

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122019\
 Data File : VX014178.D
 Acq On : 20 Dec 2019 16:49
 Operator : JC/SP
 Sample : K6377-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Dec 21 01:06:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

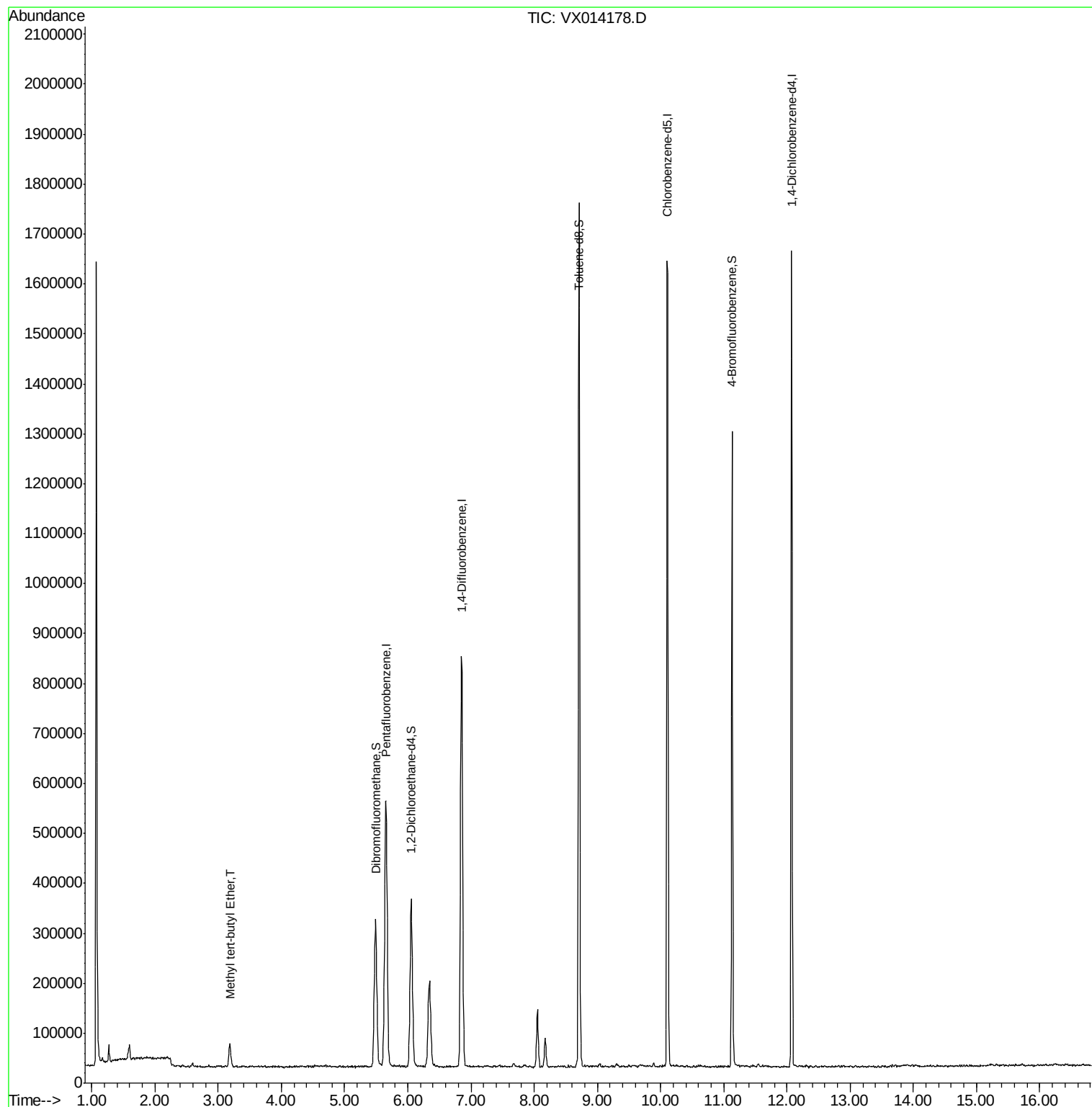
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	563428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	861640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	769664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341566	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	308581	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
35) Dibromofluoromethane	5.49	113	250749	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	8.71	98	1020439	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	341221	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
Target Compounds						
19) Methyl tert-butyl Ether	3.19	73	53180	2.986	ug/l	Qvalue 97

