

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005947.D
 Acq On : 13 Nov 2018 14:34
 Operator : JC/MD
 Sample : J5912-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW331-181108

Quant Time: Nov 14 04:04:02 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	95937	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	139769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	125125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	61431	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	63019	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.28%	
35) Dibromofluoromethane	5.50	113	50961	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
50) Toluene-d8	8.71	98	164490	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.14	95	55709	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	

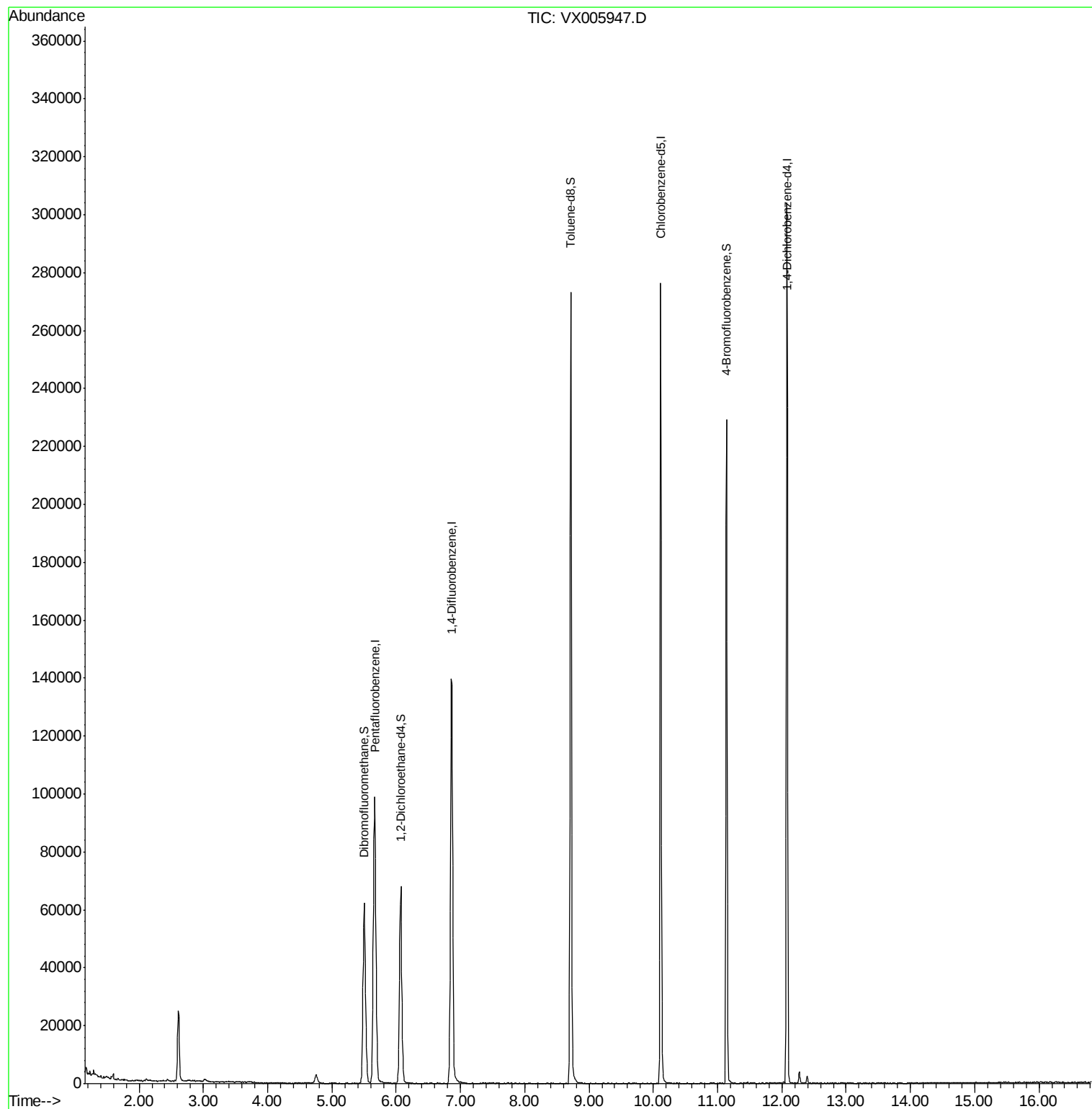
Target Compounds	Qvalue
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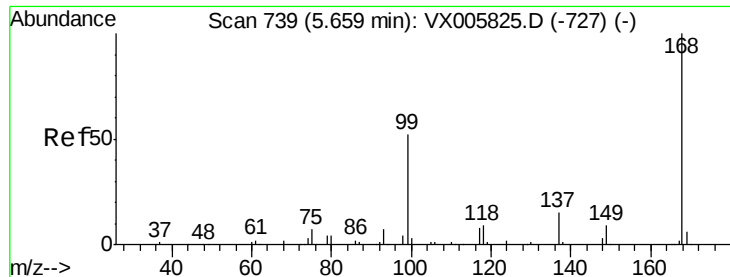
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005947.D

