

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013977.D
 Acq On : 12 Dec 2019 15:59
 Operator : JC/SP
 Sample : K6249-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ192I-20191208

Quant Time: Dec 13 03:46:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

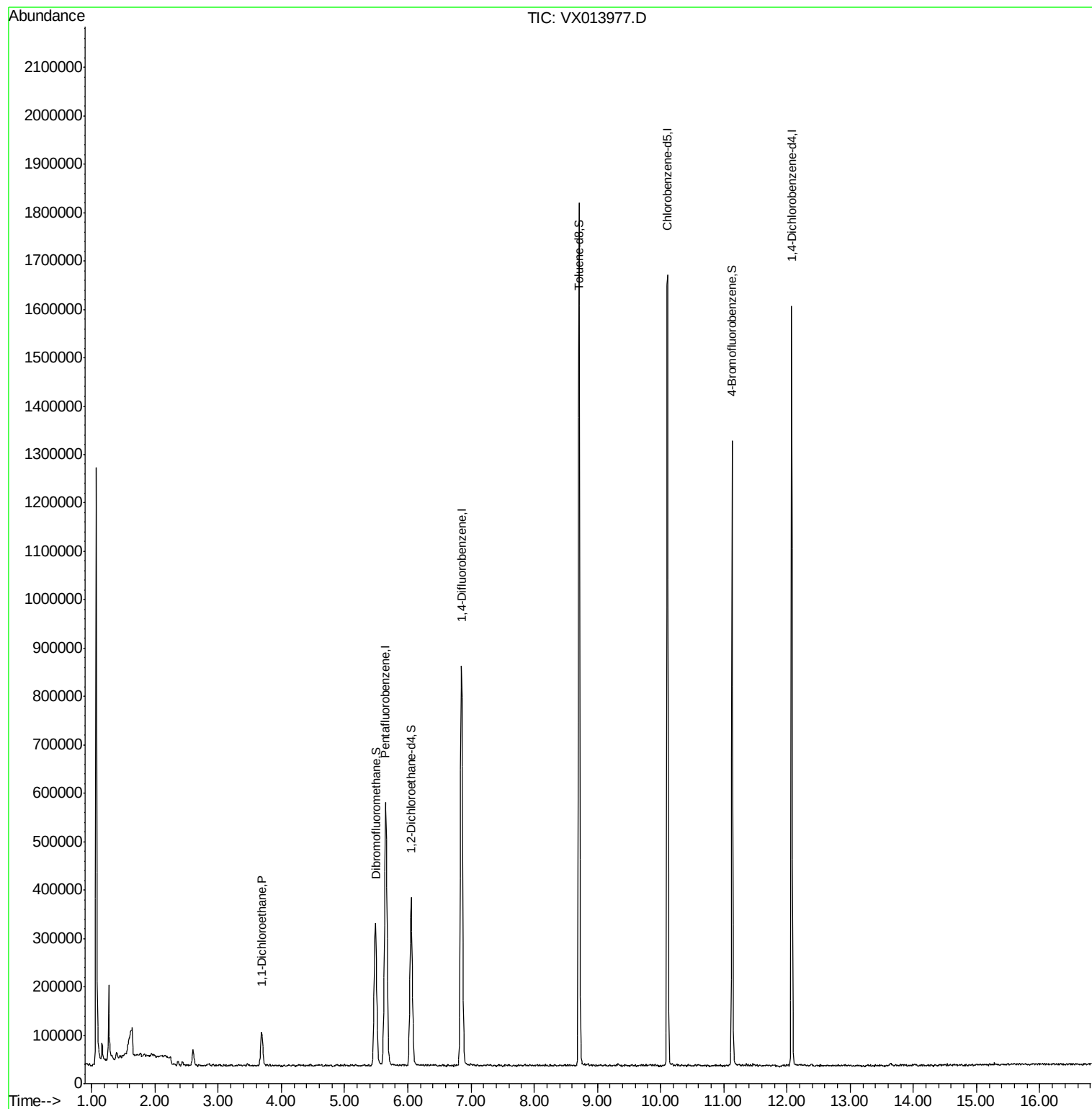
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	567304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	871378	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	775594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	322526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	324019	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
35) Dibromofluoromethane	5.48	113	258502	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	1031598	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.14	95	336347	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.88%	
Target Compounds						
24) 1,1-Dichloroethane	3.69	63	84430	8.187	ug/l	Qvalue 98

