

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122019\
 Data File : VX014179.D
 Acq On : 20 Dec 2019 17:13
 Operator : JC/SP
 Sample : K6377-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Dec 21 01:09:02 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

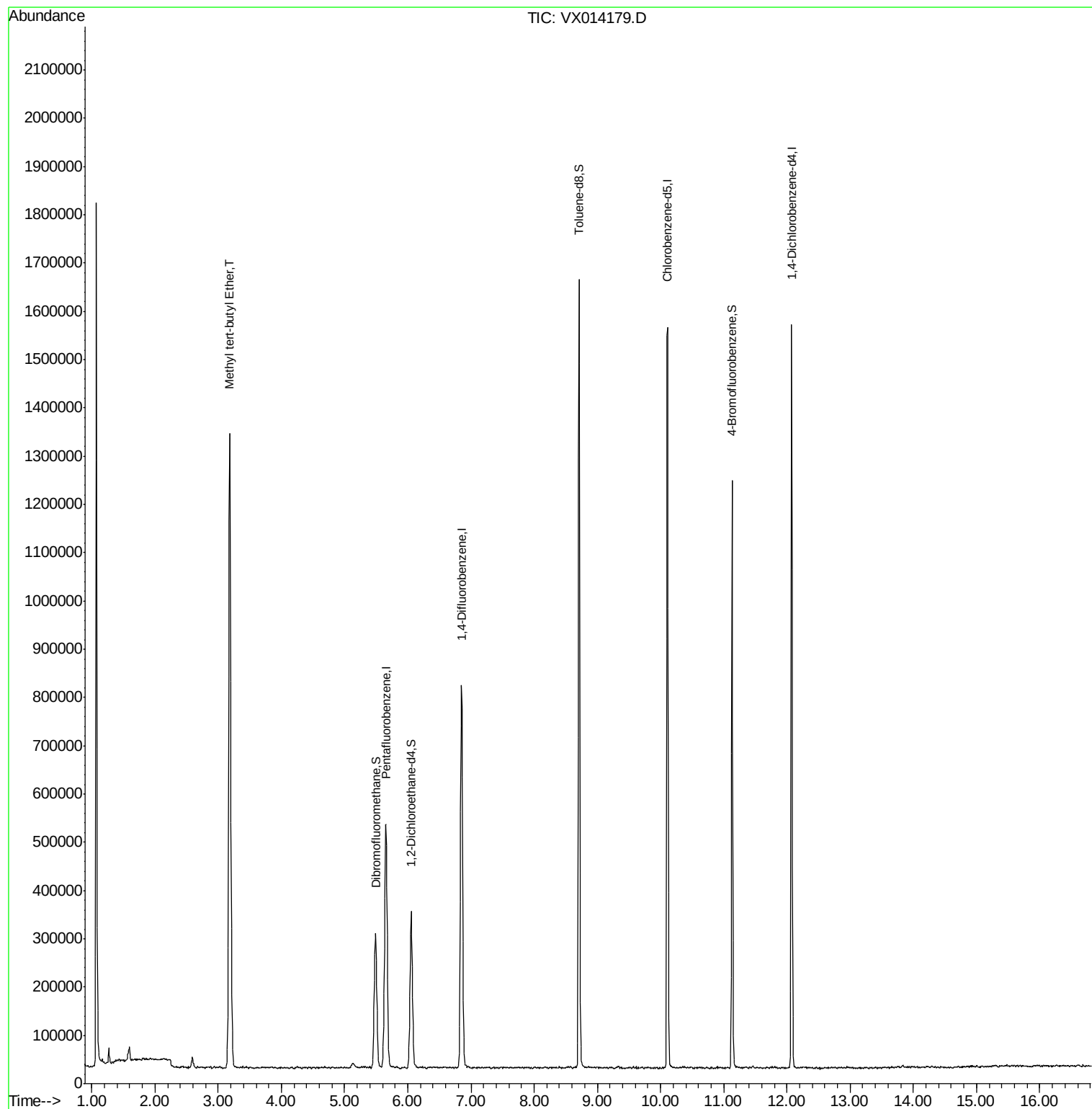
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	534980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	820242	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	729256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	298468	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	5.49	113	243278	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	8.71	98	970824	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	326956	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
Target Compounds						
19) Methyl tert-butyl Ether	3.19	73	1484433	87.782	ug/l	Qvalue 99

