

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014205.D
 Acq On : 23 Dec 2019 16:23
 Operator : JC/SP
 Sample : K6393-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-G

Quant Time: Dec 24 07:45:48 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

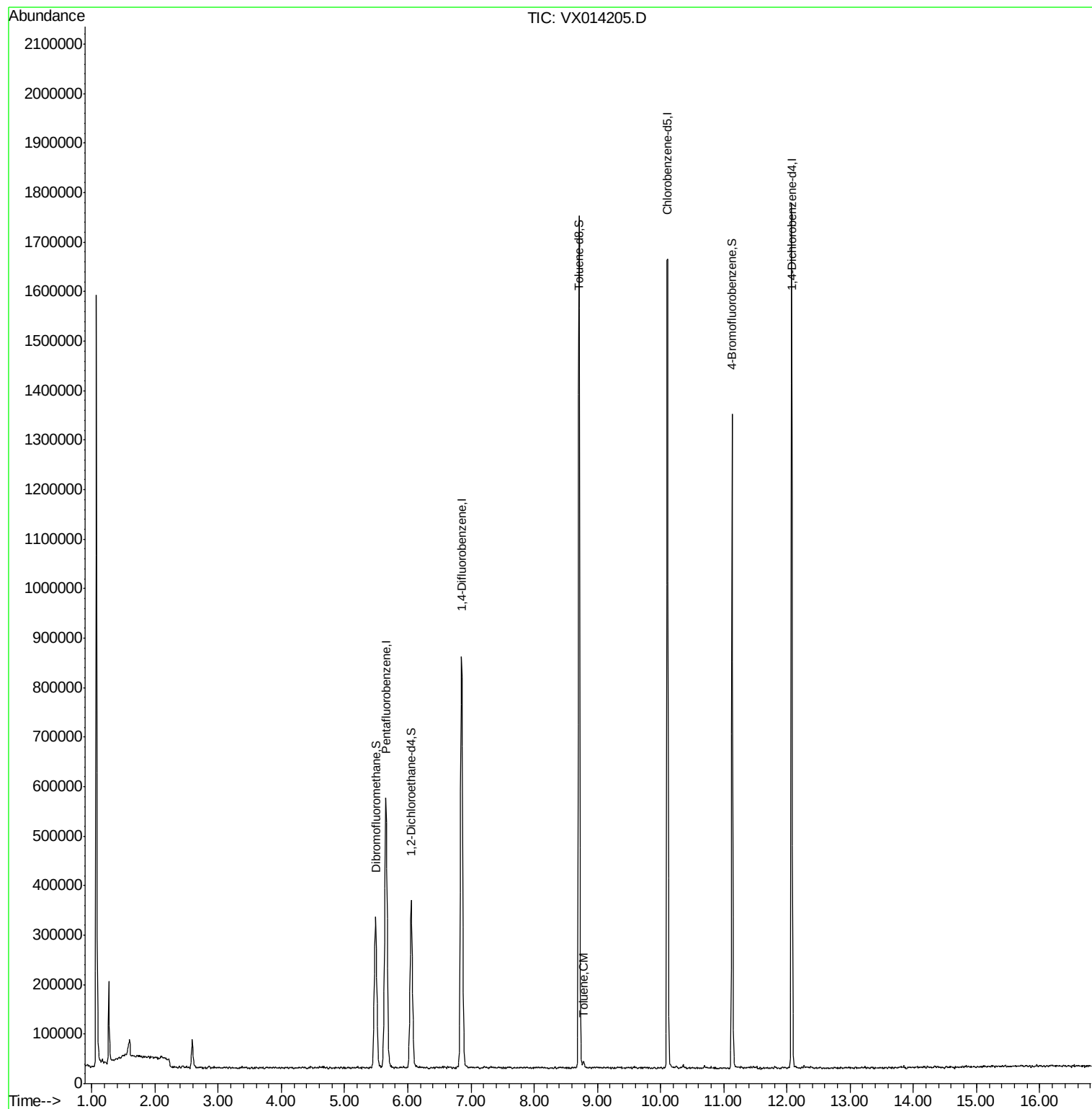
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	569979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	874560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	777836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	355111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	315023	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
35) Dibromofluoromethane	5.49	113	260325	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	1027056	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.14	95	351281	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
Target Compounds						
52) Toluene	8.78	92	5034	0.323	ug/l	Qvalue 97