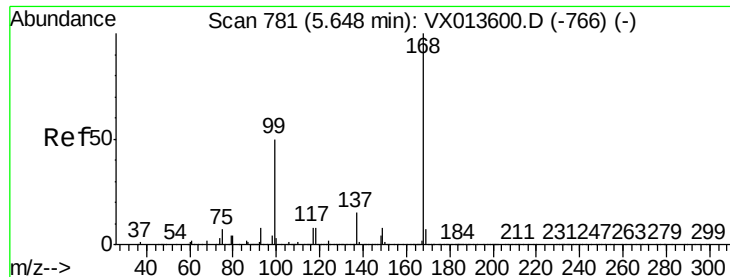
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013977.D

Acq: 12 Dec 2019 15:59

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MSVOA_X

ClientSampleId :

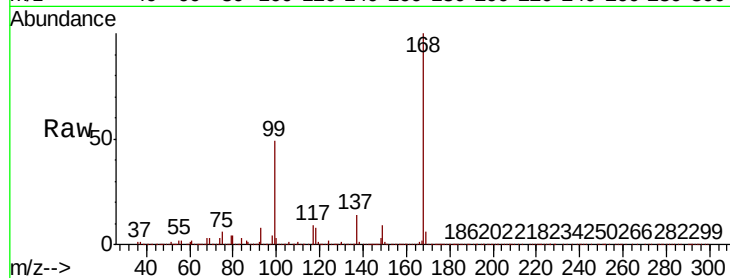
SA-PZ192I-20191208

Tot Ion:168 Resp: 567304

Ion Ratio Lower Upper

168 100

99 49.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

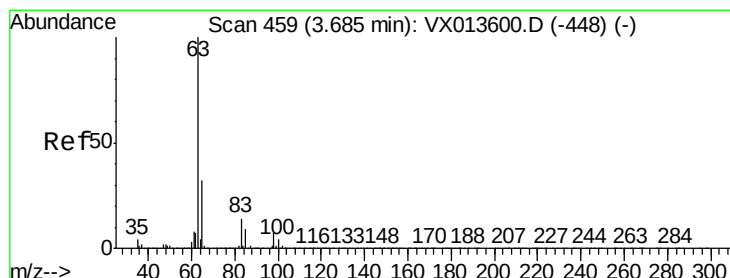
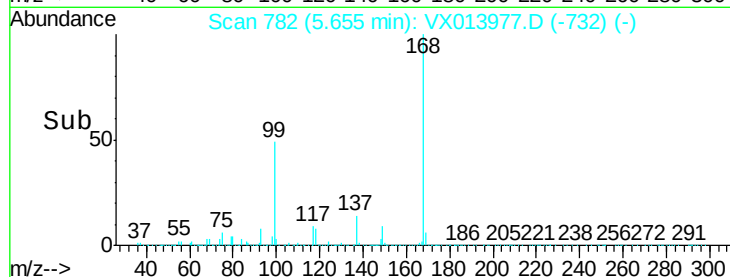
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#24

