

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012908.D
 Acq On : 08 Oct 2019 23:39
 Operator : JC/SP
 Sample : K5232-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ1CSS-TB1

Quant Time: Oct 09 04:29:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97218	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	115795	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
35) Dibromofluoromethane	5.49	113	88959	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
50) Toluene-d8	8.71	98	355430	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.13	95	118201	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	

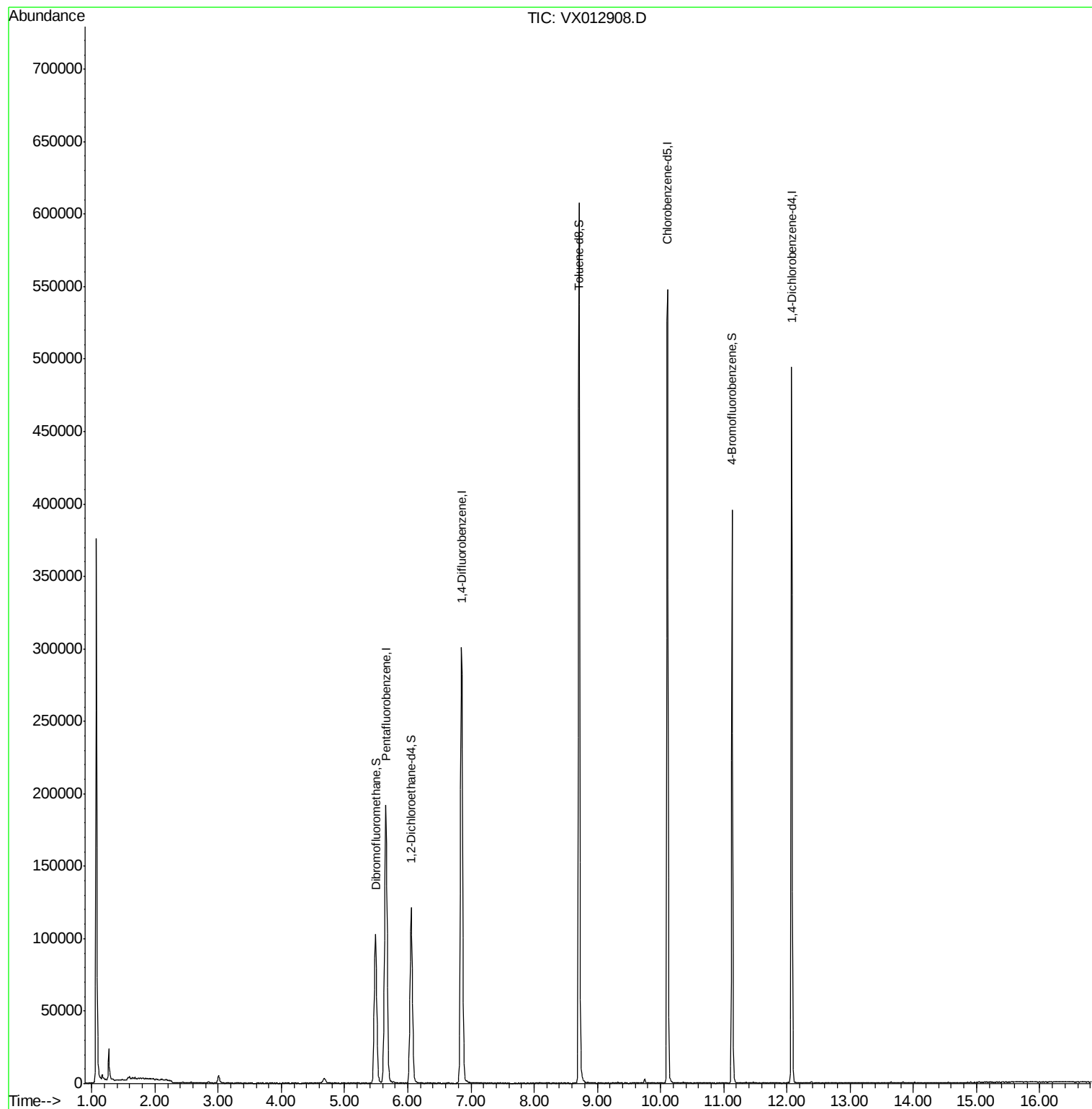
Target Compounds	Qvalue
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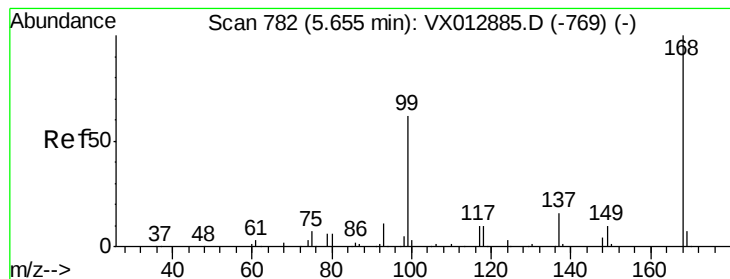
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012908.D

