq On : 13 Nov 2018 15:00
 Operator : JC/MD
 Sample : J5912-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-181109

Quant Time: Nov 14 04:06:22 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

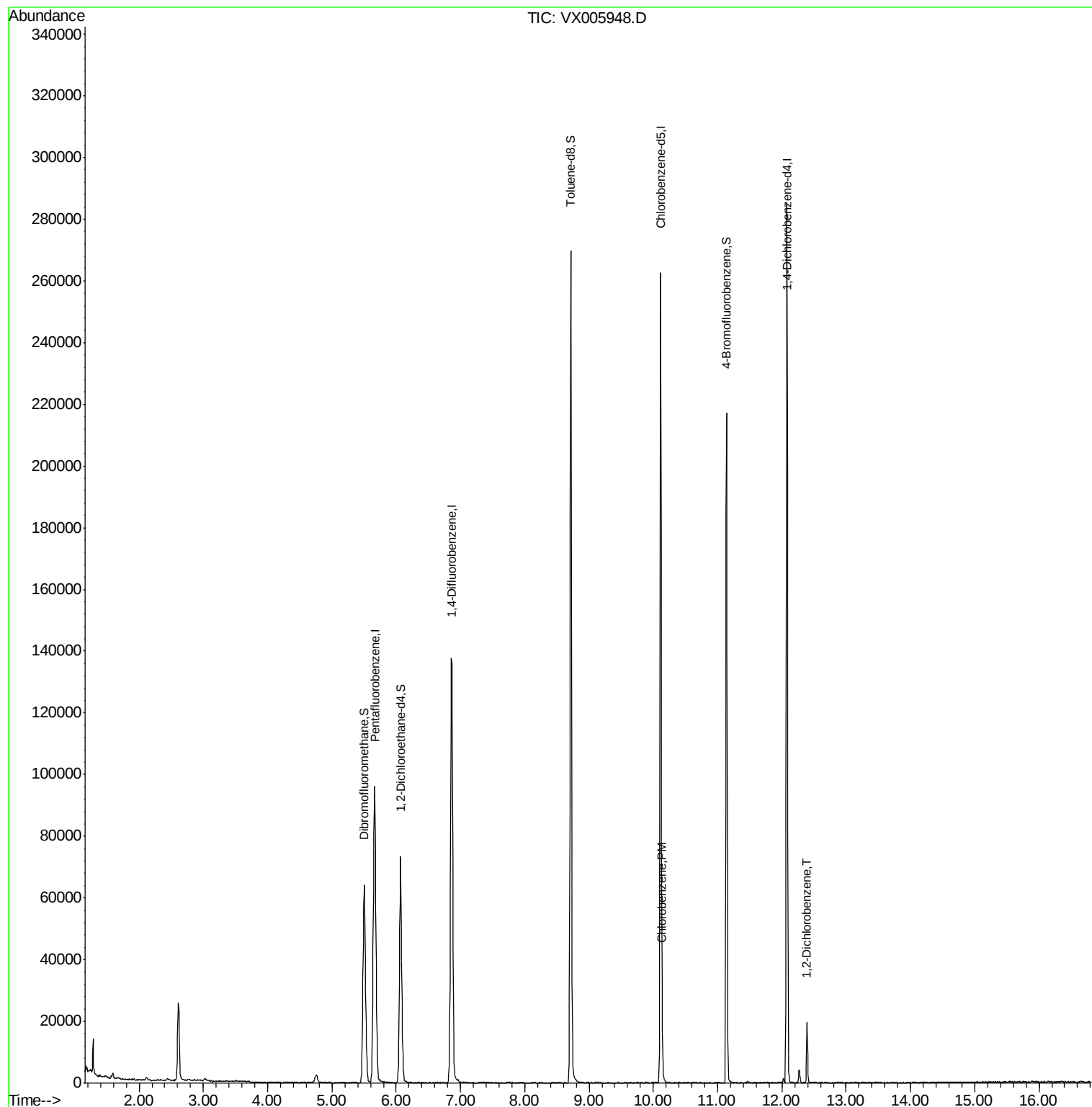
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	95563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	139533	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.12	117	119323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	57604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	64513	58.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.44%	
35) Dibromofluoromethane	5.50	113	51620	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
50) Toluene-d8	8.71	98	158754	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	52522	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
Target Compounds						
65) Chlorobenzene	10.14	112	4110	1.719	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	6494	3.598	ug/l	99