1,1-Dichloroethane

Concen: 8.187 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013977.D

Acq: 12 Dec 2019 15:59

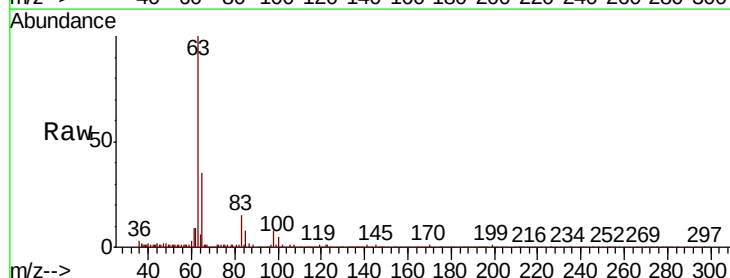
Tgt Ion: 63 Resp: 84430

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.8 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

40000

30000

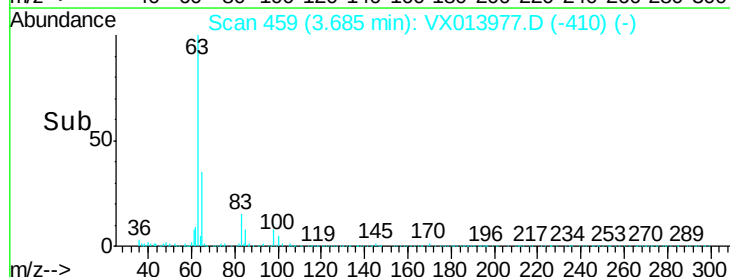
20000

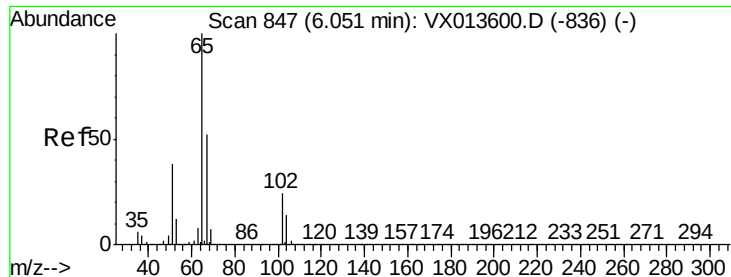
10000

0

Time-->

3.60 3.70 3.80

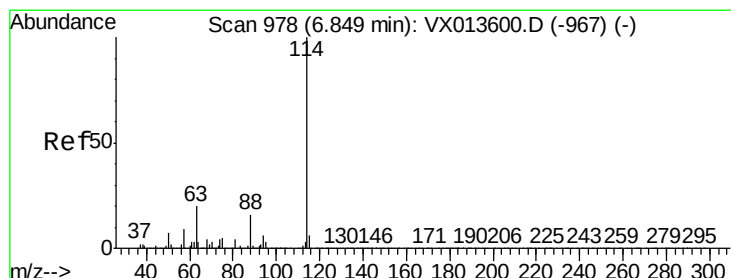
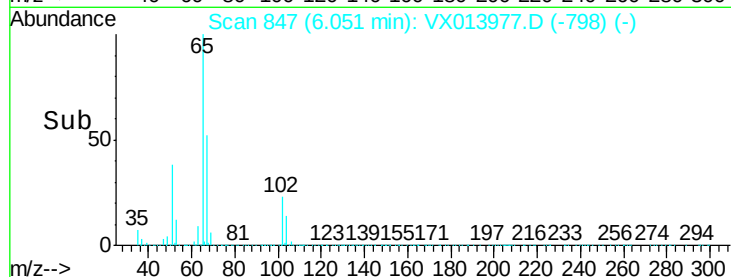
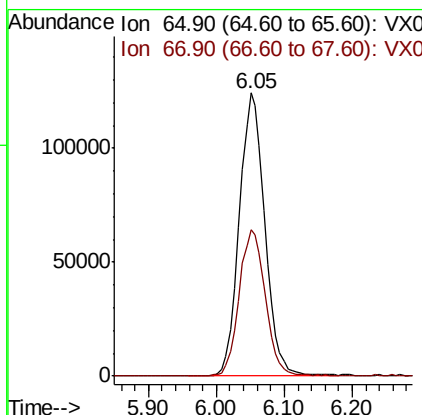
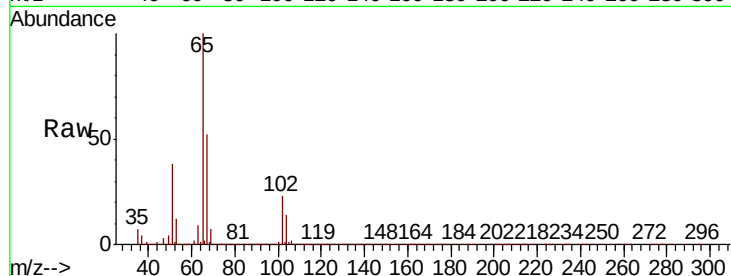