Acq: 13 Nov 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

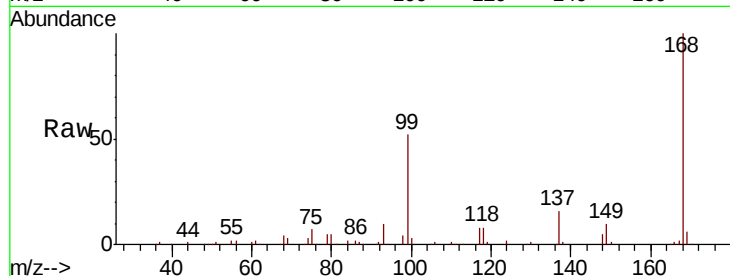
SS003MW331-181108

Tot Ion:168 Resp: 95937

Ion Ratio Lower Upper

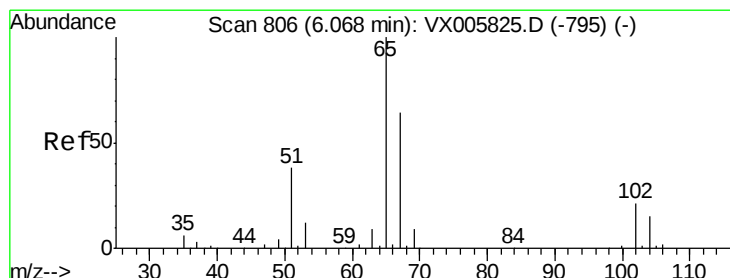
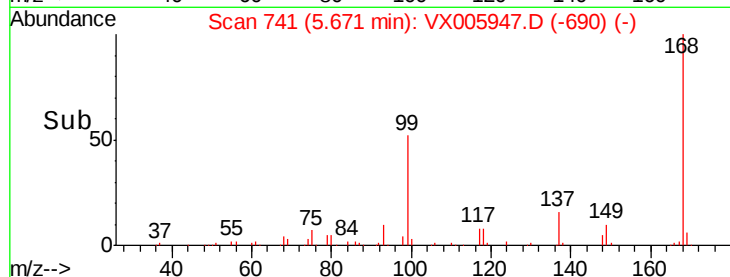
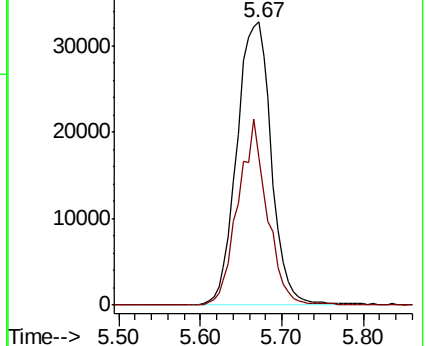
168 100

99 52.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 57.138 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005947.D