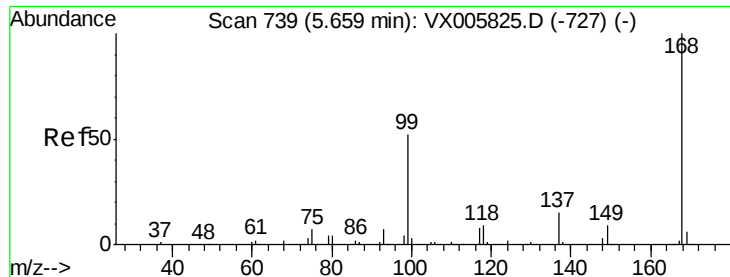
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 07 14:40:53 2018
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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: VX005948.D

Acq: 13 Nov 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

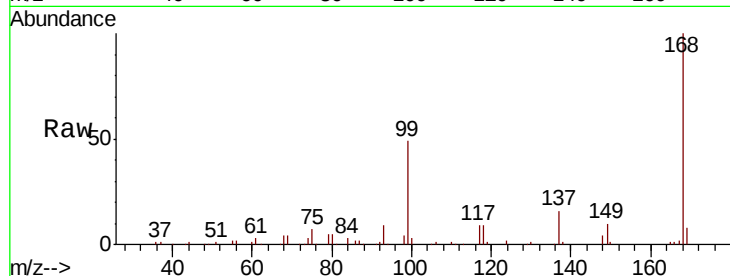
SS003RW114R-181109

Tot Ion:168 Resp: 95563

Ion Ratio Lower Upper

168 100

99 49.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005825.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005825.D (-727) (-)

5.66

30000

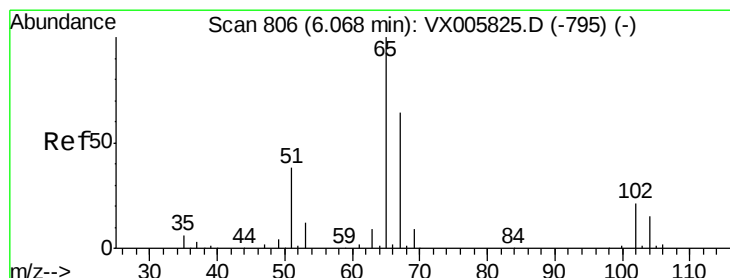
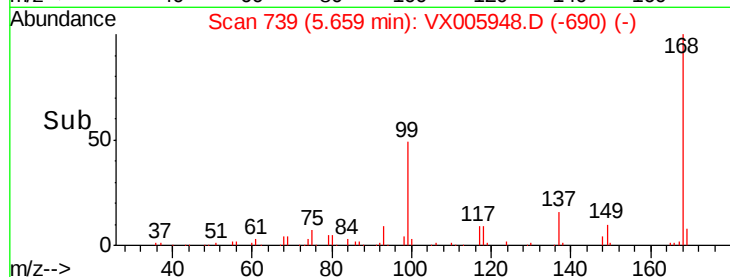
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 58.722 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005948.D

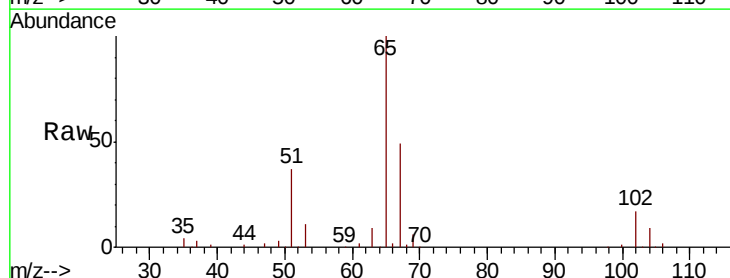
Acq: 13 Nov 2018 15:00

Tgt Ion: 65 Resp: 64513

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX005825.D (-795) (-)

Ion 66.90 (66.60 to 67.60): VX005825.D (-795) (-)