#33
 1,2-Dichloroethane-d4
 Concen: 49.205 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013977.D
 Acq: 12 Dec 2019 15:59

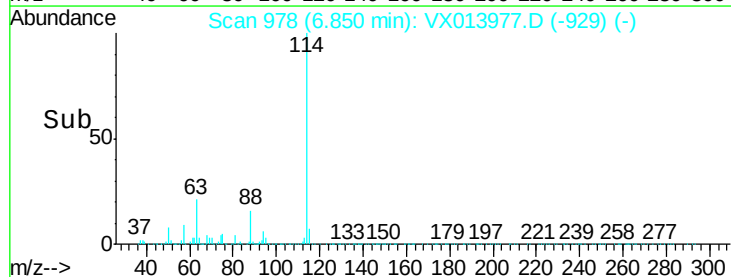
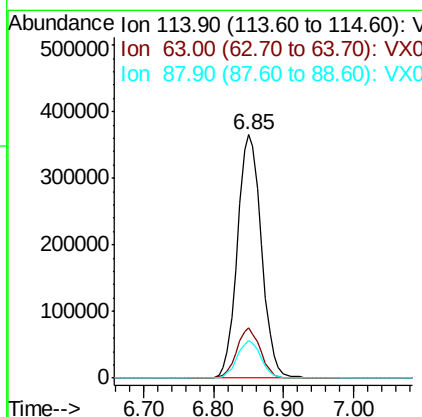
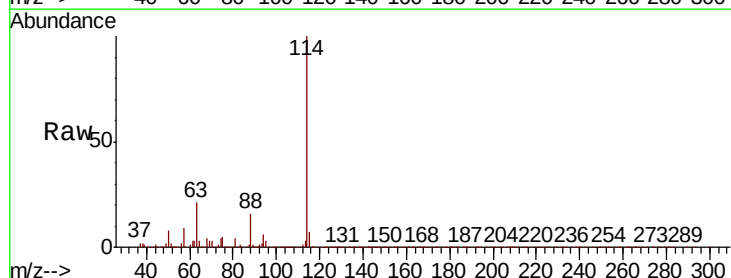
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ192I-20191208

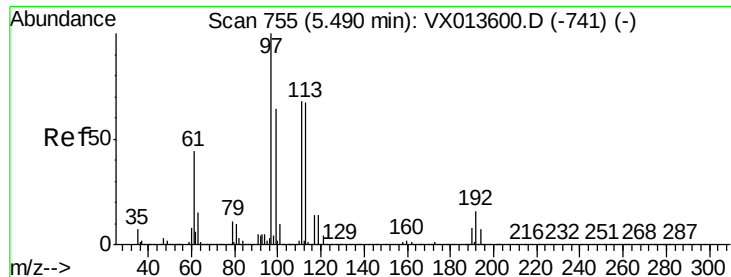
Tot Ion: 65 Resp: 324019
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013977.D
 Acq: 12 Dec 2019 15:59

Tgt Ion: 114 Resp: 871378
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.6
 88 15.6 0.0 31.4