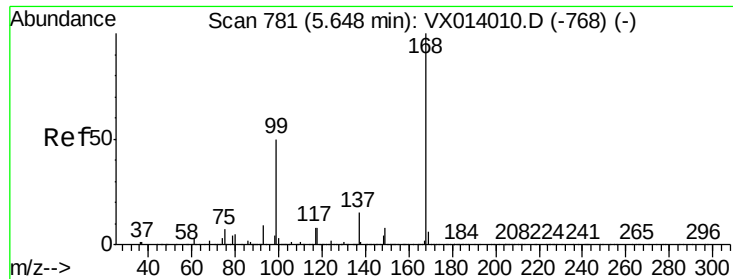
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014179.D

Acq: 20 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampled :

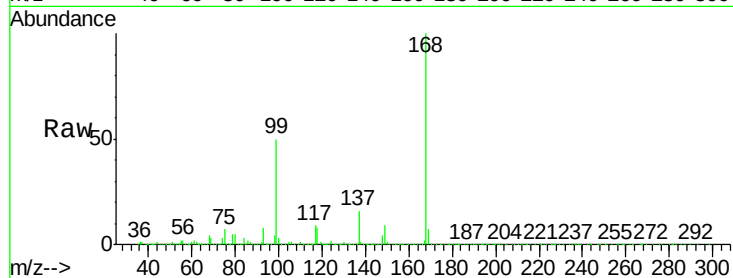
MW-4

Tot Ion:168 Resp: 534980

Ion Ratio Lower Upper

168 100

99 50.0 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

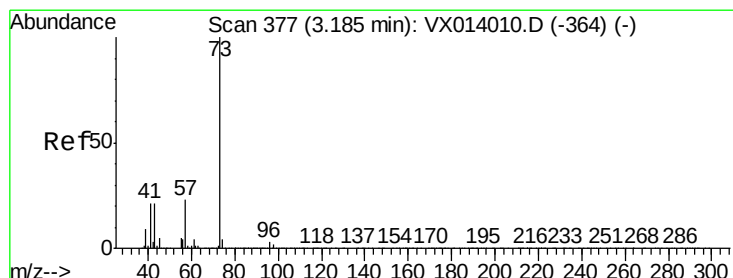
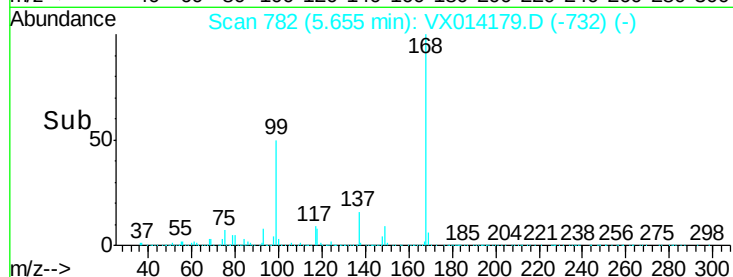
150000

100000

50000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 87.782 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014179.D