6.07

30000

25000

20000

15000

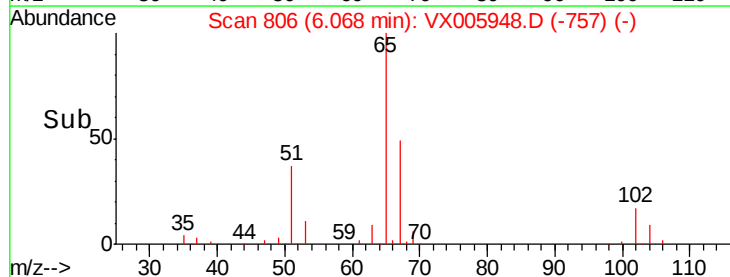
10000

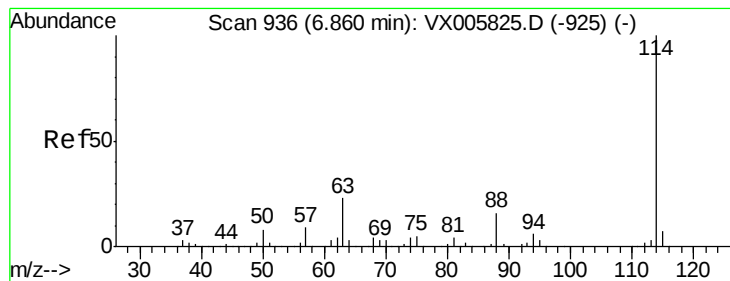
5000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 938

Delta R.T. 0.01 min

Lab File: VX005948.D

Acq: 13 Nov 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-181109

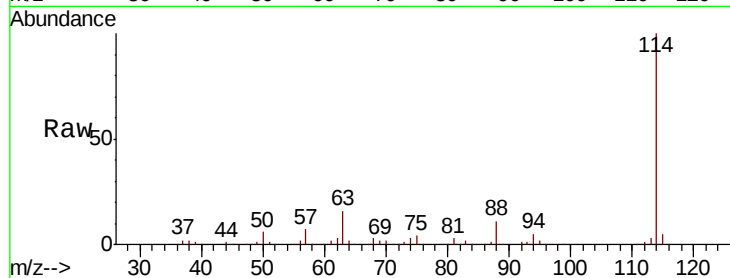
Tot Ion:114 Resp: 139533

Ion Ratio Lower Upper

114 100

63 16.2 0.0 42.8

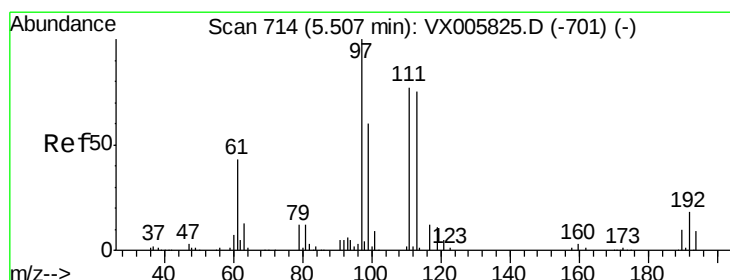
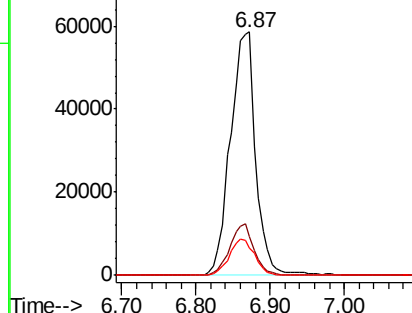
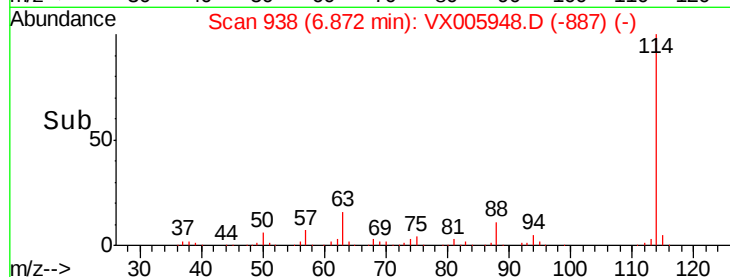
88 11.4 0.0 31.2