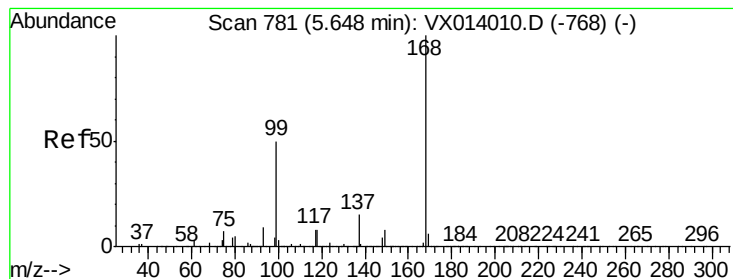
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014178.D

Acq: 20 Dec 2019 16:49

Instrument :

MSVOA_X

ClientSampled :

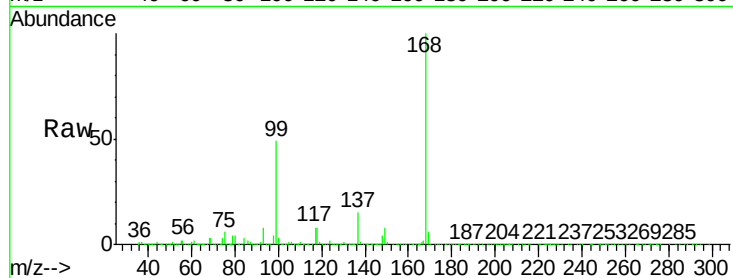
MW-6

Tot Ion:168 Resp: 563428

Ion Ratio Lower Upper

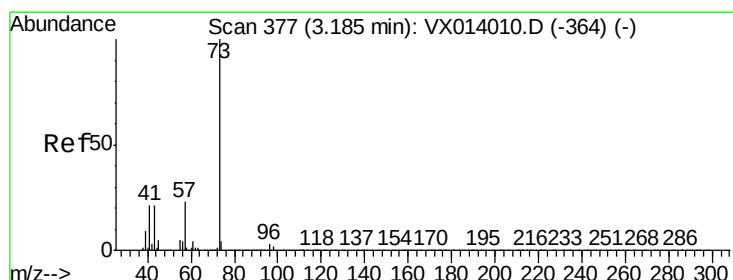
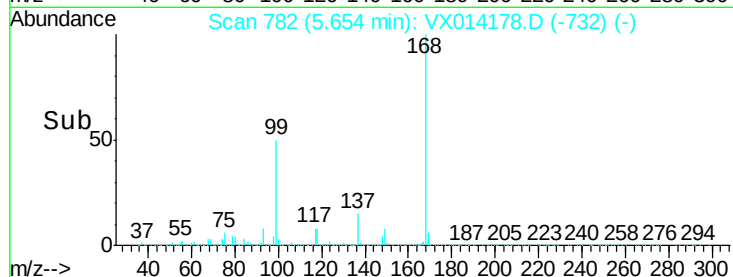
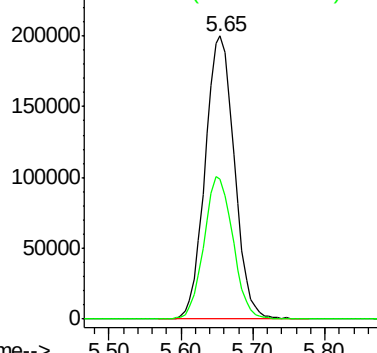
168 100

99 49.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 2.986 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014178.D