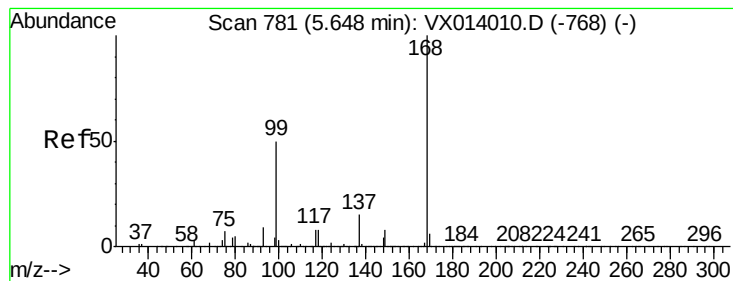
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014205.D

Acq: 23 Dec 2019 16:23

Instrument :

MSVOA_X

ClientSampled :

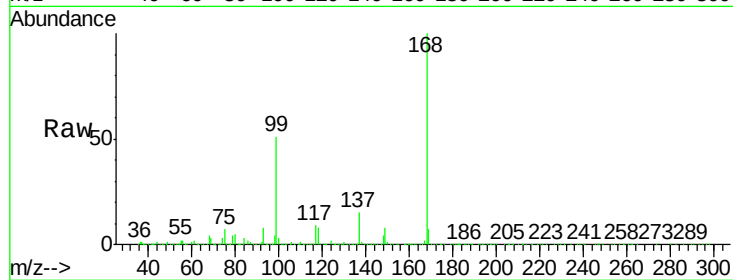
MH-G

Tot Ion:168 Resp: 569979

Ion Ratio Lower Upper

168 100

99 50.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

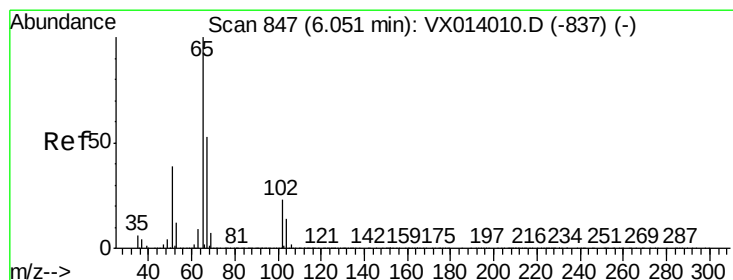
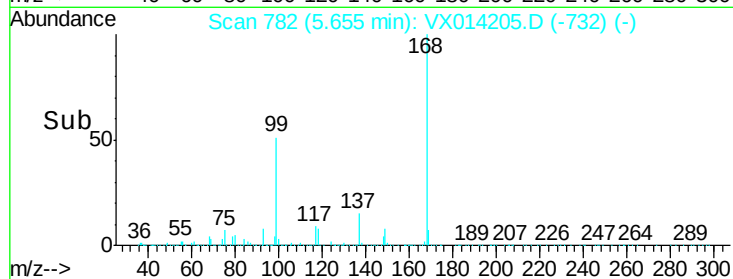
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.766 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014205.D