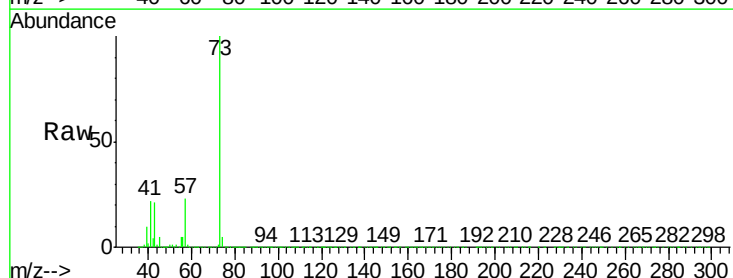
Acq: 20 Dec 2019 17:13

Tgt Ion: 73 Resp: 1484433

Ion Ratio Lower Upper

73 100

57 22.9 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

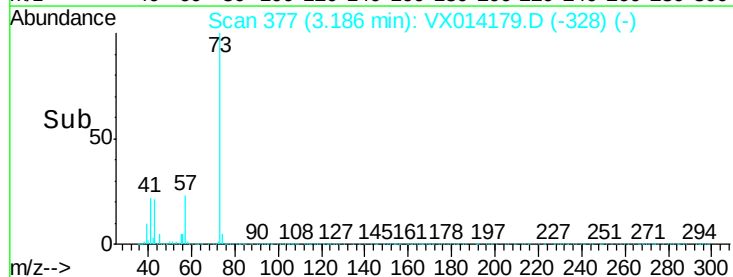
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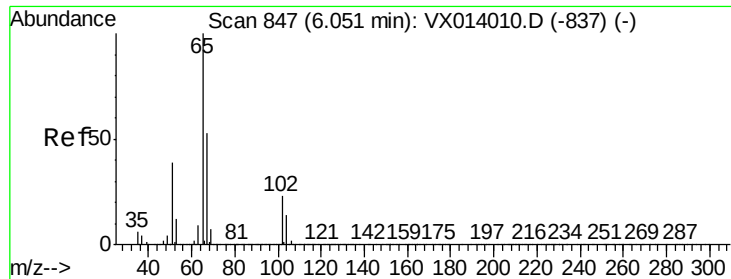
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200000

0

Time-->

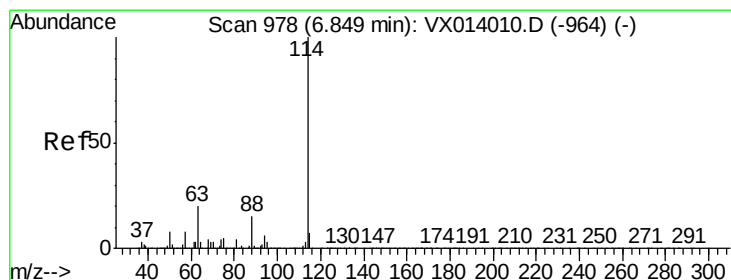
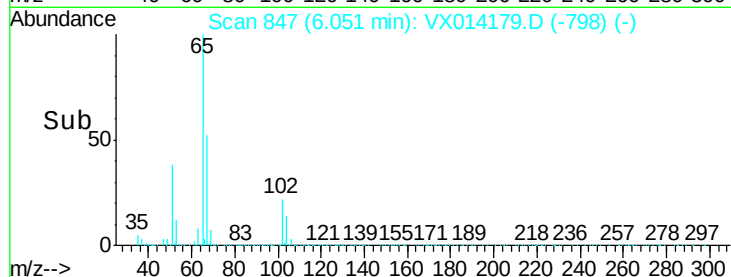
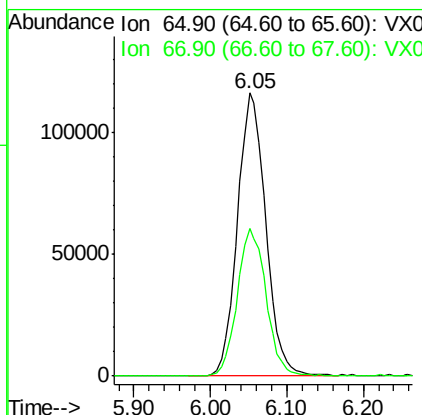
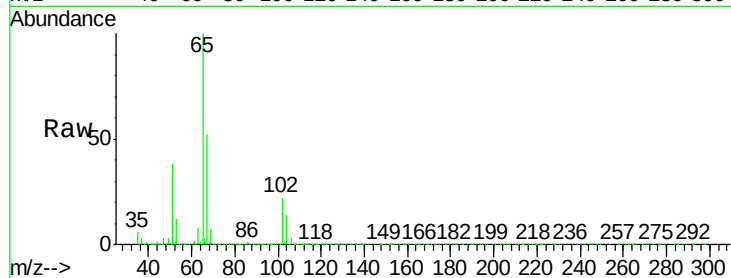




#33
 1,2-Dichloroethane-d4
 Concen: 49.226 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014179.D
 Acq: 20 Dec 2019 17:13