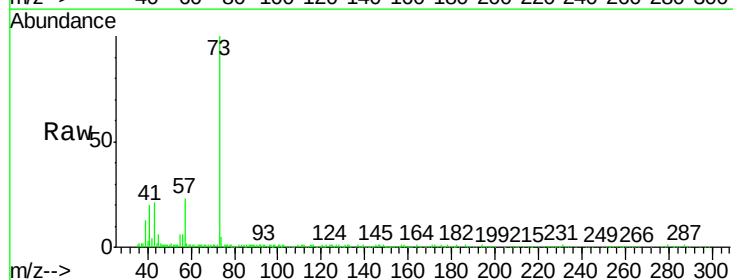
Acq: 20 Dec 2019 16:49

Tgt Ion: 73 Resp: 53180

Ion Ratio Lower Upper

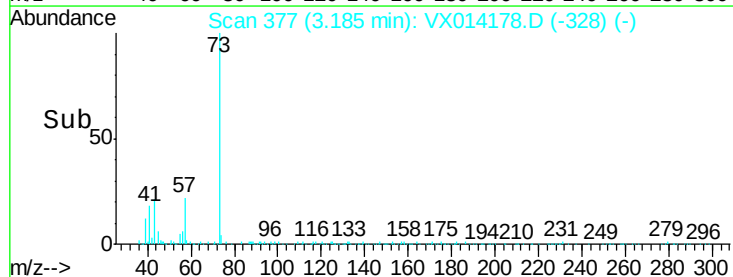
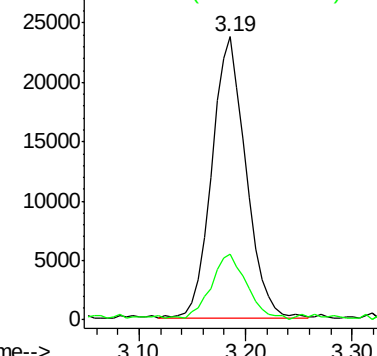
73 100

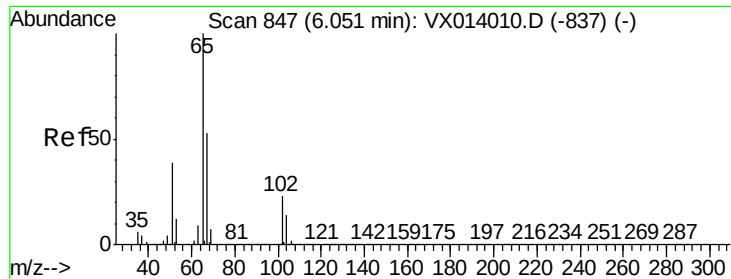
57 22.3 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

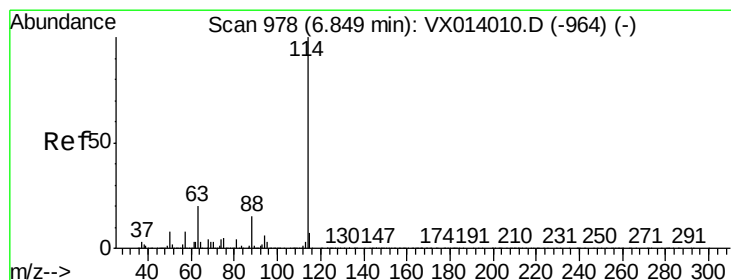
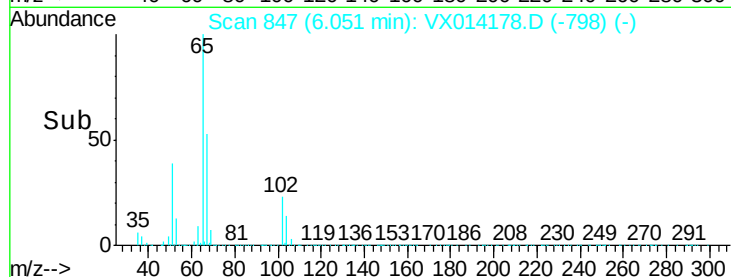
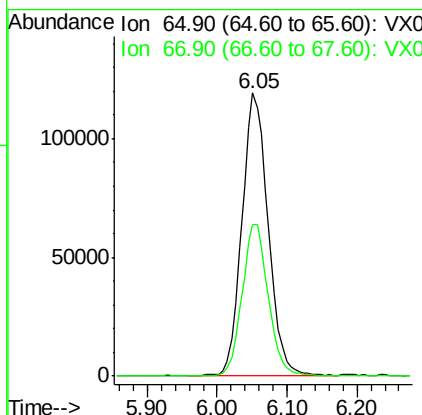
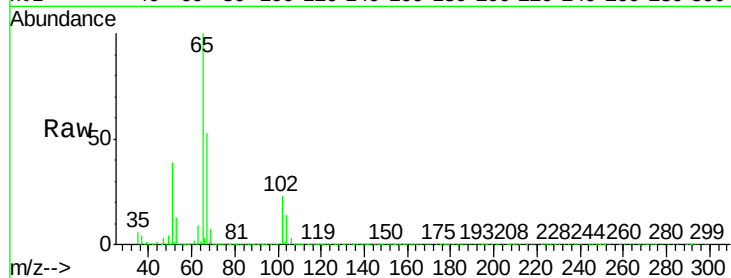