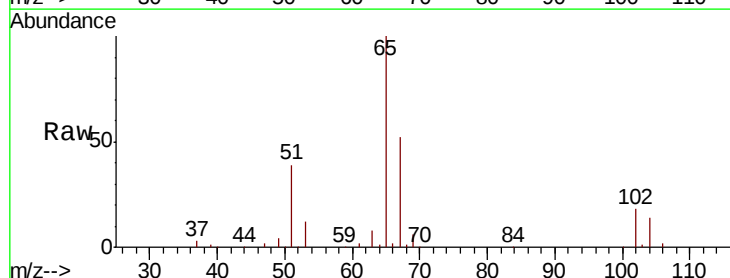
Acq: 13 Nov 2018 14:34

Tgt Ion: 65 Resp: 63019

Ion Ratio Lower Upper

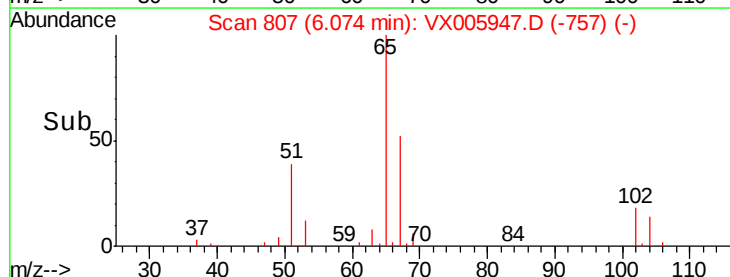
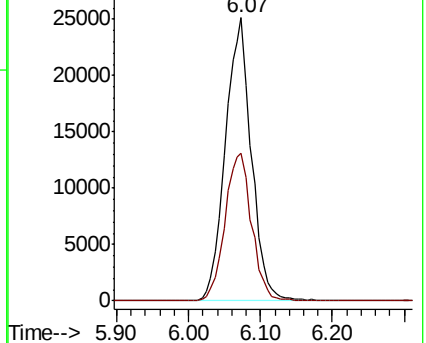
65 100

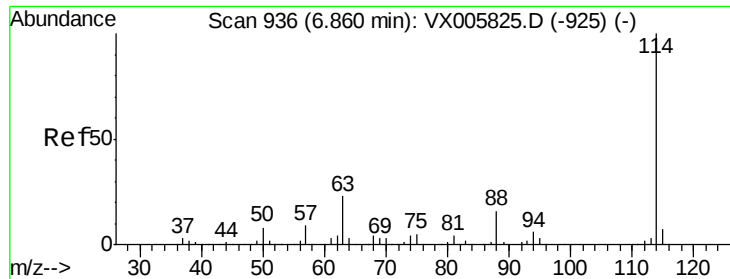
67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

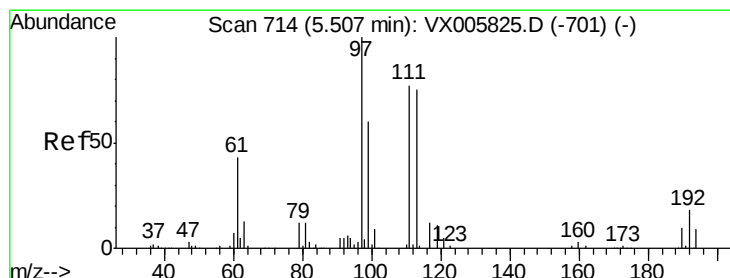
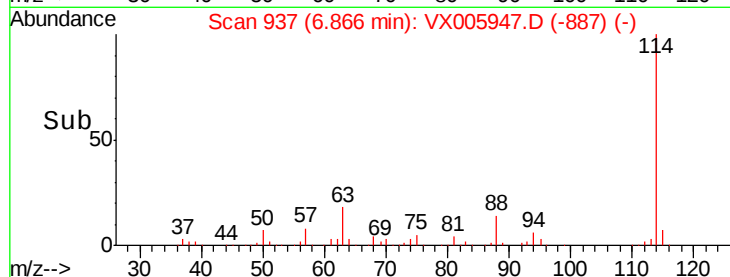
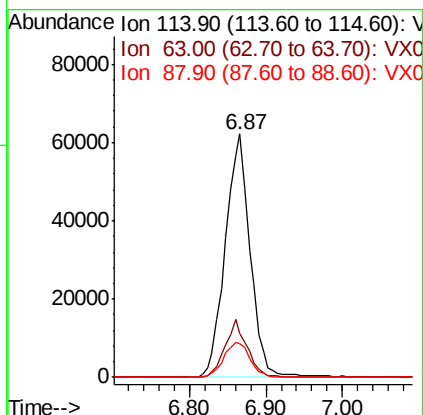
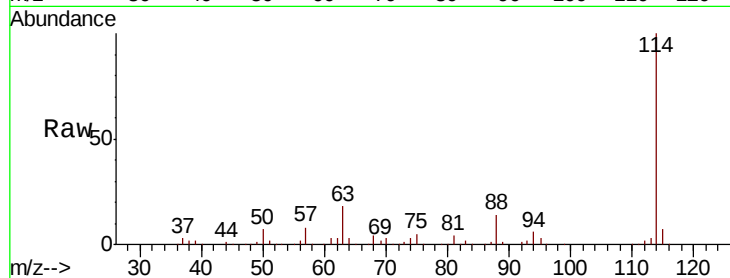