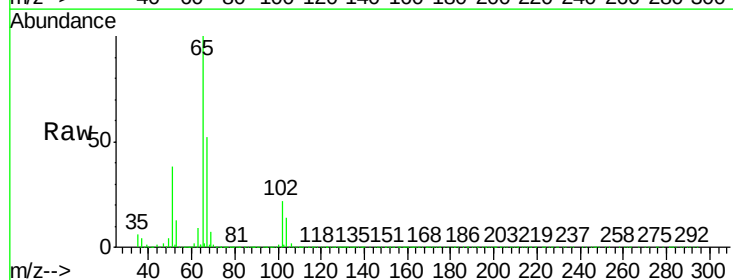
Acq: 23 Dec 2019 16:23

Tgt Ion: 65 Resp: 315023

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

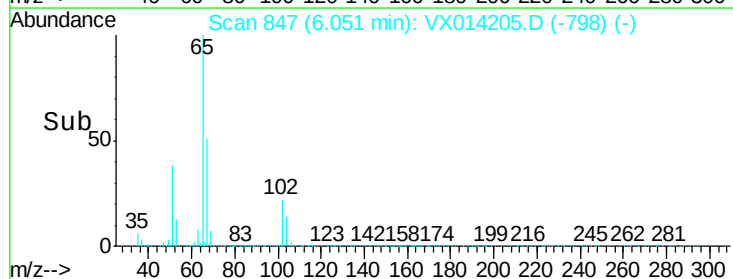
100000

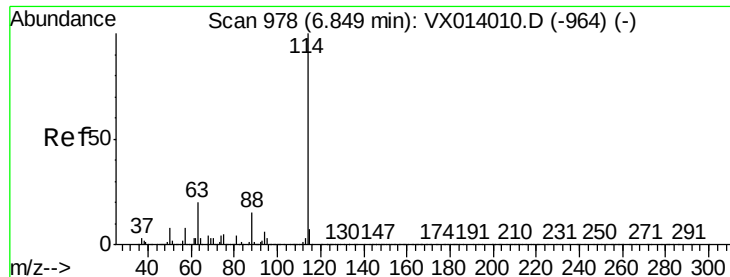
50000

0

Time-->

5.90 6.00 6.10 6.20

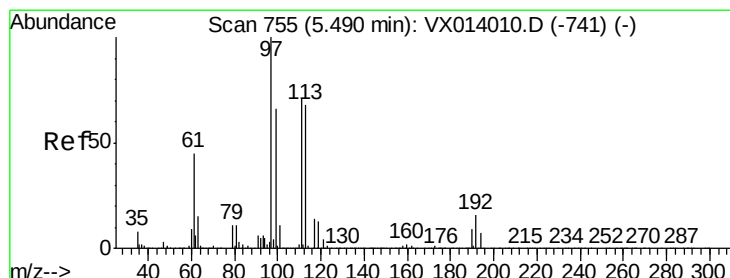
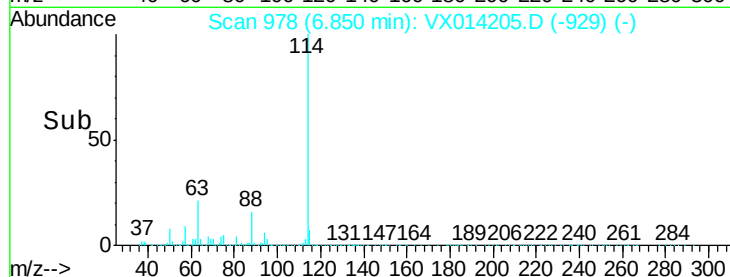
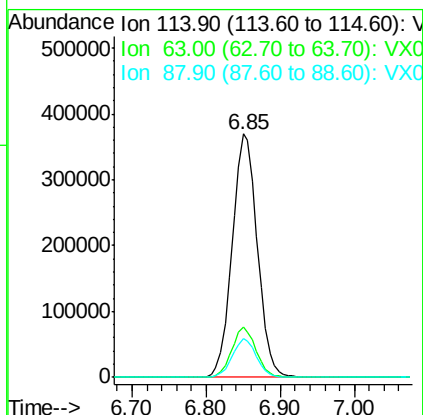
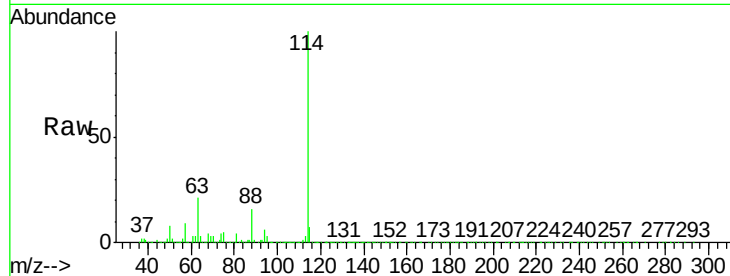




