

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013817.D
 Acq On : 06 Dec 2019 22:51
 Operator : JC/SP
 Sample : K6185-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20191205

Quant Time: Dec 07 04:59:46 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

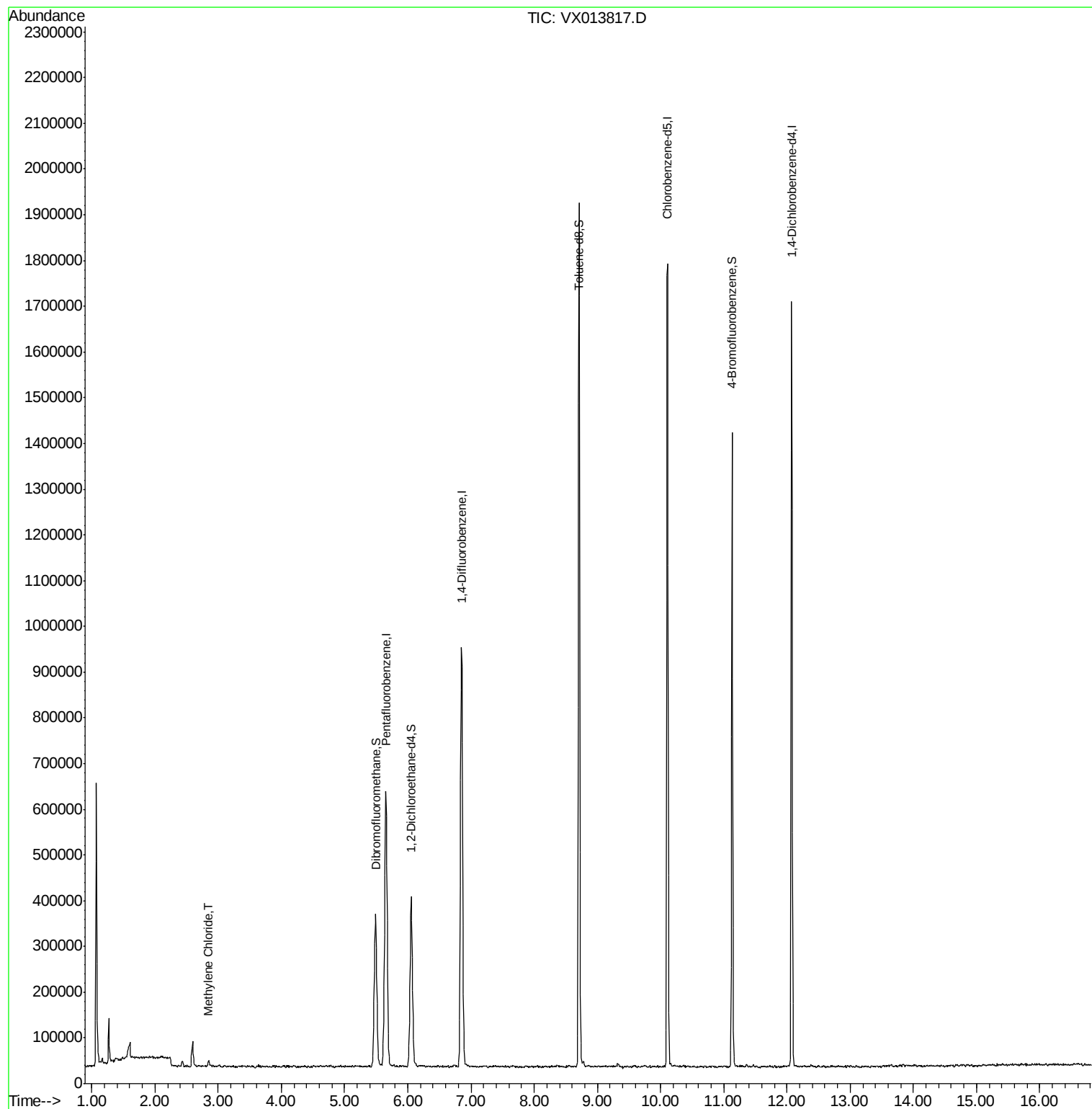
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	630285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	964526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	832898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	354533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	341788	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
35) Dibromofluoromethane	5.49	113	282933	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	8.71	98	1119580	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	368436	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.96%	
Target Compounds						
20) Methylene Chloride	2.85	84	7152	1.031	ug/l	Qvalue 94