Acq: 08 Oct 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

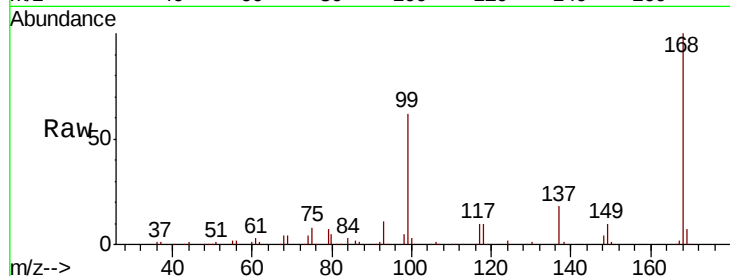
FA19-GMZ1CSS-TB1

Tot Ion:168 Resp: 178205

Ion Ratio Lower Upper

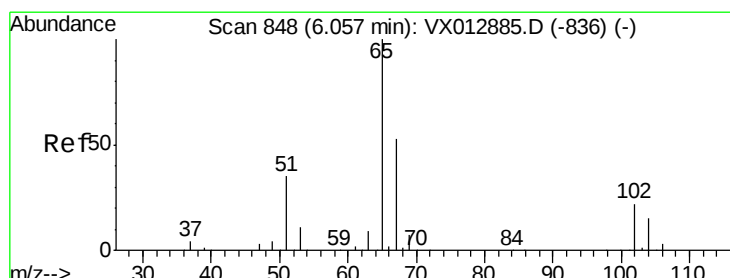
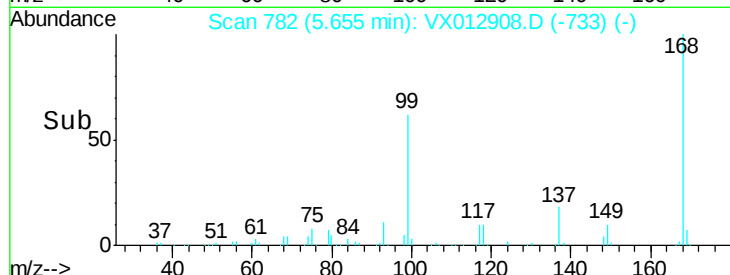
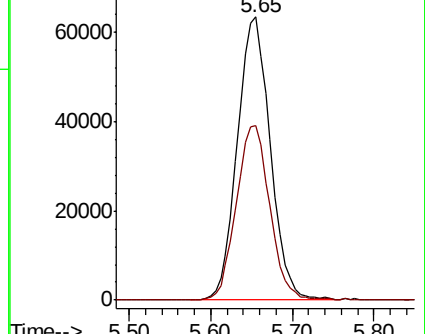
168 100

99 61.6 49.4 74.0



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: 51.988 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX012908.D