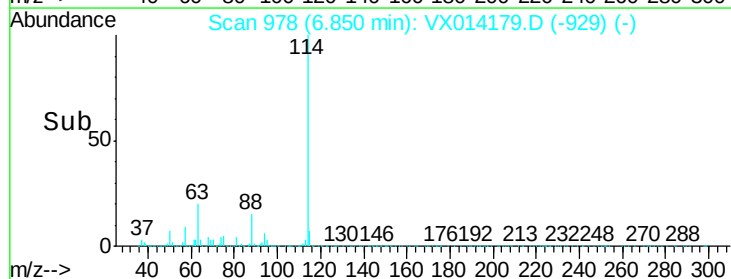
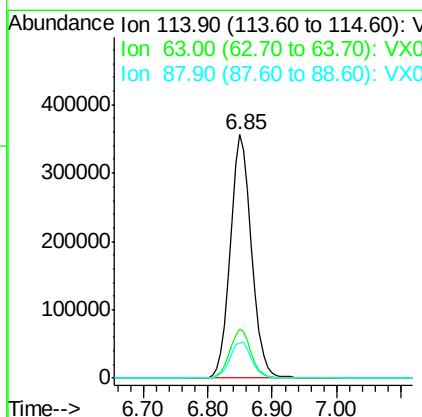
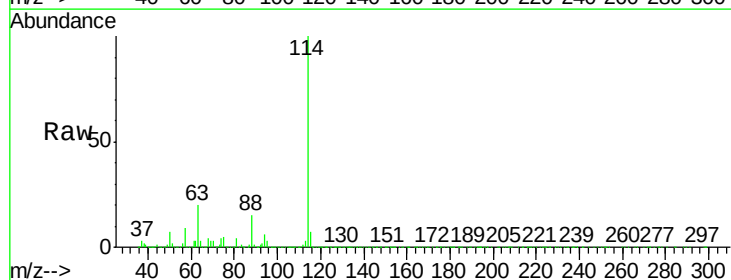
Instrument :
 MSVOA_X
 ClientSampled :
 MW-4

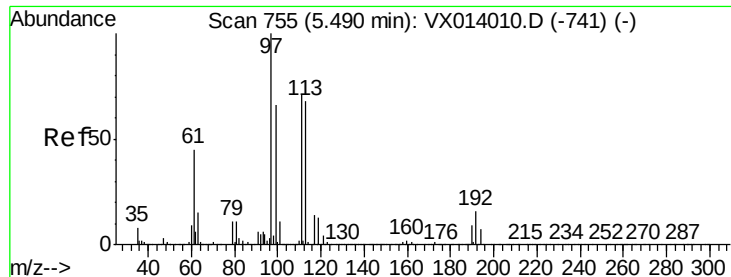
Tot Ion: 65 Resp: 298468
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014179.D
 Acq: 20 Dec 2019 17:13

Tgt Ion: 114 Resp: 820242
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 14.5 0.0 30.4

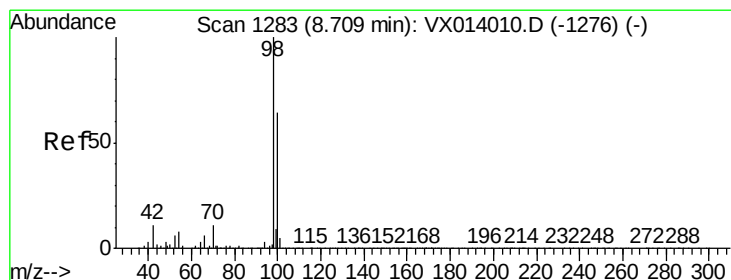
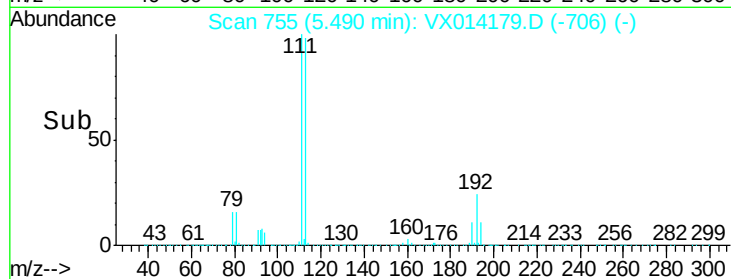
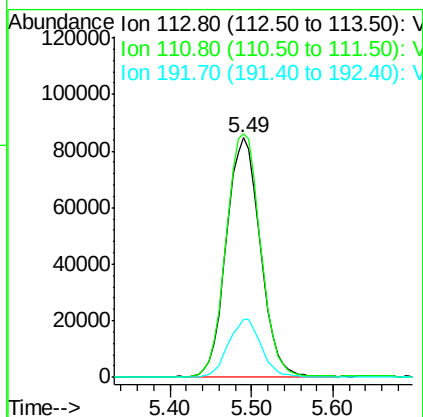
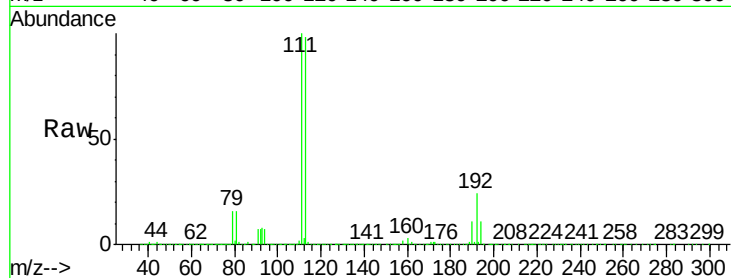