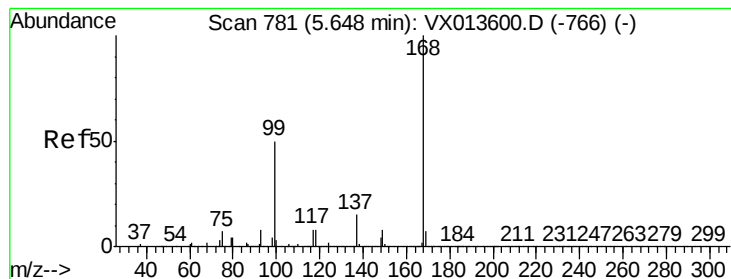
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013817.D

Acq: 06 Dec 2019 22:51

Instrument :

MSVOA_X

ClientSampled :

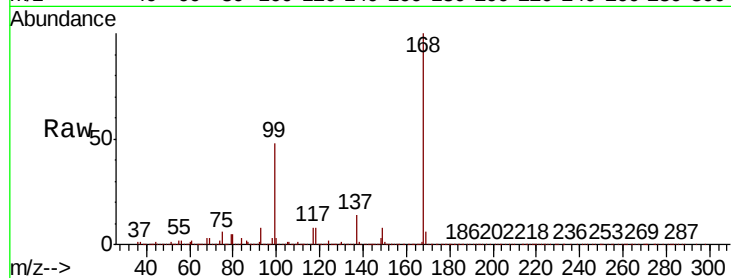
FB01-20191205

Tot Ion:168 Resp: 630285

Ion Ratio Lower Upper

168 100

99 48.4 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

250000

200000

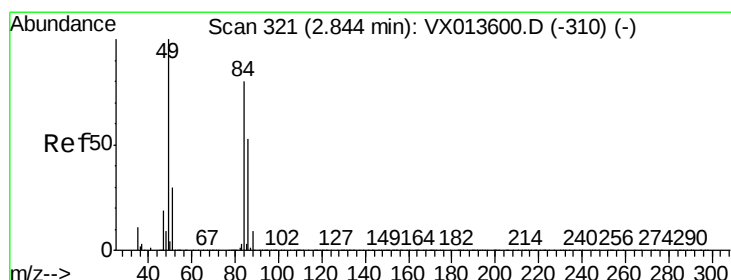
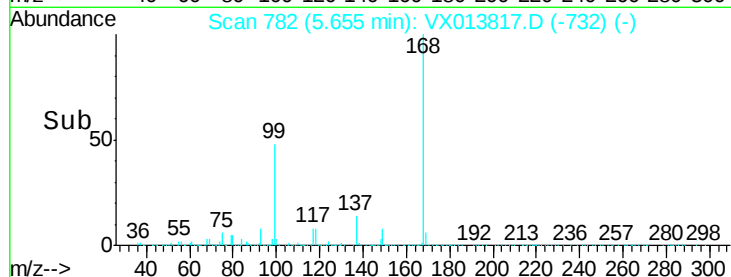
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.031 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX013817.D