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: 54.392 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005948.D

Acq: 13 Nov 2018 15:00

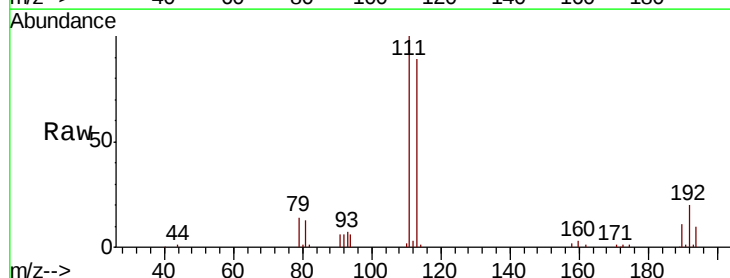
Tgt Ion:113 Resp: 51620

Ion Ratio Lower Upper

113 100

111 105.8 82.3 123.5

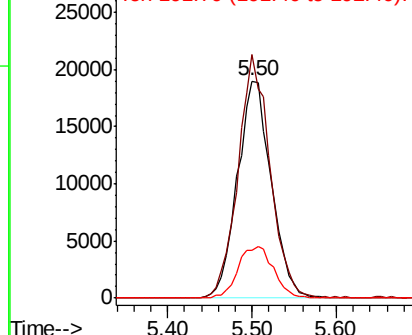
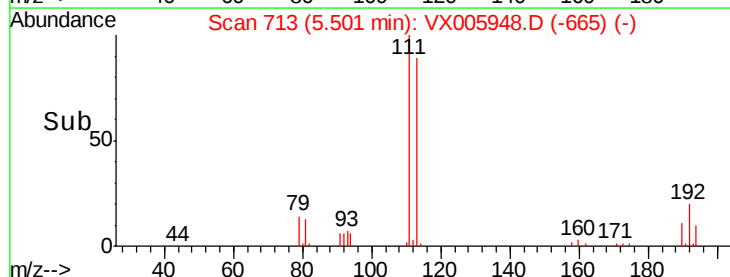
192 24.8 17.9 26.9

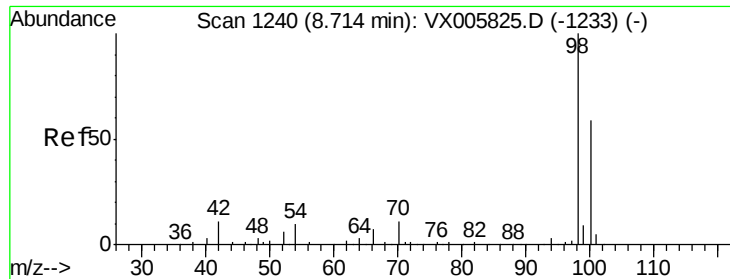


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.316 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005948.D