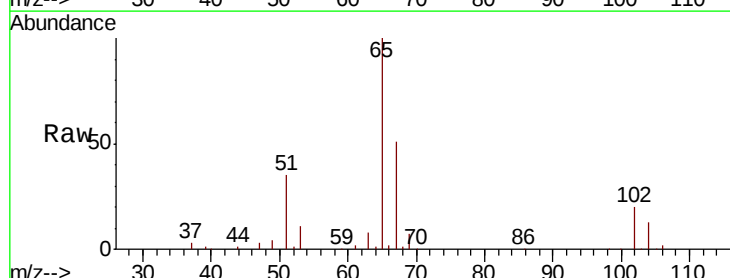
Acq: 08 Oct 2019 23:39

Tgt Ion: 65 Resp: 115795

Ion Ratio Lower Upper

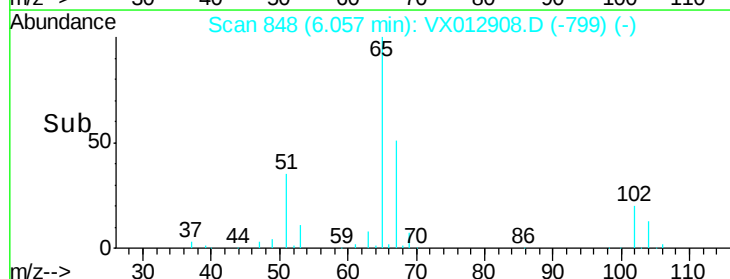
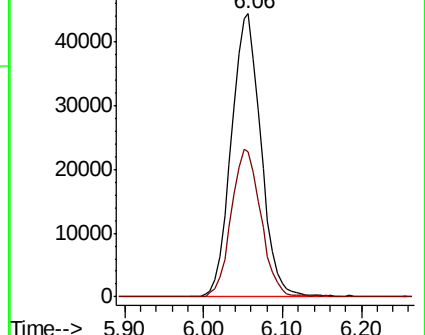
65 100

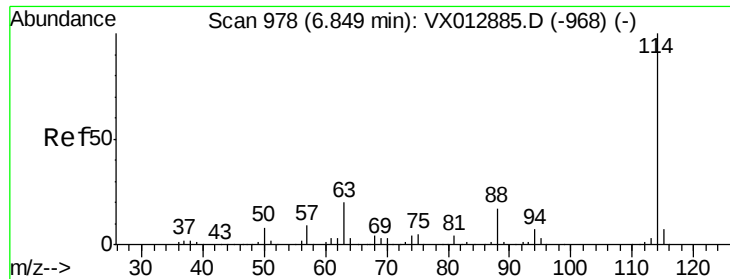
67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

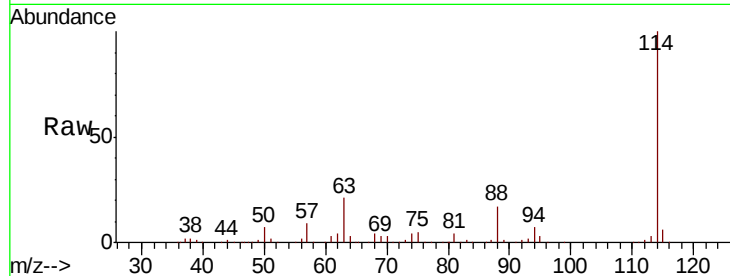




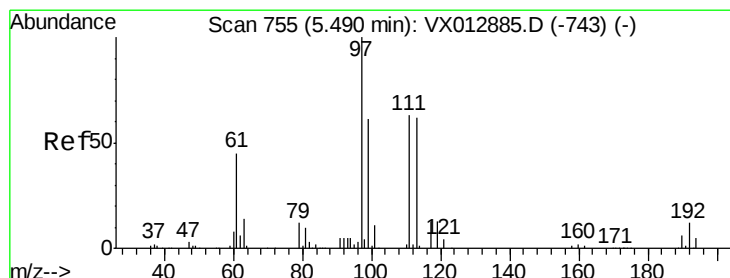
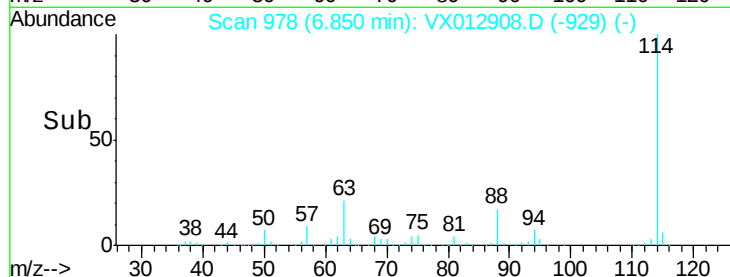
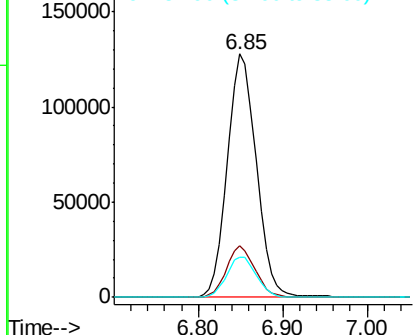
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012908.D
Acq: 08 Oct 2019 23:39

Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1CSS-TB1

Tot Ion:114 Resp: 300312
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.6 0.0 33.8

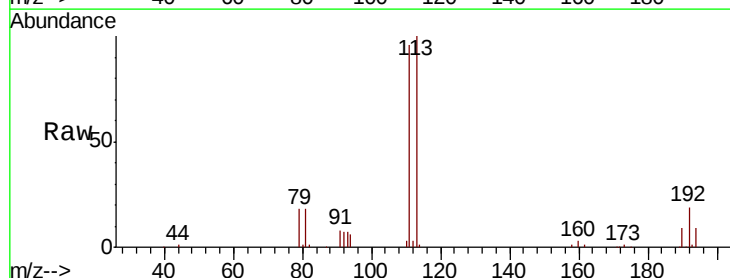


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

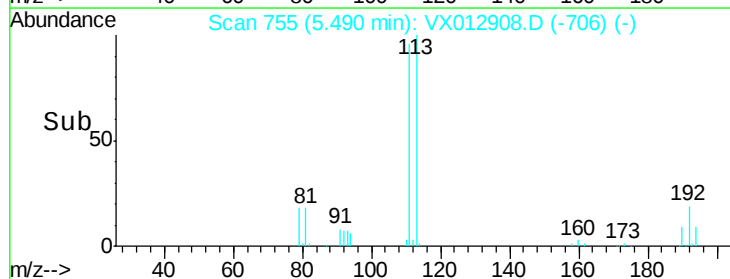
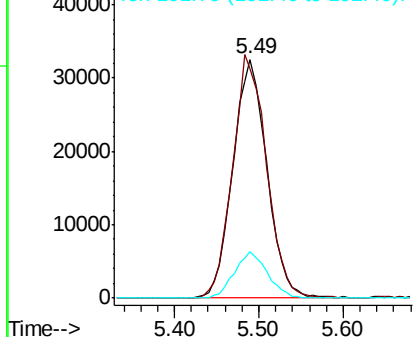


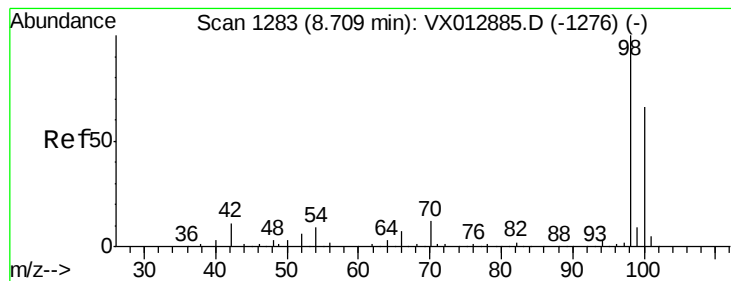
#35
Dibromofluoromethane
Concen: 51.611 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012908.D
Acq: 08 Oct 2019 23:39

Tgt Ion:113 Resp: 88959
Ion Ratio Lower Upper
113 100
111 101.5 83.2 124.8
192 18.9 15.4 23.2



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: 52.871 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012908.D