Acq: 06 Dec 2019 22:51

Tgt Ion: 84 Resp: 7152

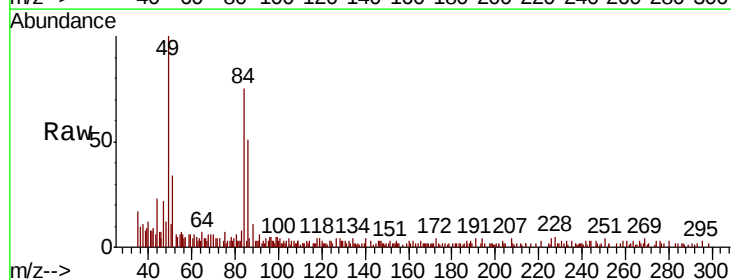
Ion Ratio Lower Upper

84 100

49 131.0 99.7 149.5

51 41.7 29.9 44.9

86 69.3 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

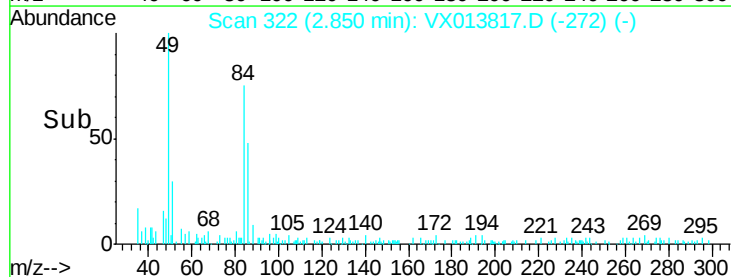
6000

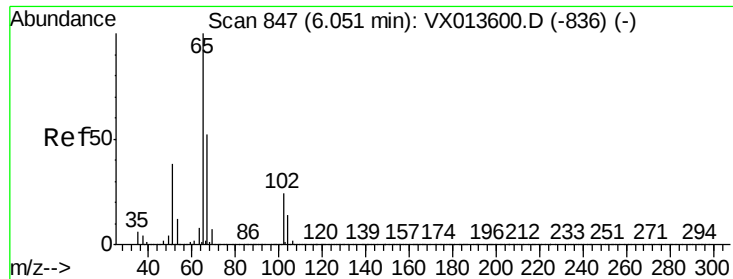
4000

2000

0

Time-->

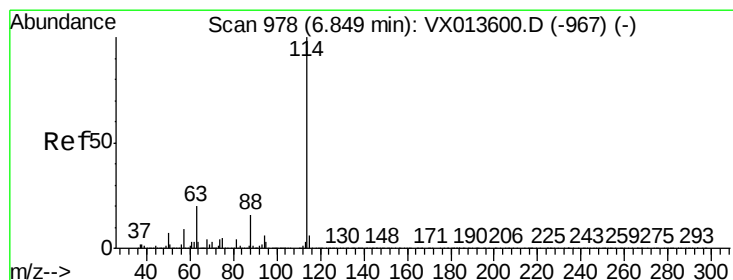
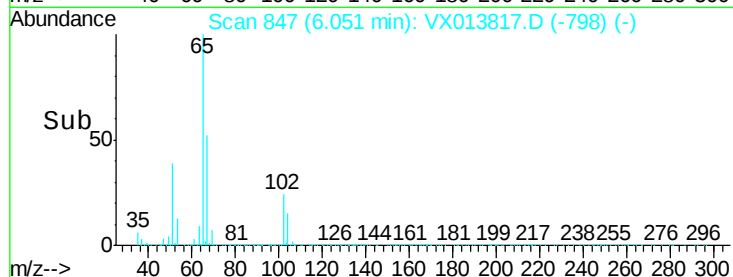
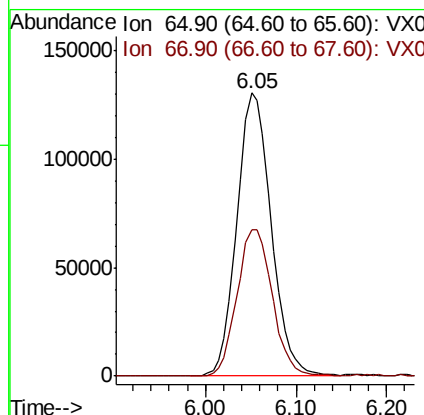
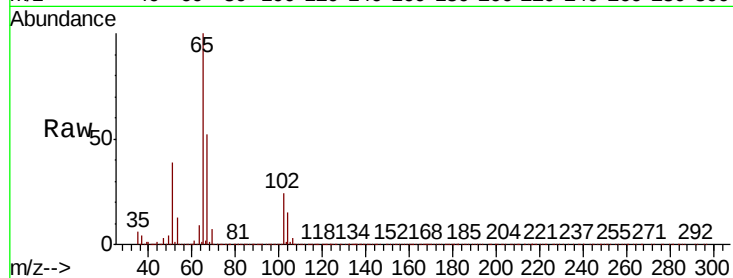




#33
 1,2-Dichloroethane-d4
 Concen: 46.717 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013817.D
 Acq: 06 Dec 2019 22:51