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014205.D
Acq: 23 Dec 2019 16:23

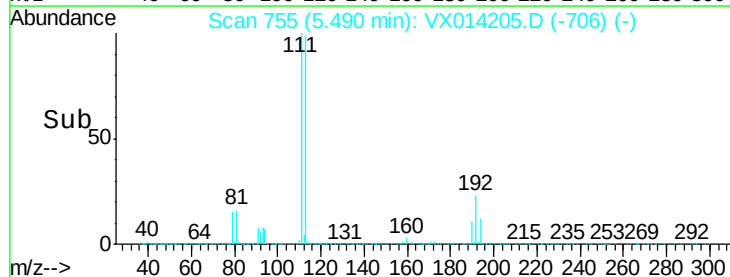
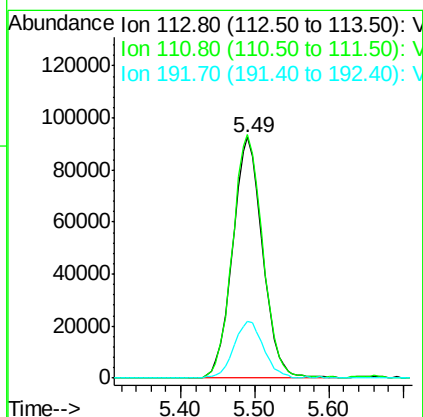
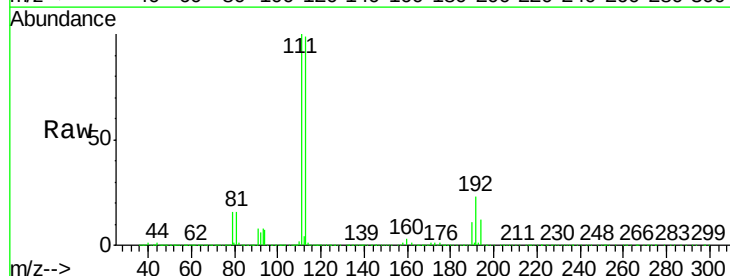
Instrument :
MSVOA_X
ClientSampleId :
MH-G

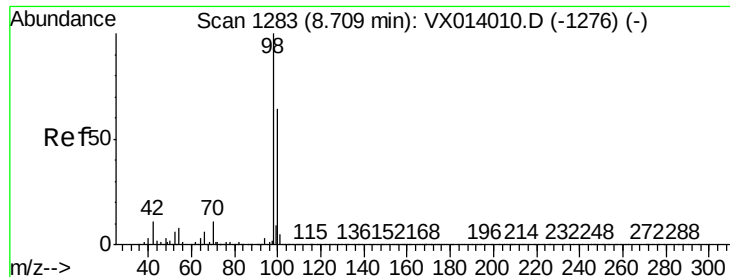
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	15.6	0.0	30.4



#35
Dibromofluoromethane
Concen: 48.967 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014205.D
Acq: 23 Dec 2019 16:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.6	19.3	28.9