Acq: 08 Oct 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

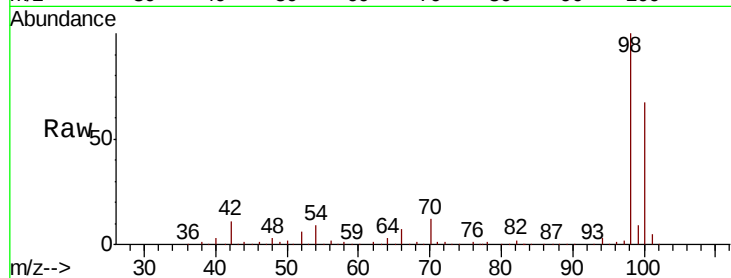
FA19-GMZ1CSS-TB1

Tot Ion: 98 Resp: 355430

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

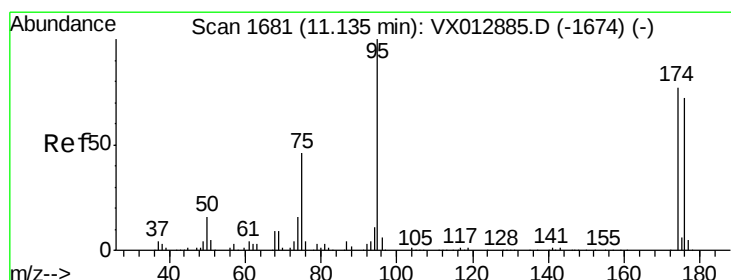
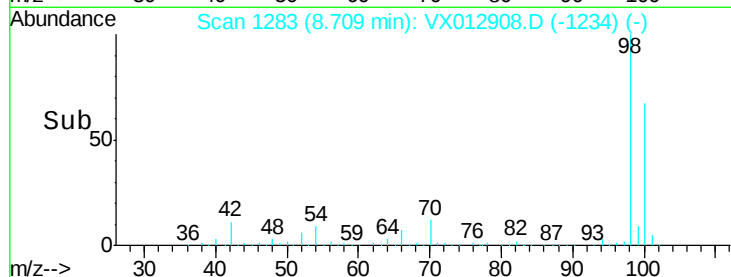
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 45.251 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012908.D