#35
Dibromofluoromethane
Concen: 48.791 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

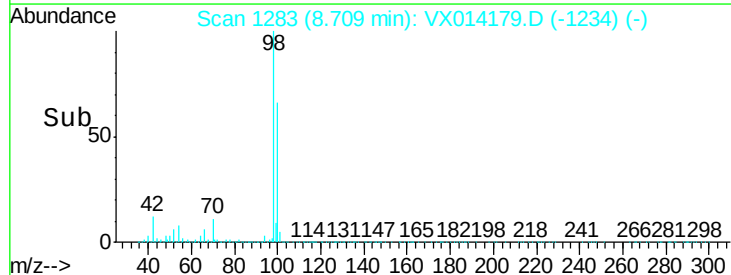
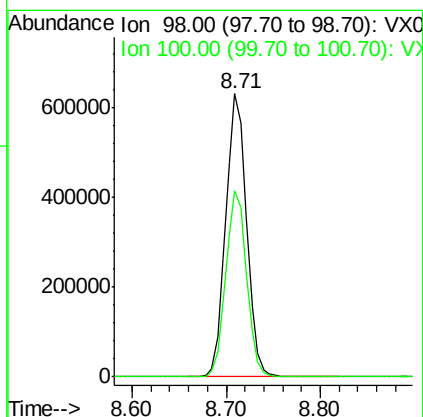
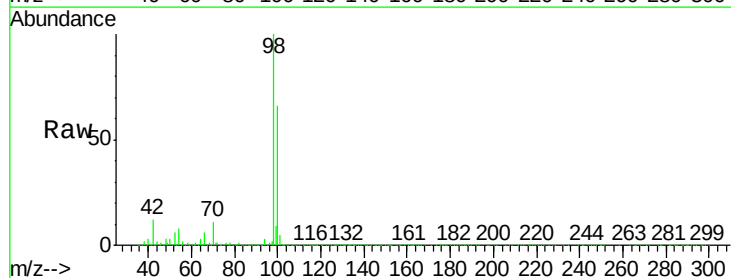
Instrument :
MSVOA_X
ClientSampleId :
MW-4

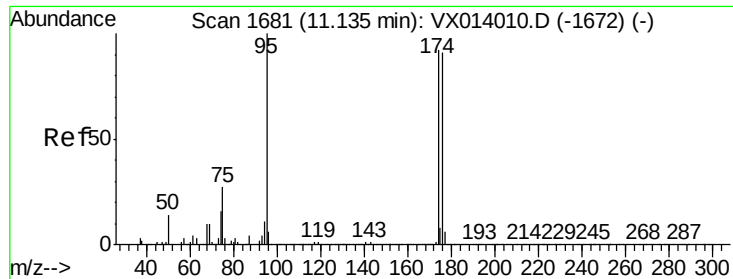
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.7	19.3	28.9



#50
Toluene-d8
Concen: 50.011 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.9	79.3