#33
 1,2-Dichloroethane-d4
 Concen: 48.324 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014178.D
 Acq: 20 Dec 2019 16:49

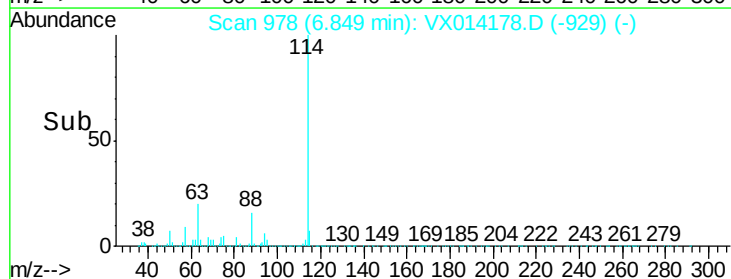
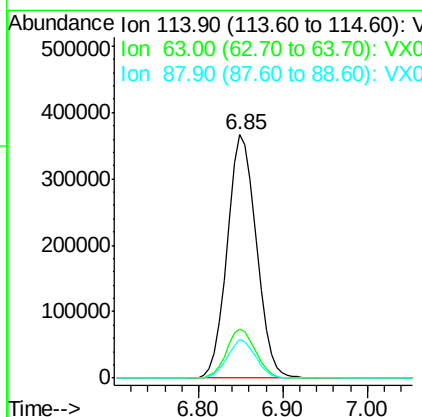
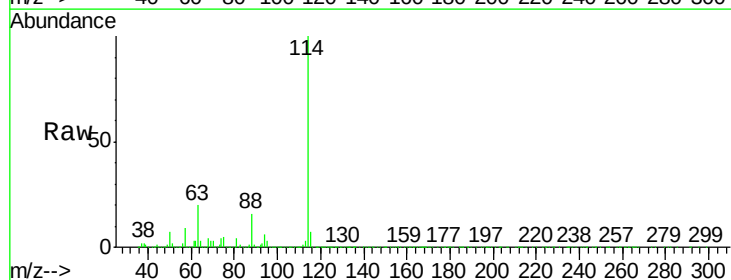
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

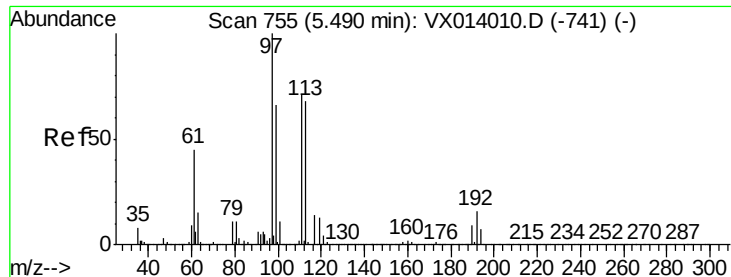
Tot Ion: 65 Resp: 308581
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014178.D
 Acq: 20 Dec 2019 16:49

Tgt Ion: 114 Resp: 861640
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 15.7 0.0 30.4