Acq: 13 Nov 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

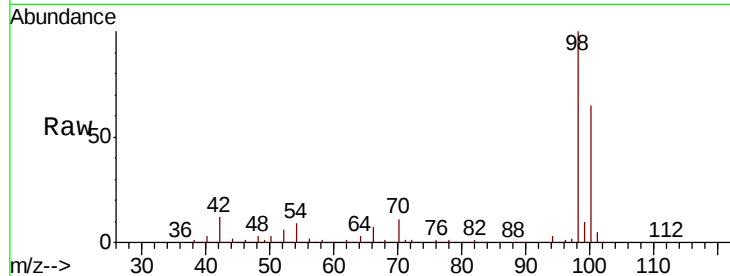
SS003RW114R-181109

Tot Ion: 98 Resp: 158754

Ion Ratio Lower Upper

98 100

100 63.0 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

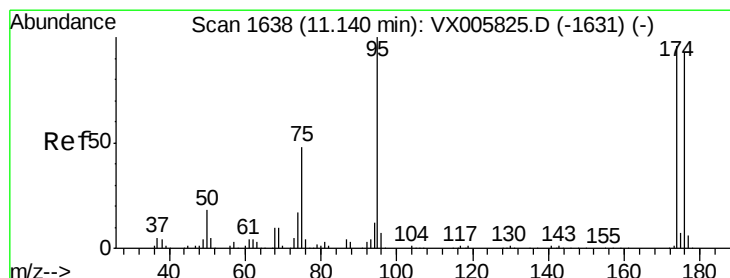
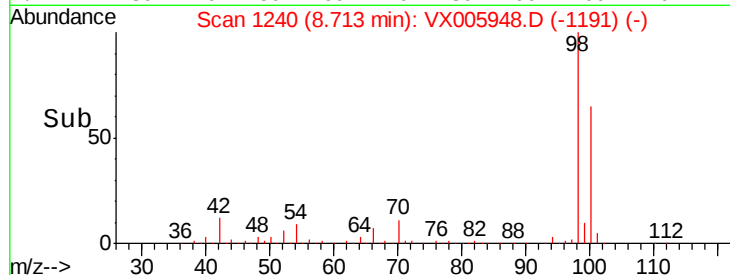
40000

20000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 46.300 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005948.D

Acq: 13 Nov 2018 15:00

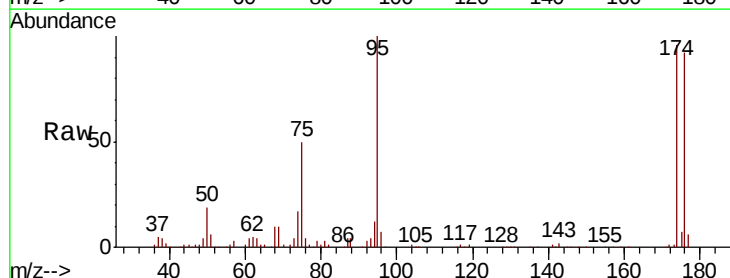
Tgt Ion: 95 Resp: 52522

Ion Ratio Lower Upper

95 100

174 93.2 0.0 184.4

176 88.9 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

50000

40000

30000

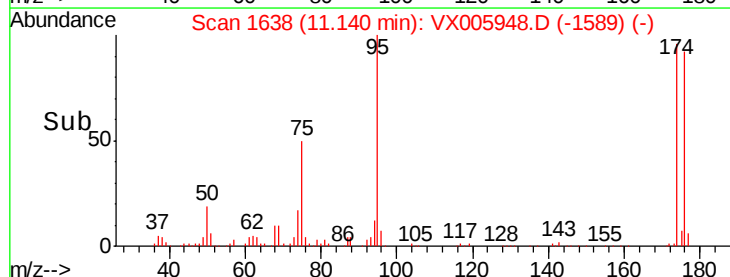
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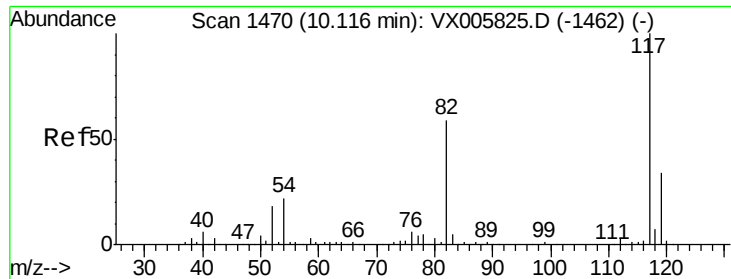
10000