Acq: 08 Oct 2019 23:39

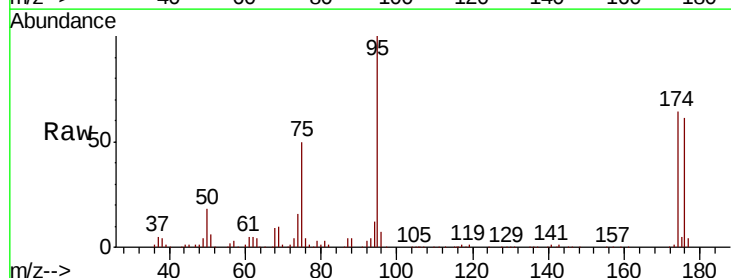
Tgt Ion: 95 Resp: 118201

Ion Ratio Lower Upper

95 100

174 70.7 0.0 143.4

176 68.7 0.0 136.0



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

120000

100000

80000

60000

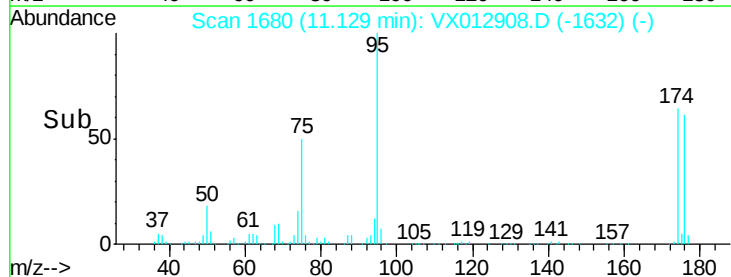
40000

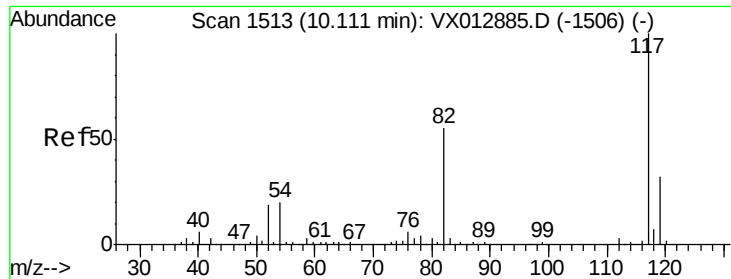
20000

0

Time-->

11.10 11.20

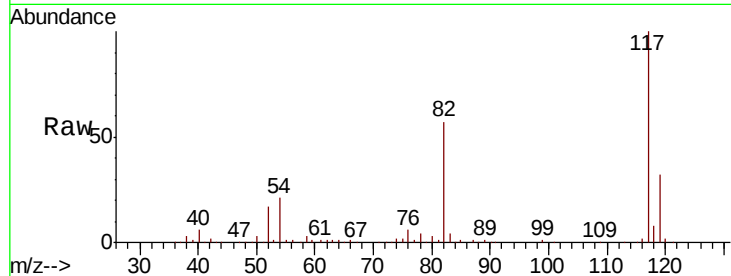




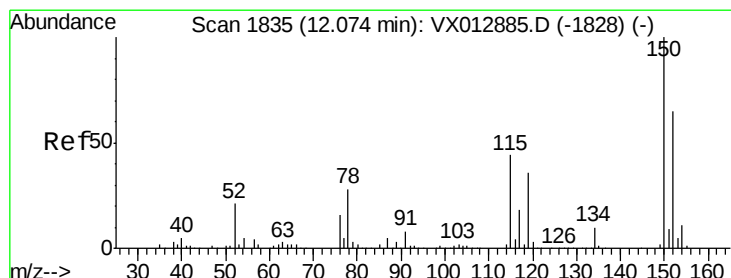
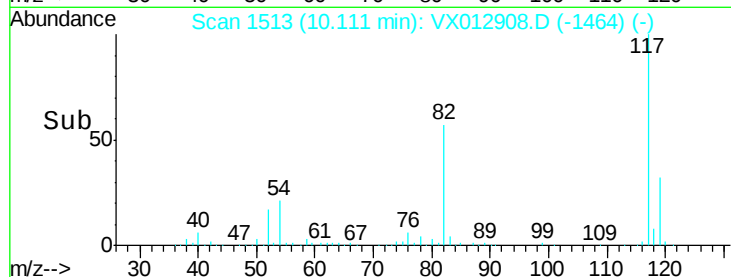
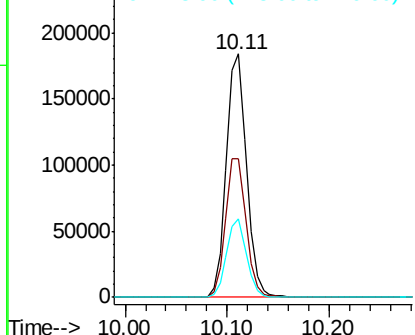
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012908.D
Acq: 08 Oct 2019 23:39

Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1CSS-TB1

Tot Ion:117 Resp: 252548
Ion Ratio Lower Upper
117 100
82 56.9 44.1 66.1
119 32.4 25.8 38.8

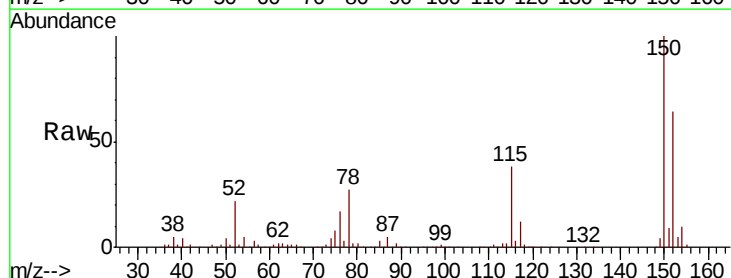


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012908.D
Acq: 08 Oct 2019 23:39

Tgt Ion:152 Resp: 97218
Ion Ratio Lower Upper
152 100
115 62.4 44.5 133.5
150 152.8 0.0 353.4



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