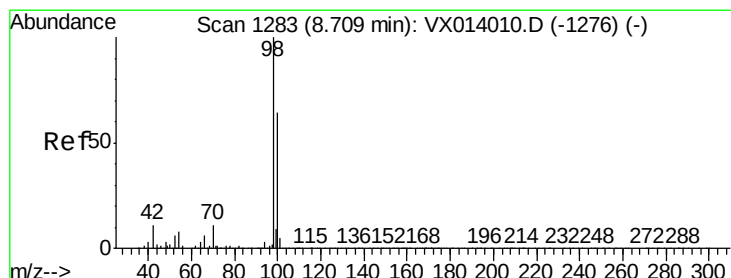
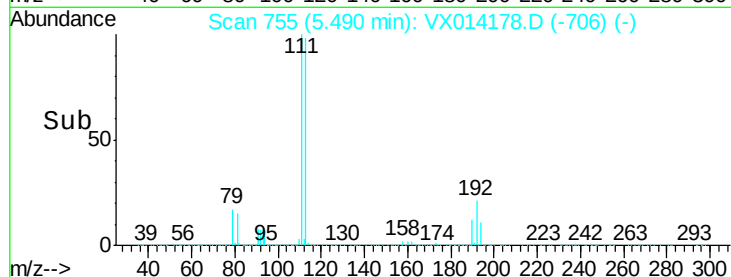
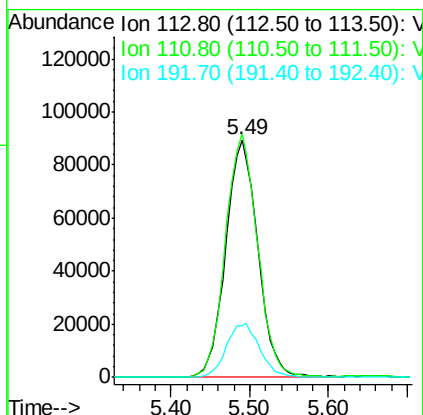
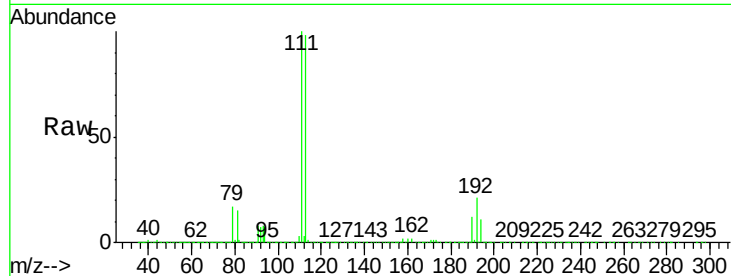




#35
 Dibromofluoromethane
 Concen: 47.873 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014178.D
 Acq: 20 Dec 2019 16:49

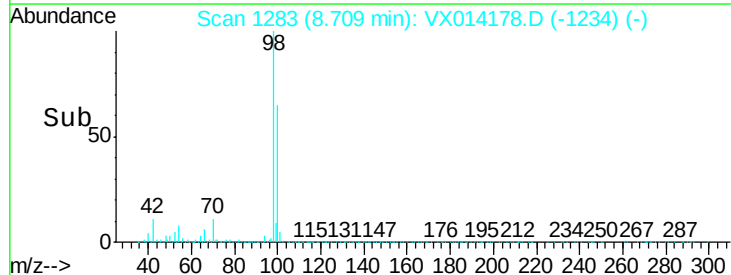
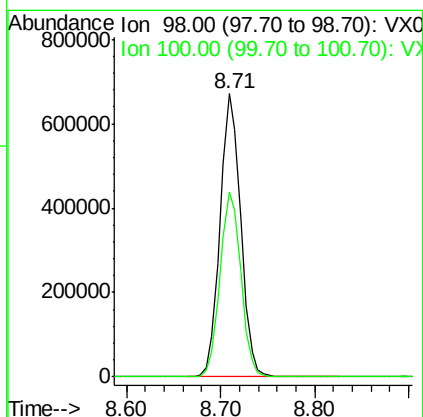
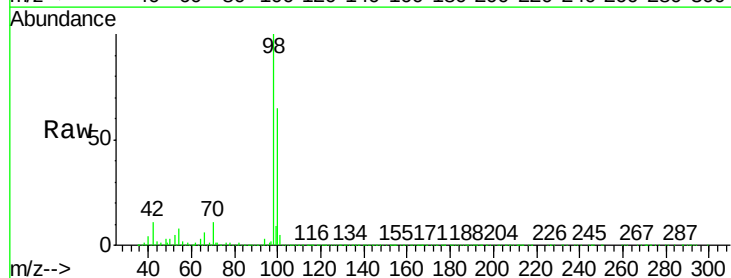
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