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005947.D
Acq: 13 Nov 2018 14:34

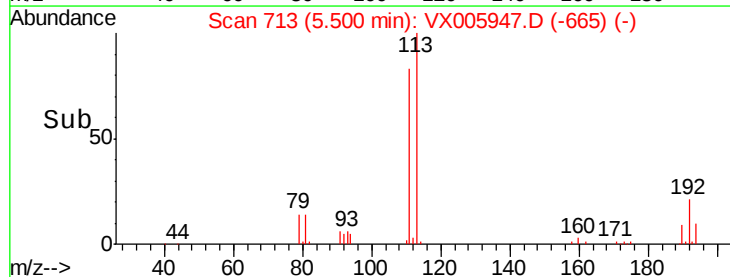
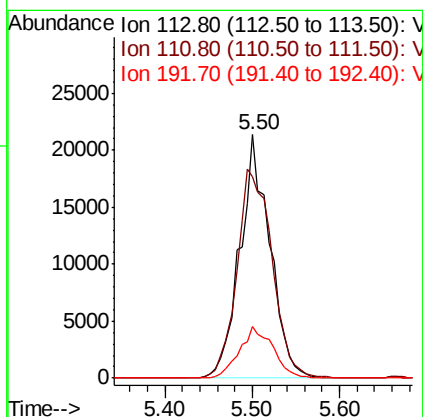
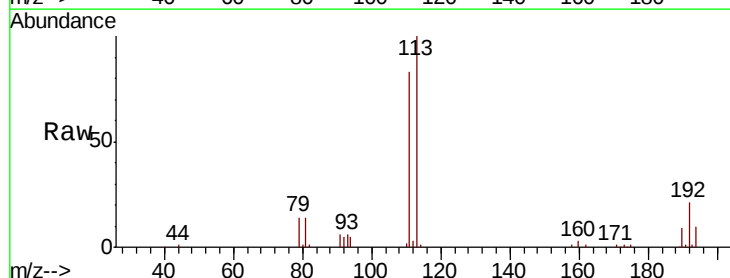
Instrument :
MSVOA_X
ClientSampleId :
SS003MW331-181108

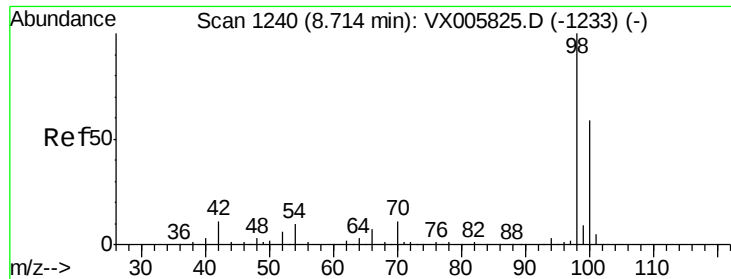
Tot Ion:114 Resp: 139769
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.8
88 13.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 53.607 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX005947.D
Acq: 13 Nov 2018 14:34

Tgt Ion:113 Resp: 50961
Ion Ratio Lower Upper
113 100
111 100.7 82.3 123.5
192 23.5 17.9 26.9