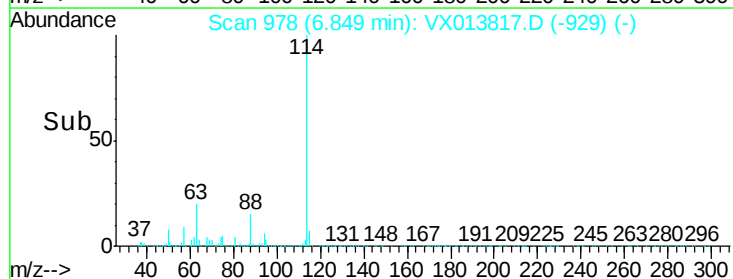
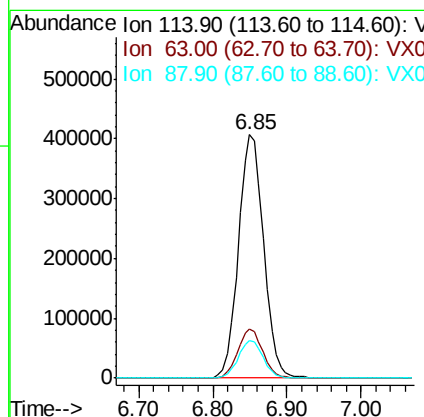
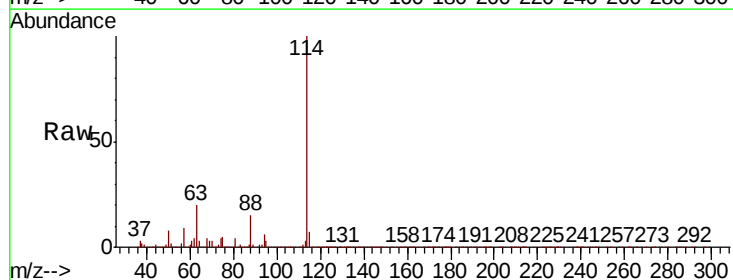
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20191205

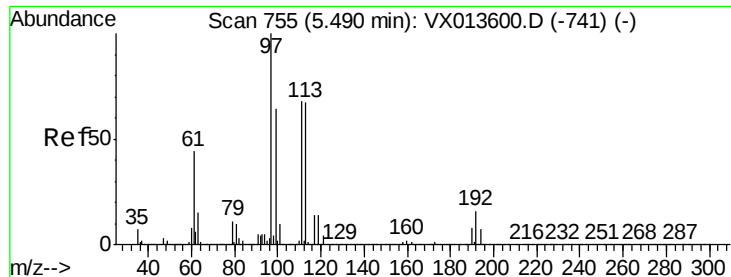
Tot Ion: 65 Resp: 341788
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013817.D
 Acq: 06 Dec 2019 22:51

Tgt Ion: 114 Resp: 964526
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.3 0.0 31.4

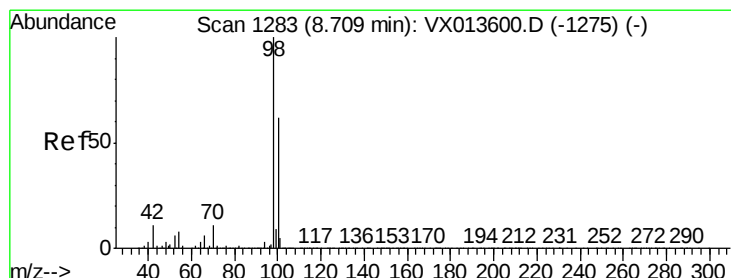
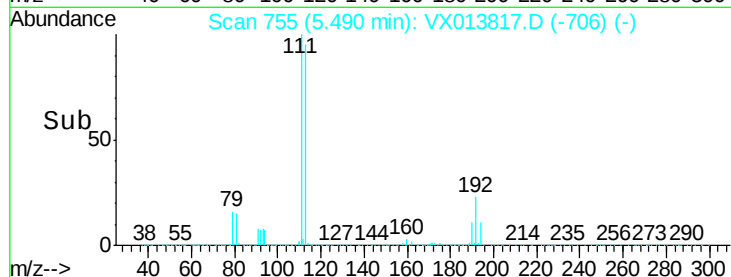
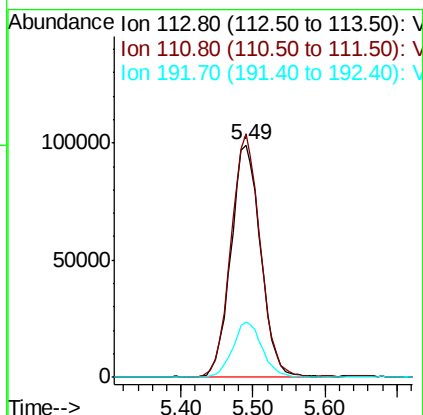
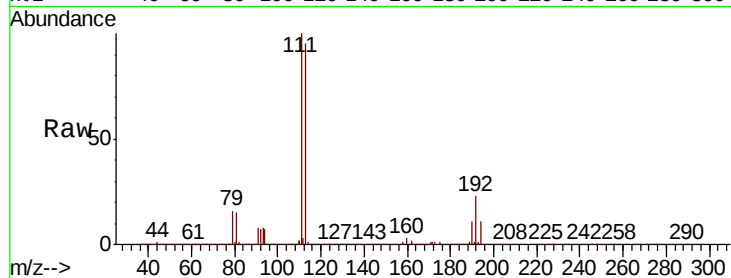