0

11.10 11.20

Time-->

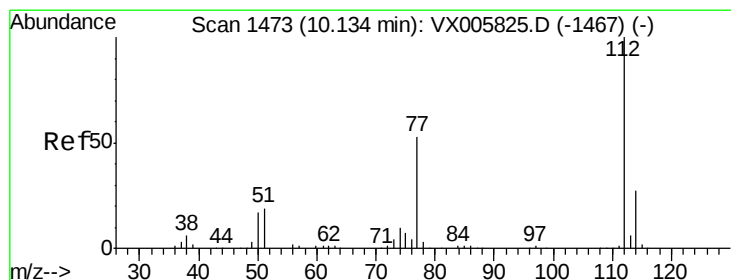
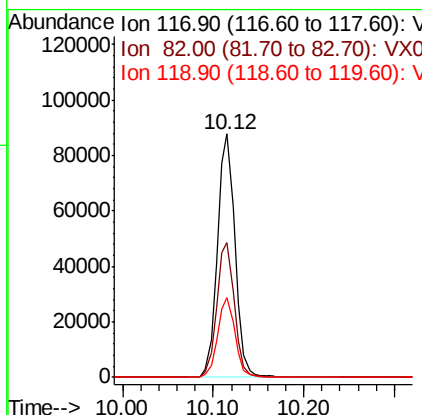
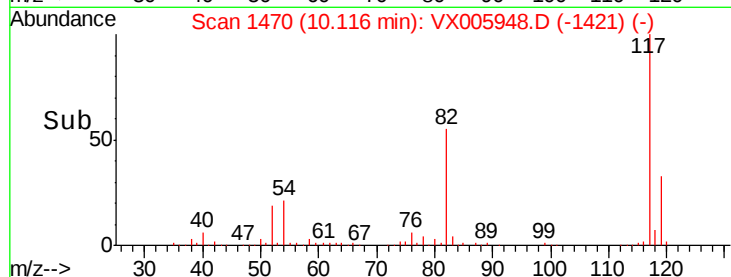
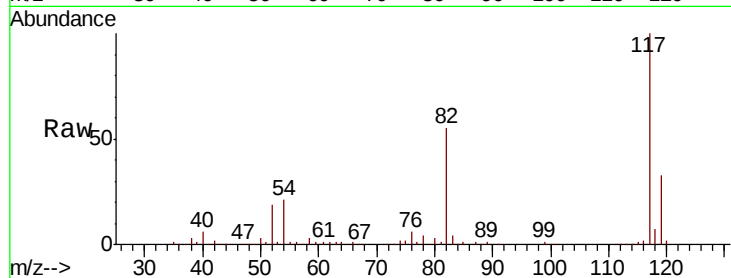




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005948.D
Acq: 13 Nov 2018 15:00

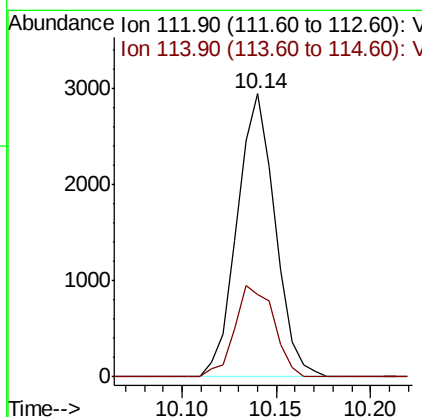
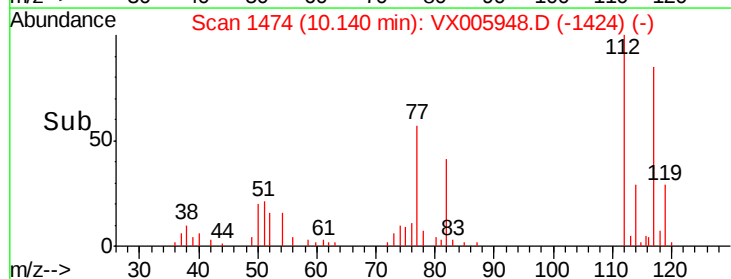
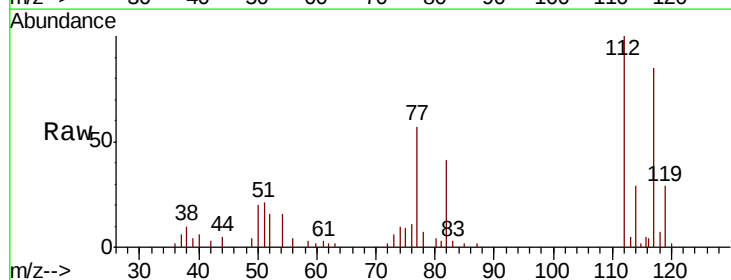
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-181109

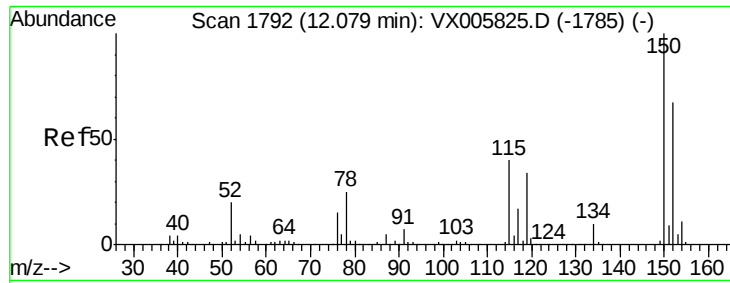
Tot Ion:117 Resp: 119323
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 32.9 26.2 39.2