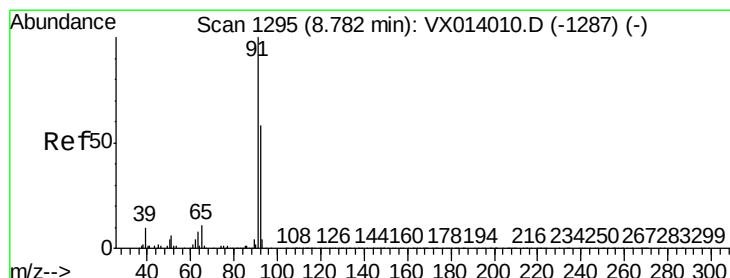
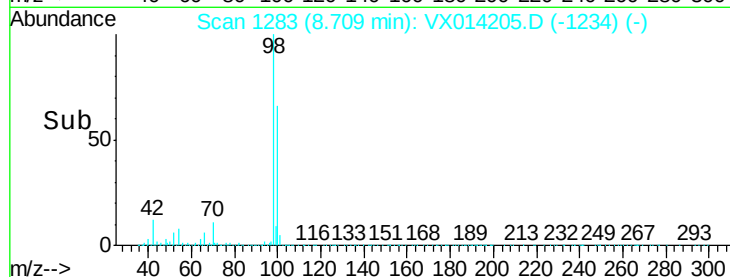
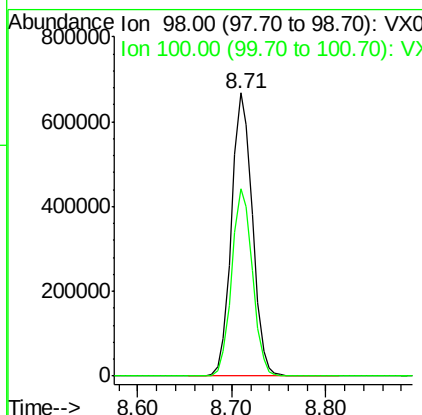
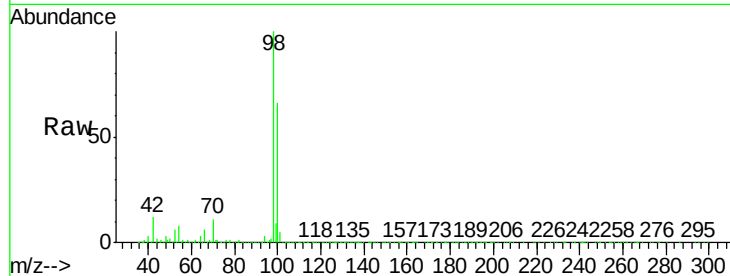




#50
Toluene-d8
Concen: 49.621 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014205.D
Acq: 23 Dec 2019 16:23

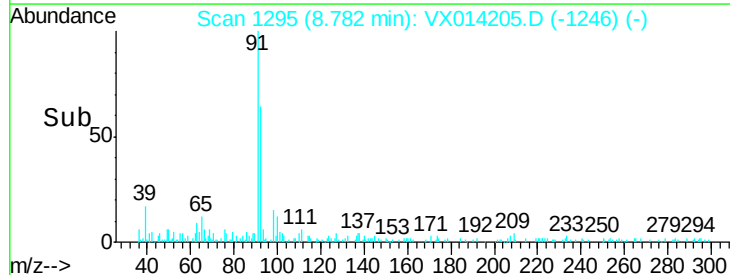
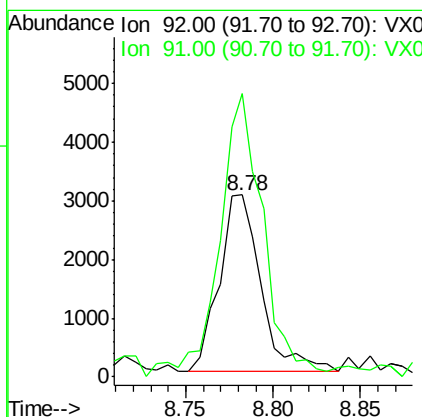
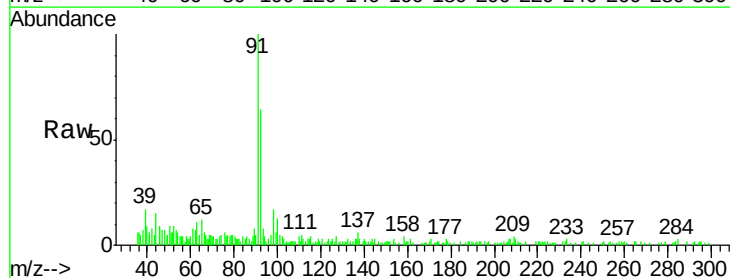
Instrument :
MSVOA_X
ClientSampleId :
MH-G