#35
Dibromofluoromethane
Concen: 47.450 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013817.D
Acq: 06 Dec 2019 22:51

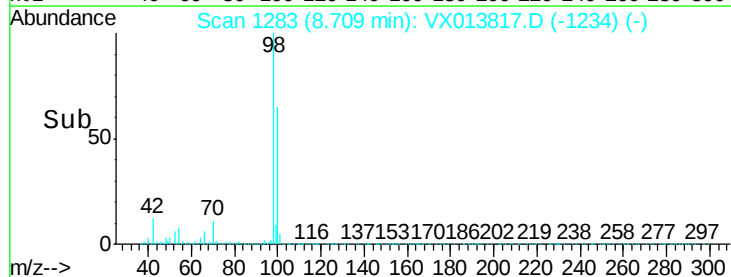
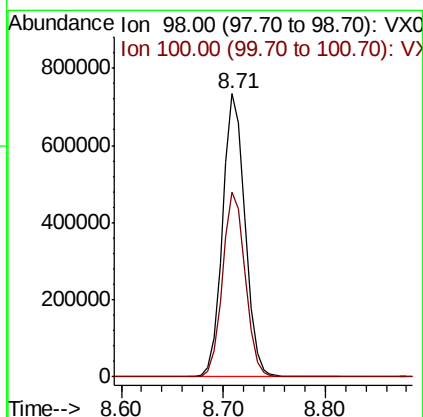
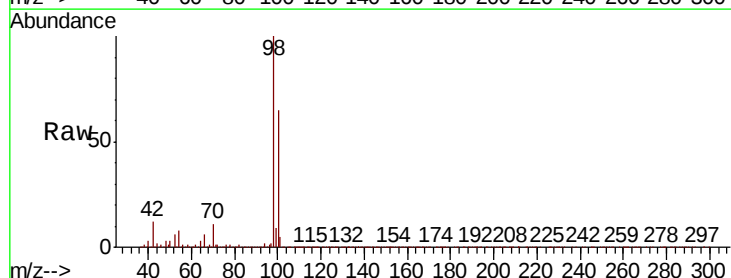
Instrument :
MSVOA_X
ClientSampleId :
FB01-20191205

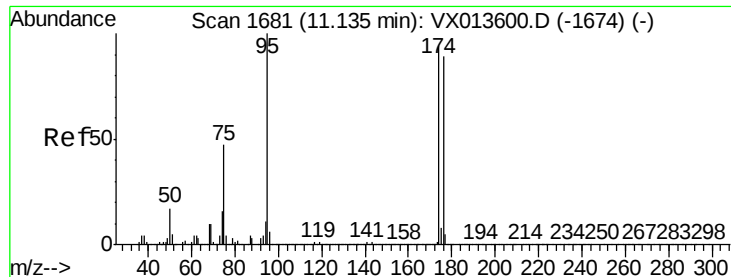
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.6	125.4
192	23.8	19.2	28.8



#50
Toluene-d8
Concen: 48.192 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013817.D
Acq: 06 Dec 2019 22:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 43.979 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013817.D