#50

Toluene-d8

Concen: 52.046 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005947.D

Acq: 13 Nov 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

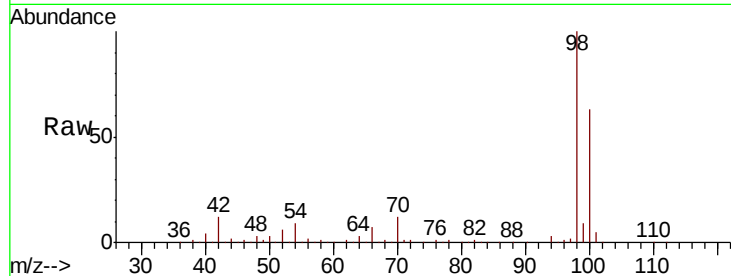
SS003MW331-181108

Tot Ion: 98 Resp: 164490

Ion Ratio Lower Upper

98 100

100 62.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX005825.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX005825.D (-1233) (-)

8.71

120000

100000

80000

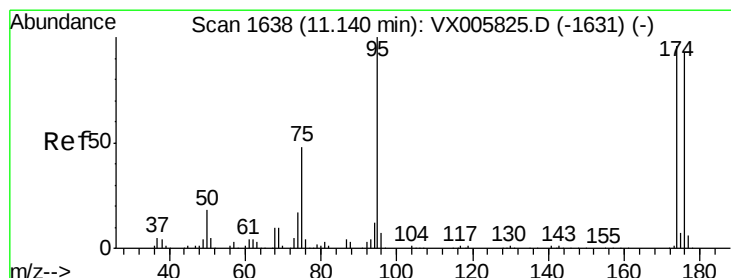
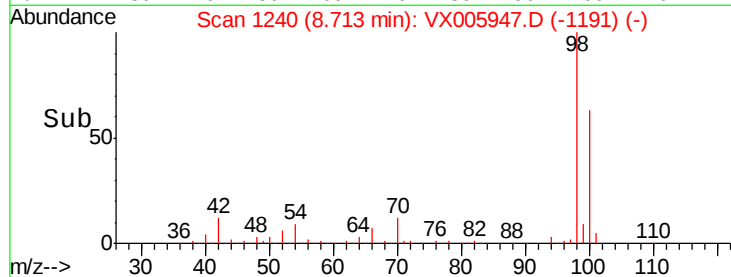
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.026 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005947.D

Acq: 13 Nov 2018 14:34

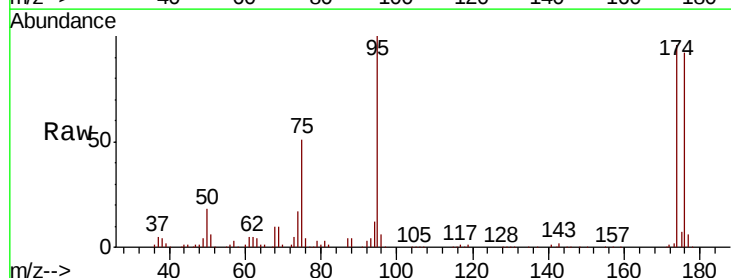
Tgt Ion: 95 Resp: 55709

Ion Ratio Lower Upper

95 100

174 93.2 0.0 184.4

176 89.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005825.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005825.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005825.D (-1631) (-)