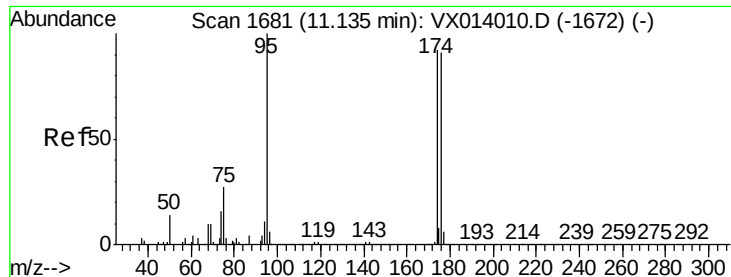
Tot Ion: 98 Resp: 1027056
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#52
Toluene
Concen: 0.323 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014205.D
Acq: 23 Dec 2019 16:23

Tgt Ion: 92 Resp: 5034
Ion Ratio Lower Upper
92 100
91 166.8 136.2 204.4

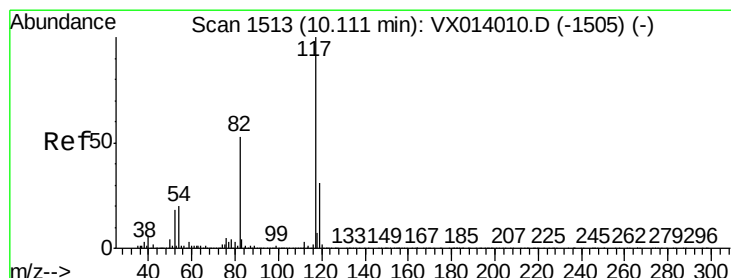
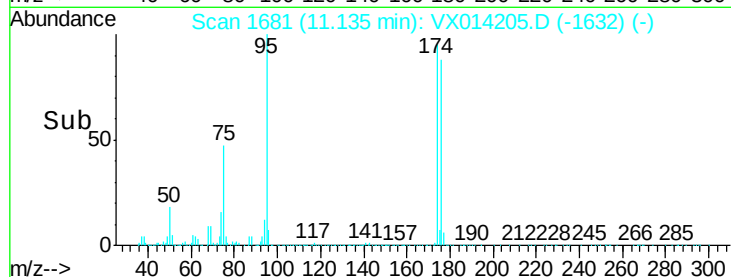
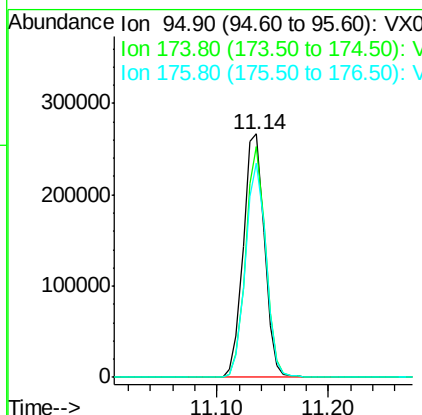
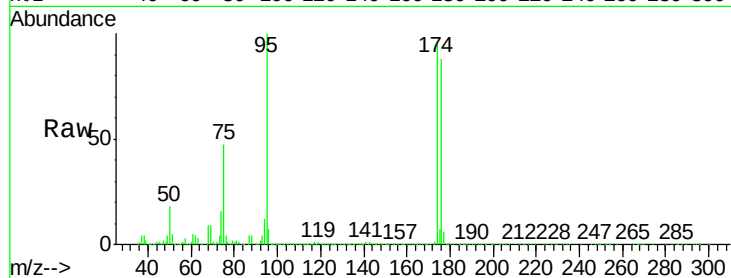




#62
4-Bromofluorobenzene
Concen: 46.429 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014205.D
Acq: 23 Dec 2019 16:23