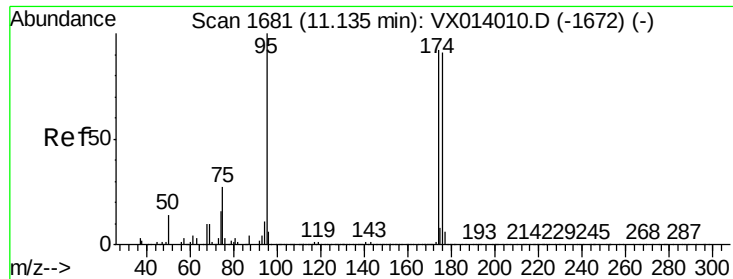
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.4	19.3	28.9



#50
 Toluene-d8
 Concen: 50.041 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014178.D
 Acq: 20 Dec 2019 16:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 45.775 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014178.D

Acq: 20 Dec 2019 16:49

Instrument :

MSVOA_X

ClientSampleId :

MW-6

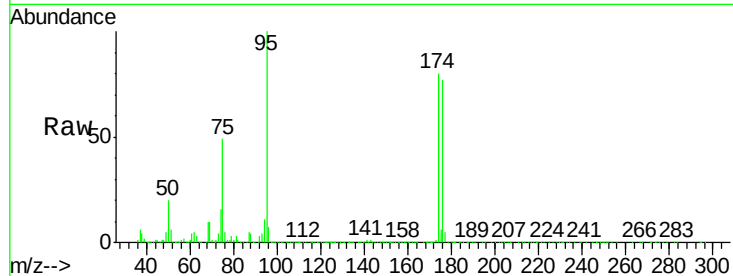
Tot Ion: 95 Resp: 341221

Ion Ratio Lower Upper

95 100

174 89.3 0.0 175.8

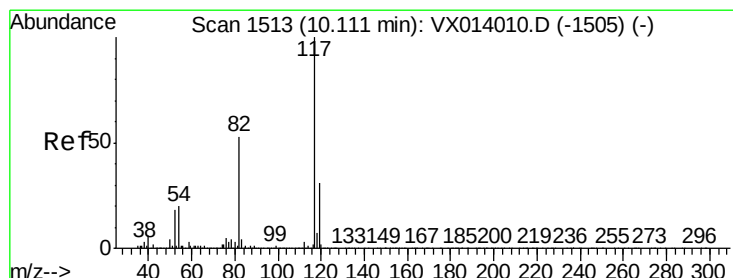
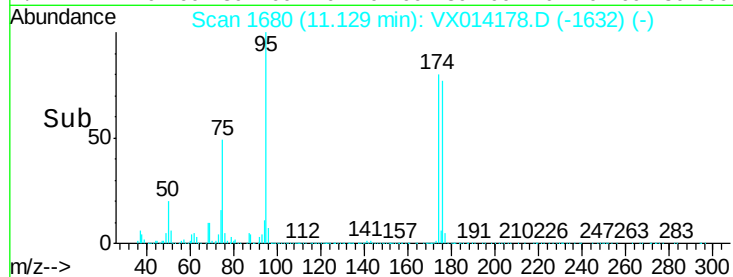
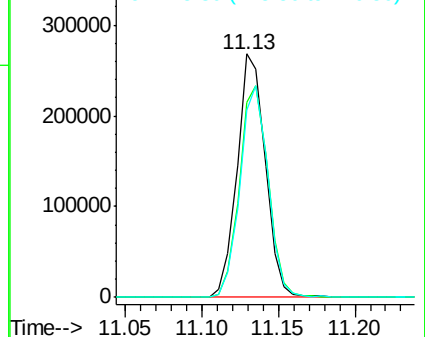
176 87.0 0.0 173.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014178.D