Acq: 06 Dec 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

FB01-20191205

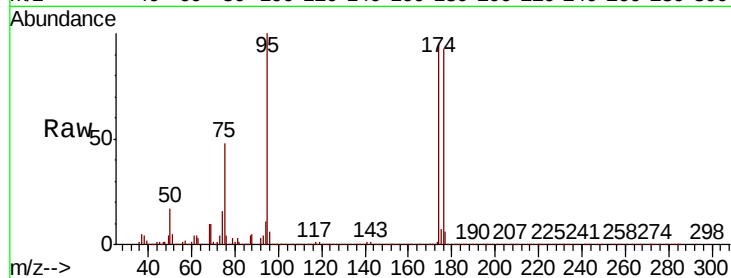
Tot Ion: 95 Resp: 368436

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

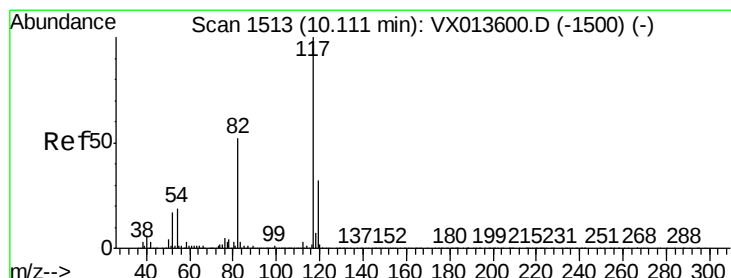
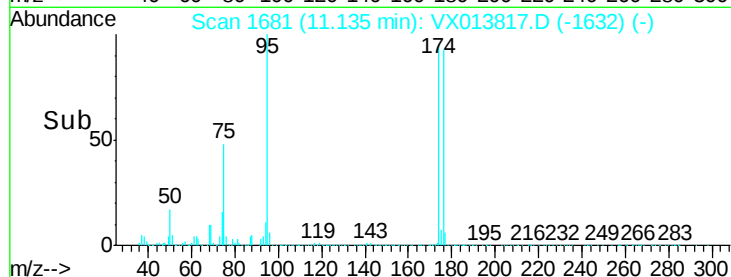
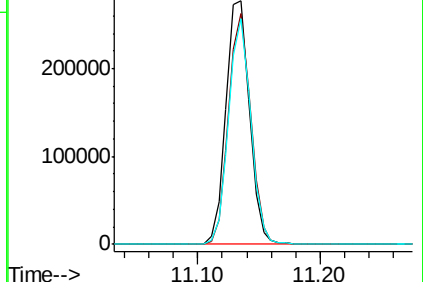
176 87.2 0.0 173.6



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: VX013817.D

Acq: 06 Dec 2019 22:51

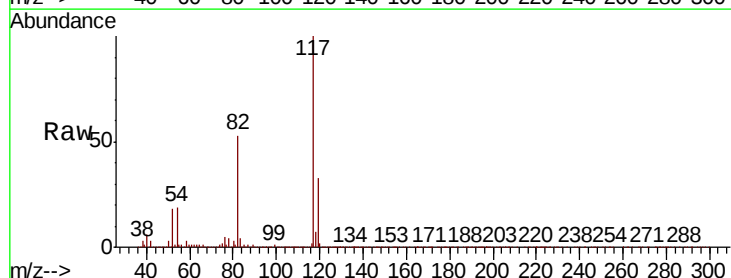
Tgt Ion: 117 Resp: 832898

Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.8

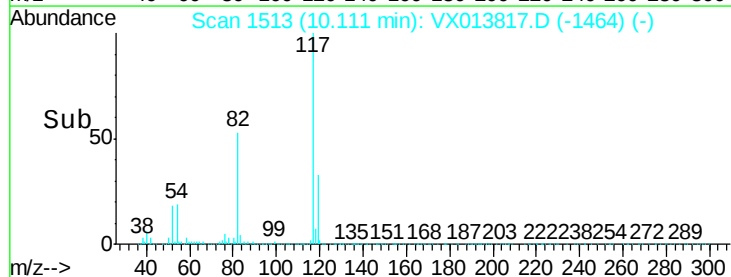
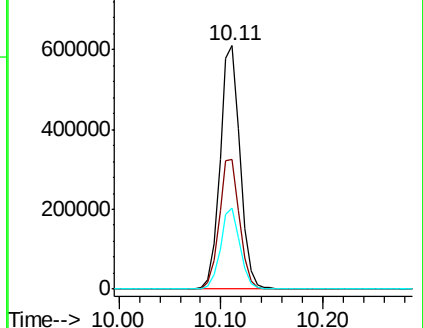
119 33.1 25.8 38.8

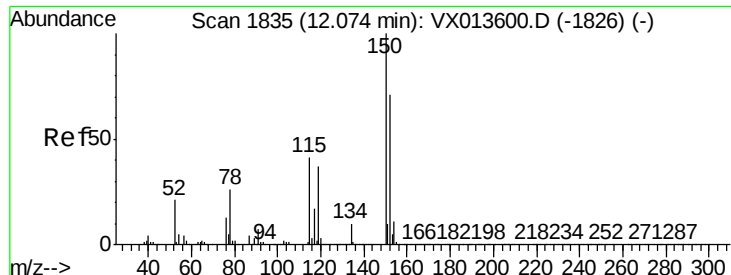


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX013817.D

Acq: 06 Dec 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

FB01-20191205

Tot Ion:152 Resp: 354533

Ion Ratio Lower Upper

152 100

115 55.5 38.4 115.1

150 157.2 0.0 346.8