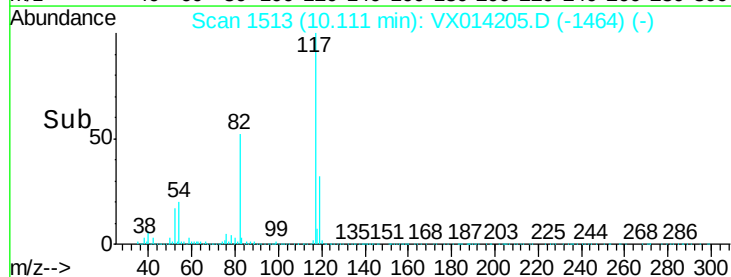
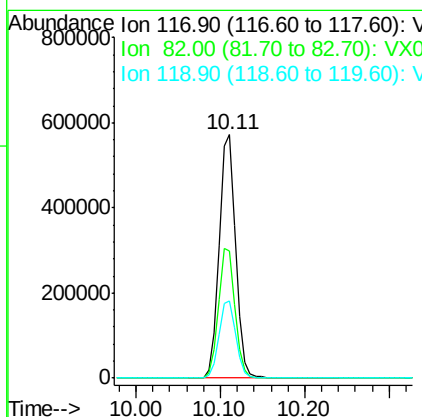
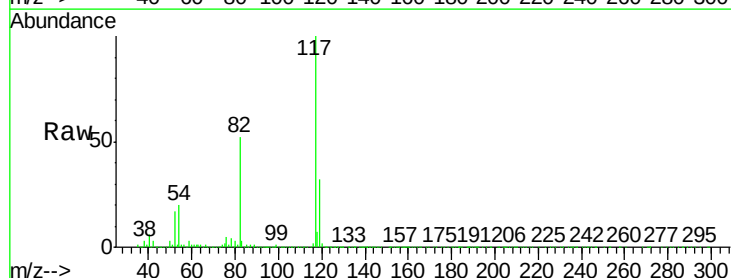
Instrument :
MSVOA_X
ClientSampleId :
MH-G

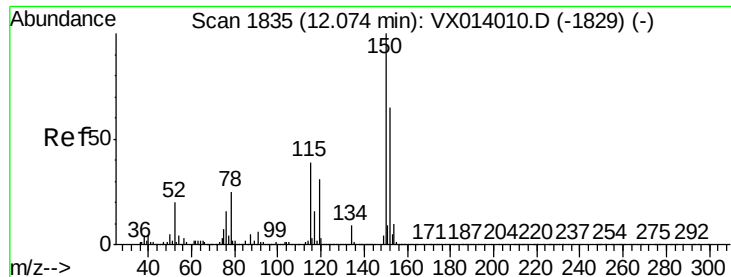
Tot Ion	95	Resp	351281
Ion Ratio	Lower	Upper	
95	100		
174	90.0	0.0	175.8
176	85.8	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014205.D
Acq: 23 Dec 2019 16:23

Tgt Ion	117	Resp	777836
Ion Ratio	Lower	Upper	
117	100		
82	52.4	42.2	63.4
119	31.9	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014205.D

Acq: 23 Dec 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

MH-G

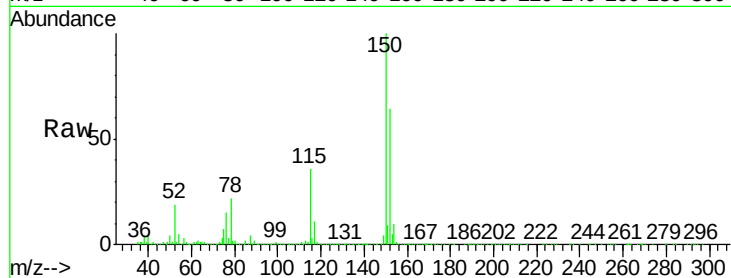
Tot Ion:152 Resp: 355111

Ion Ratio Lower Upper

152 100

115 56.0 38.3 114.9

150 156.4 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