#65
Chlorobenzene
Concen: 1.719 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005948.D
Acq: 13 Nov 2018 15:00

Tgt Ion:112 Resp: 4110
Ion Ratio Lower Upper
112 100
114 29.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005948.D

Acq: 13 Nov 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-181109

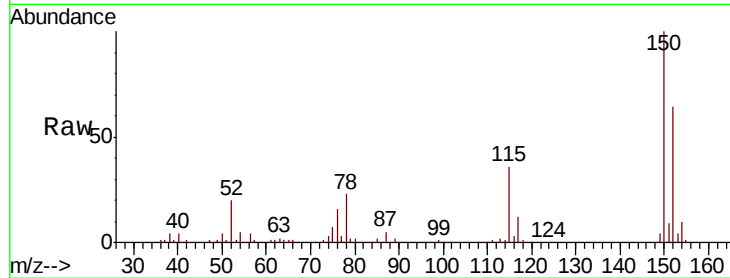
Tot Ion:152 Resp: 57604

Ion Ratio Lower Upper

152 100

115 55.2 39.4 118.1

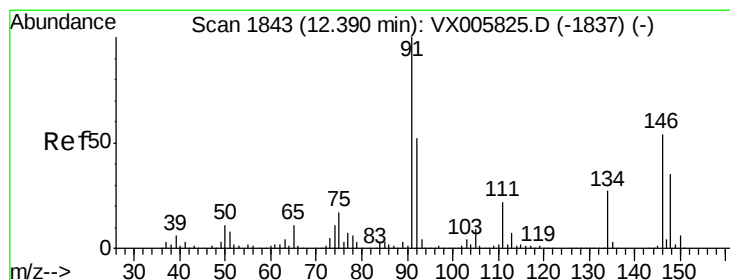
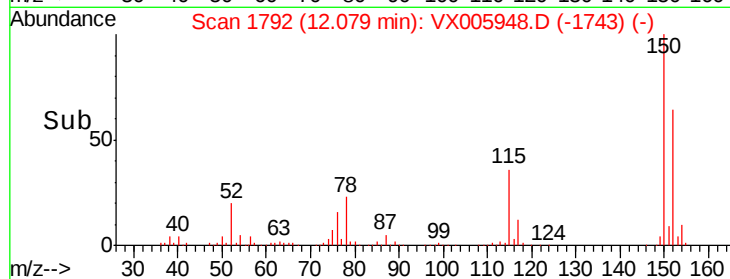
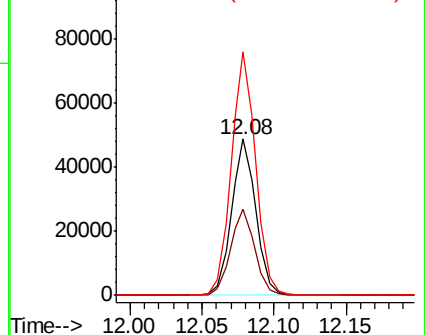
150 156.9 0.0 346.4



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



#91

1,2-Dichlorobenzene

Concen: 3.598 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005948.D

Acq: 13 Nov 2018 15:00

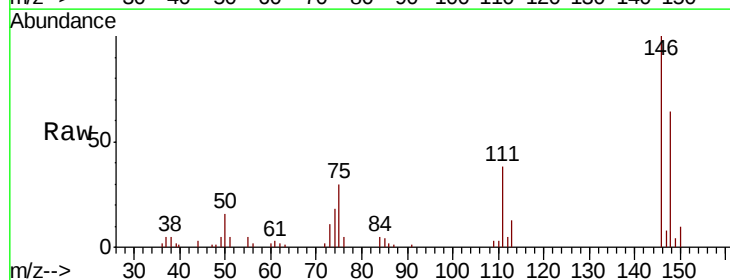
Tgt Ion:146 Resp: 6494

Ion Ratio Lower Upper

146 100

111 38.6 20.0 59.9

148 64.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