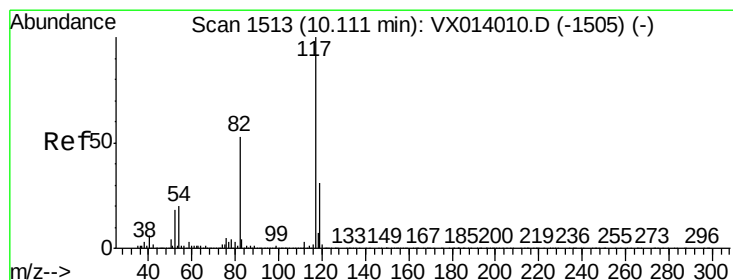
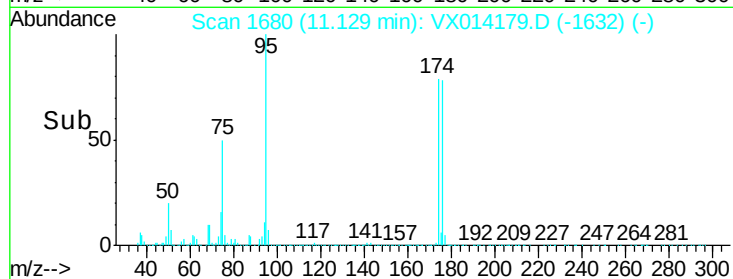
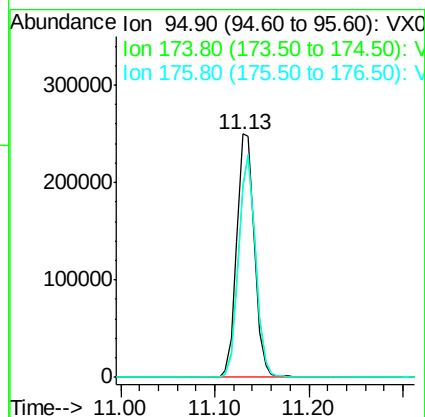
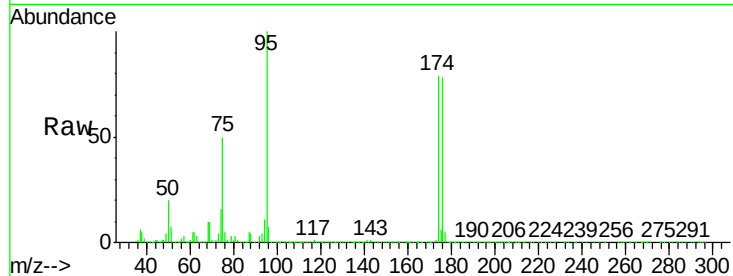




#62
4-Bromofluorobenzene
Concen: 46.076 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

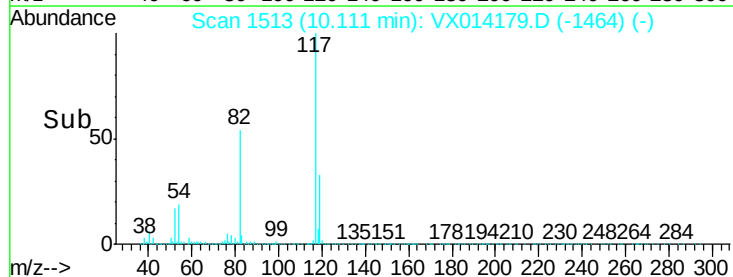
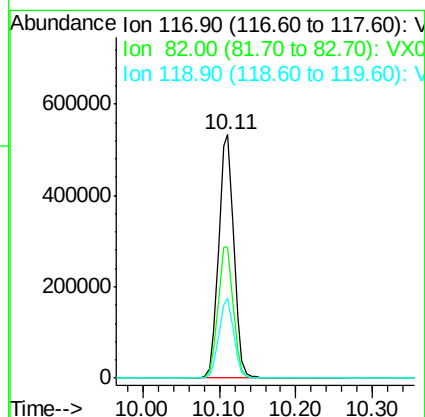
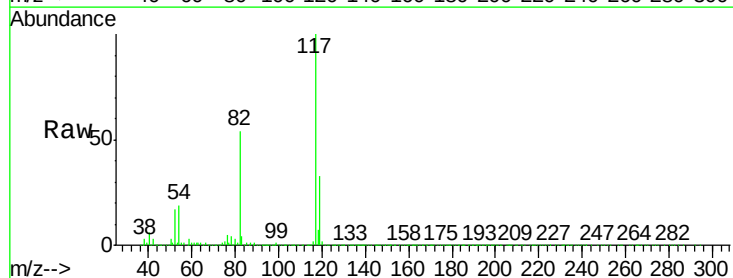
Instrument :
MSVOA_X
ClientSampleId :
MW-4

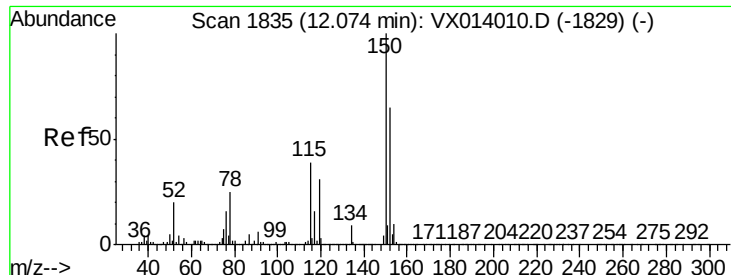
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	175.8
176	86.8	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.4
119	32.8	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: VX014179.D
 Acq: 20 Dec 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.3	114.9
150	156.3	0.0	345.4