11.14

60000

50000

40000

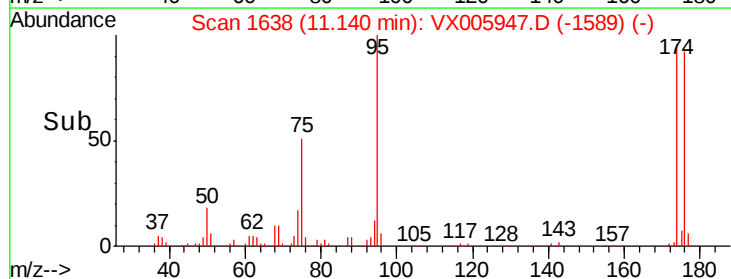
30000

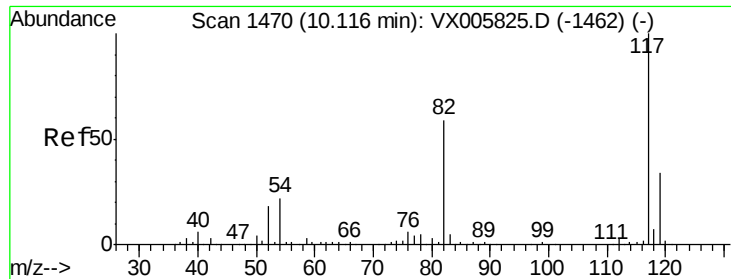
20000

10000

0

Time-->

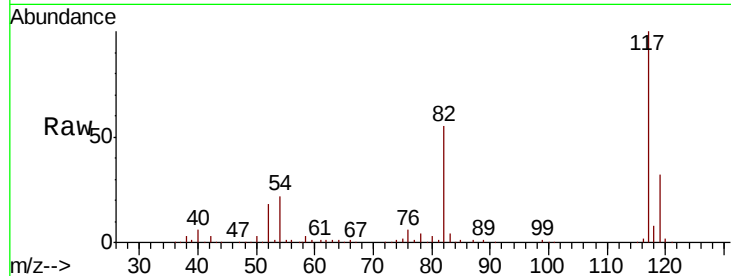




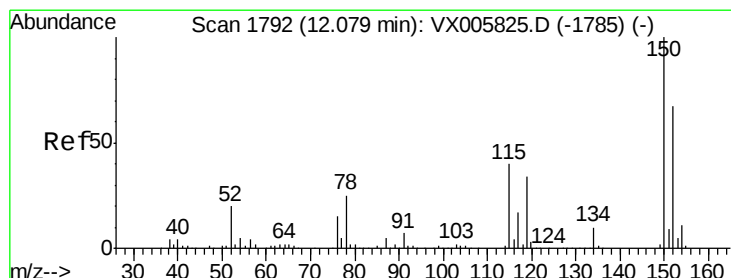
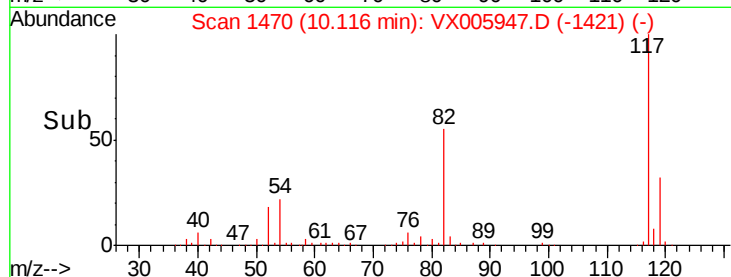
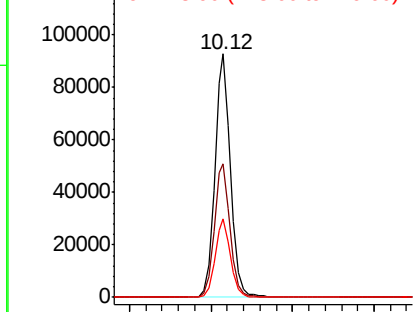
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005947.D
Acq: 13 Nov 2018 14:34

Instrument :
MSVOA_X
ClientSampleId :
SS003MW331-181108

Tot Ion:117 Resp: 125125
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 32.4 26.2 39.2

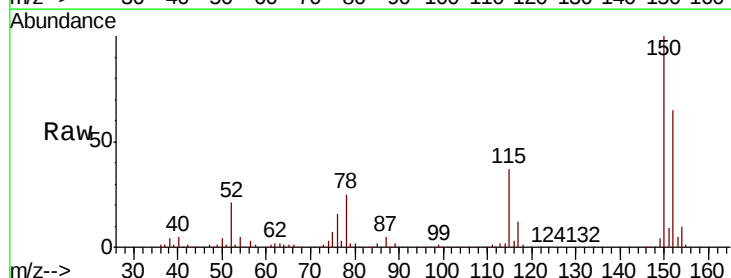


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005947.D
Acq: 13 Nov 2018 14:34

Tgt Ion:152 Resp: 61431
Ion Ratio Lower Upper
152 100
115 55.5 39.4 118.1
150 154.6 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