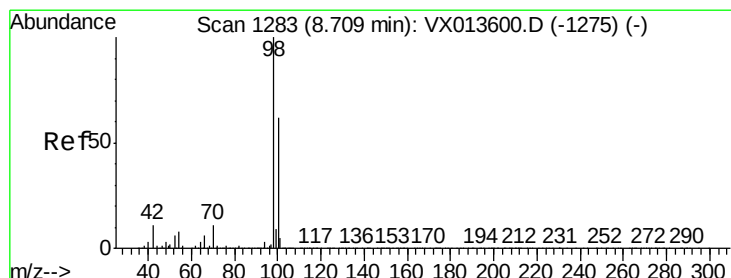
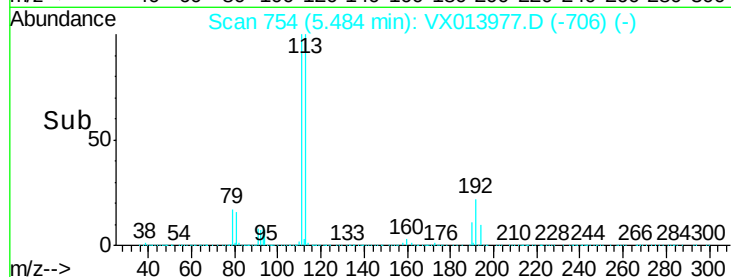
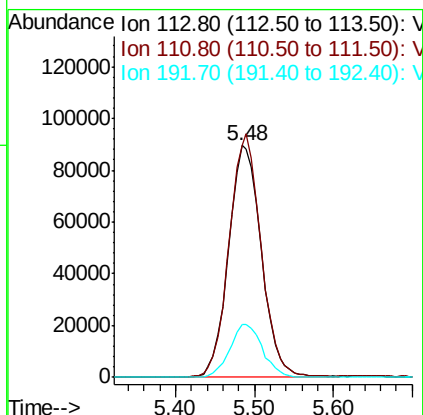
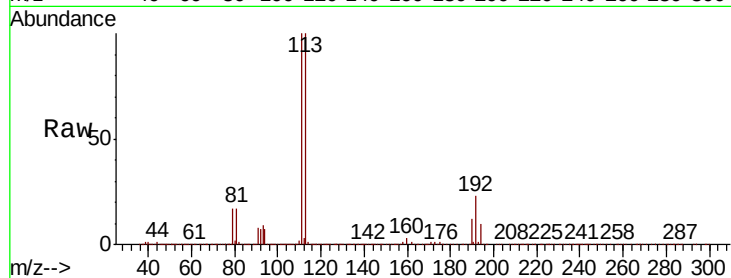




#35
Dibromofluoromethane
Concen: 47.987 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013977.D
Acq: 12 Dec 2019 15:59

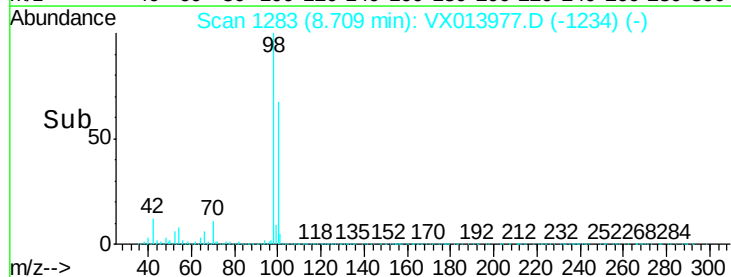
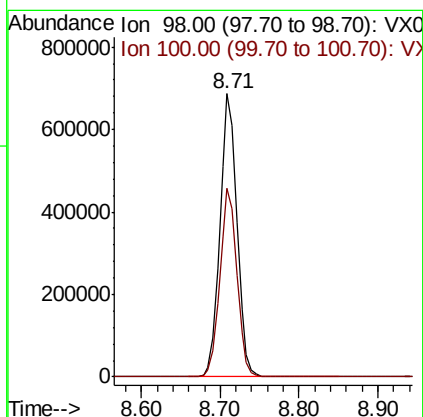
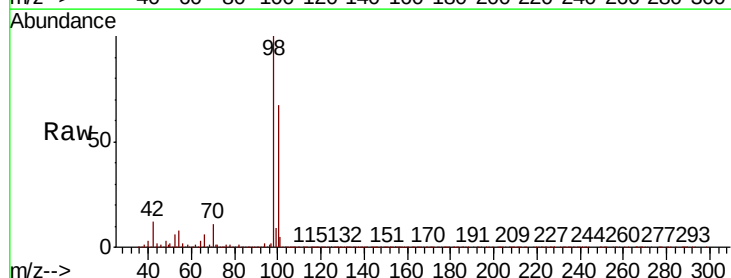
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ192I-20191208