Acq: 20 Dec 2019 16:49

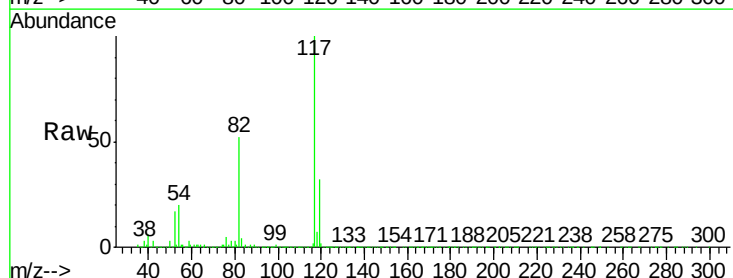
Tgt Ion: 117 Resp: 769664

Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.4

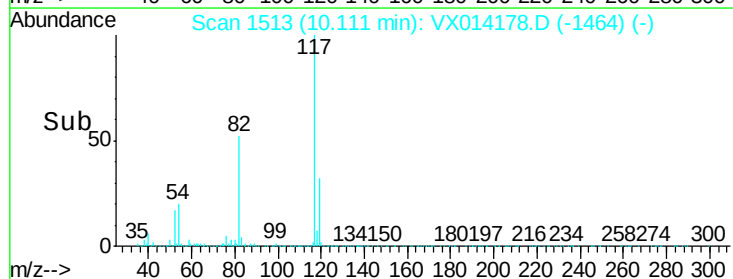
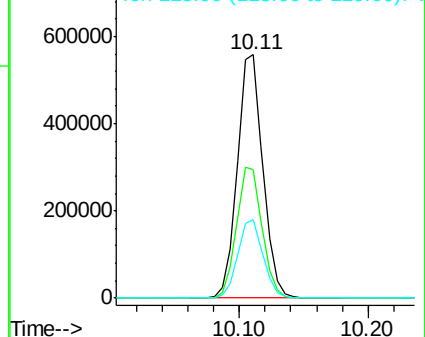
119 32.4 25.1 37.7

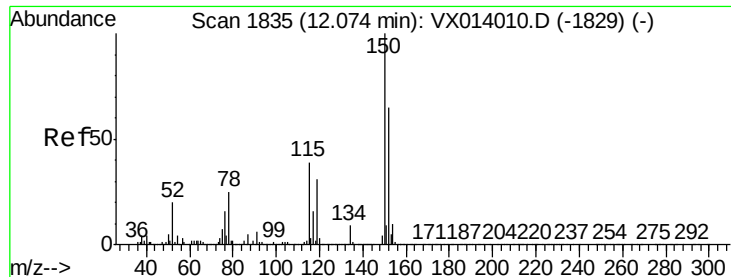


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX014178.D

Acq: 20 Dec 2019 16:49

Instrument :

MSVOA_X

ClientSampleId :

MW-6

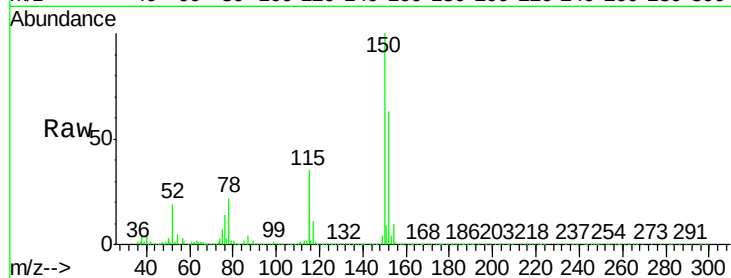
Tot Ion:152 Resp: 341566

Ion Ratio Lower Upper

152 100

115 55.3 38.3 114.9

150 156.6 0.0 345.4



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