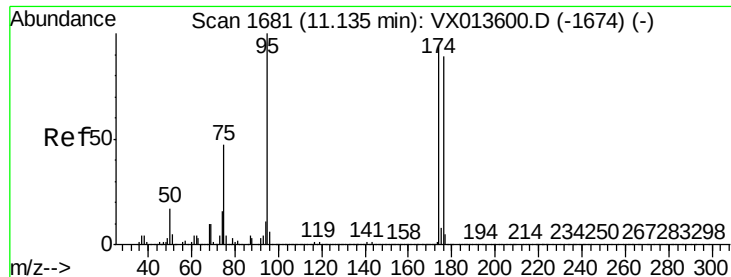
Tot Ion:113 Resp: 258502
Ion Ratio Lower Upper
113 100
111 101.9 83.6 125.4
192 22.7 19.2 28.8



#50
Toluene-d8
Concen: 49.151 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013977.D
Acq: 12 Dec 2019 15:59

Tgt Ion: 98 Resp: 1031598
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

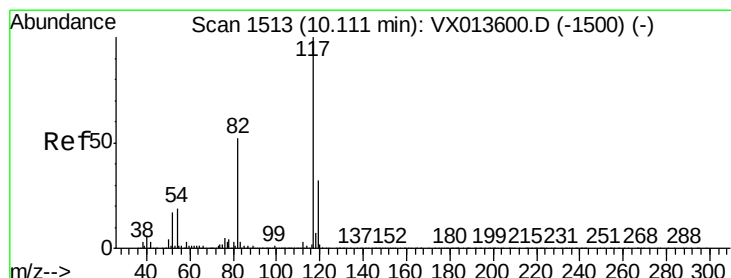
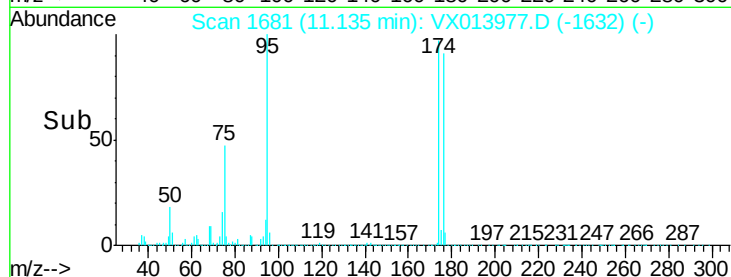
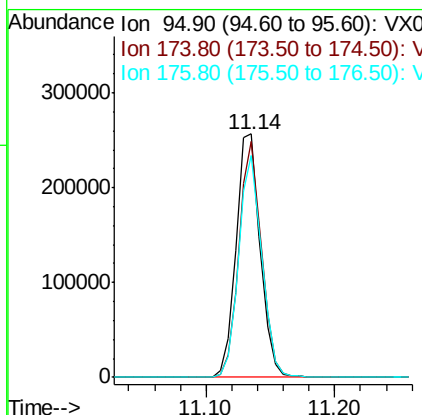
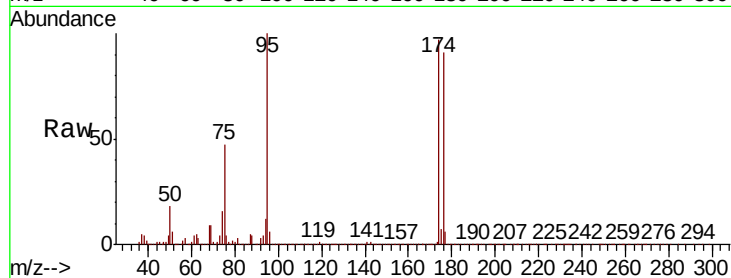




#62
4-Bromofluorobenzene
Concen: 44.441 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013977.D
Acq: 12 Dec 2019 15:59

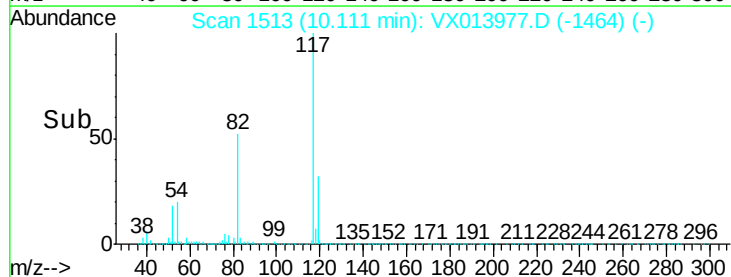
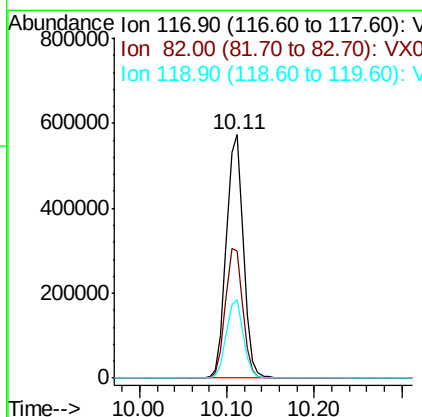
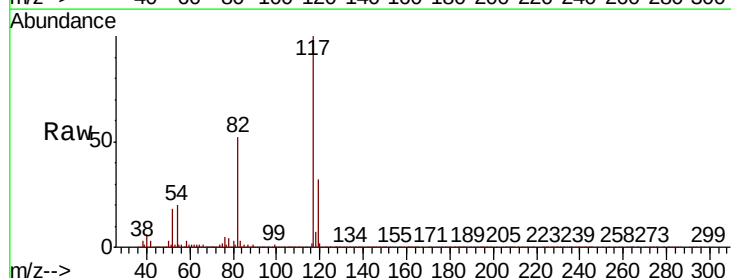
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ192I-20191208

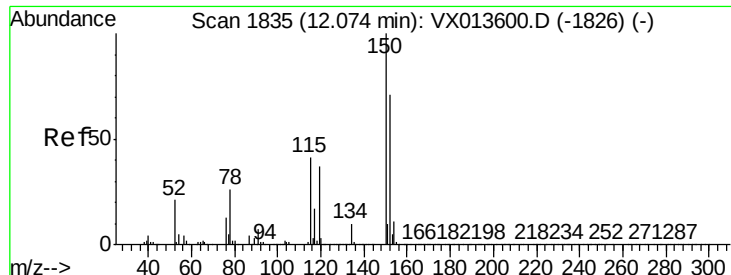
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	180.0
176	87.2	0.0	173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013977.D
Acq: 12 Dec 2019 15:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.8	62.8
119	32.1	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013977.D

Acq: 12 Dec 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ192I-20191208

Tot Ion:152 Resp: 322526

Ion Ratio Lower Upper

152 100

115 56.6 38.4 115.1

150 158.4 0.0 346.8

