

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018867.D
 Acq On : 09 Oct 2020 20:01
 Operator : JC/SP
 Sample : L4317-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 07:03:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

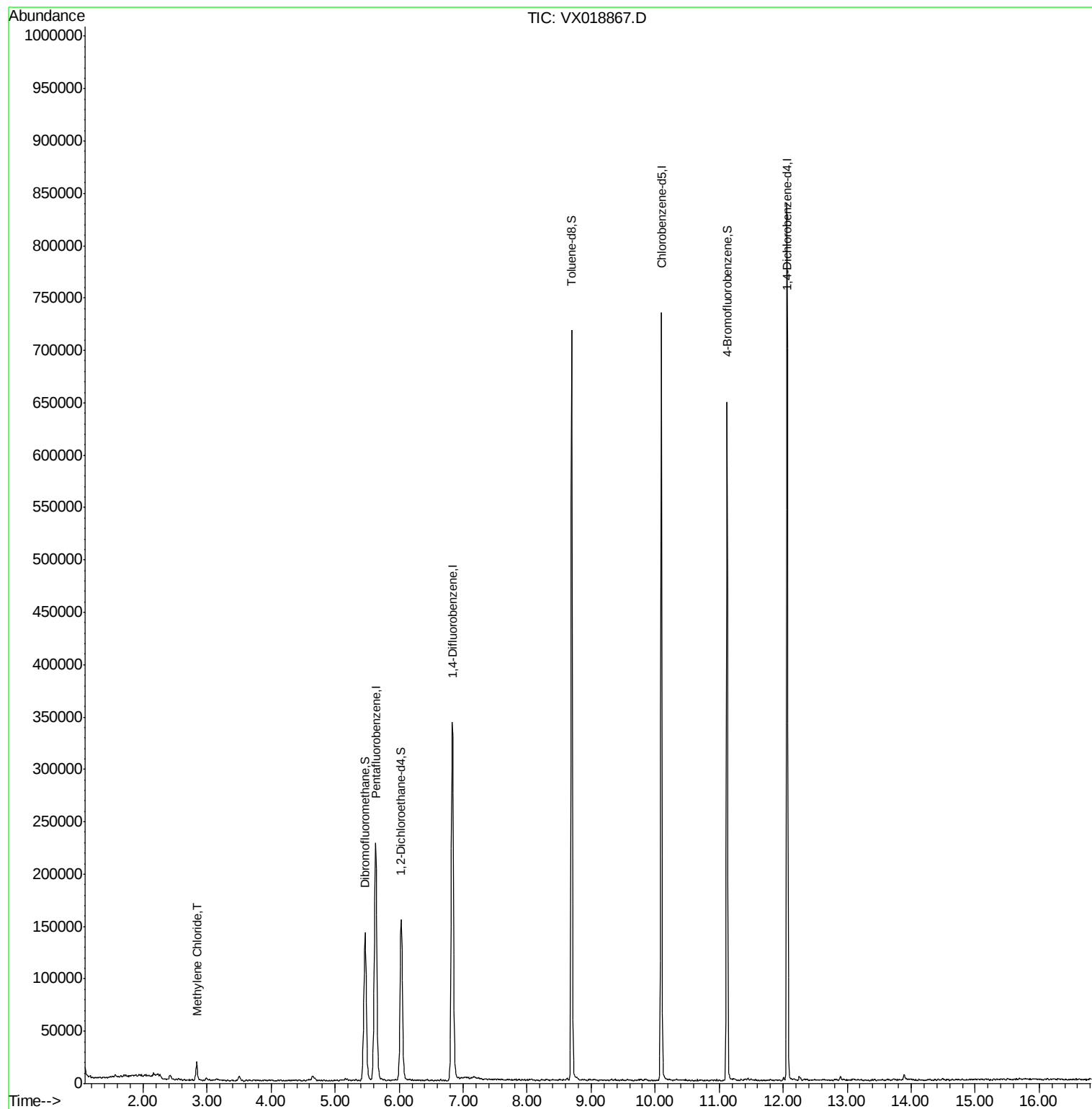
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	202648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	329371	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	319983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	157947	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	5.47	113	117379	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	8.70	98	405304	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.12	95	156354	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
Target Compounds						
20) Methylene Chloride	2.84	84	6988	3.749	ug/l	Qvalue 95

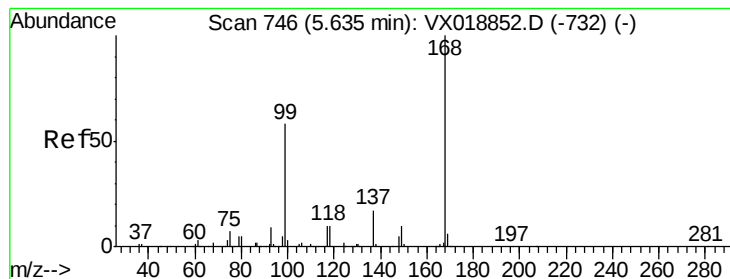
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018867.D

Acq: 09 Oct 2020 20:01

Instrument :

MSVOA_X

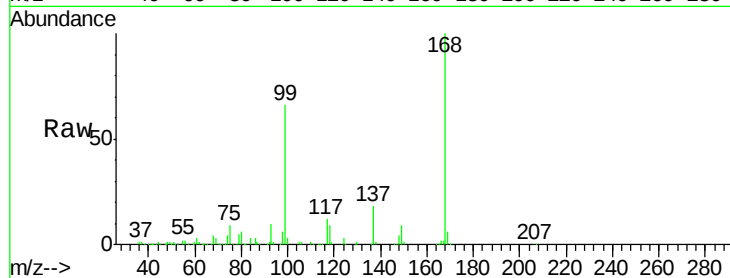
ClientSampleId :

Tot Ion:168 Resp: 202648

Ion Ratio Lower Upper

168 100

99 65.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

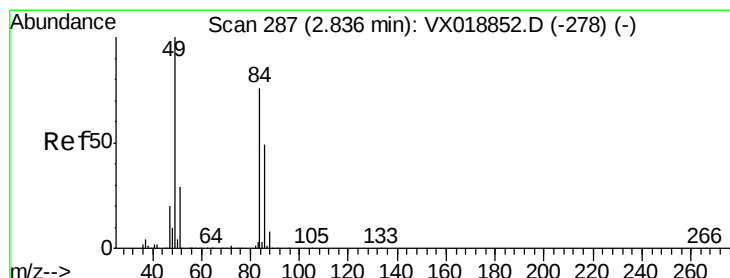
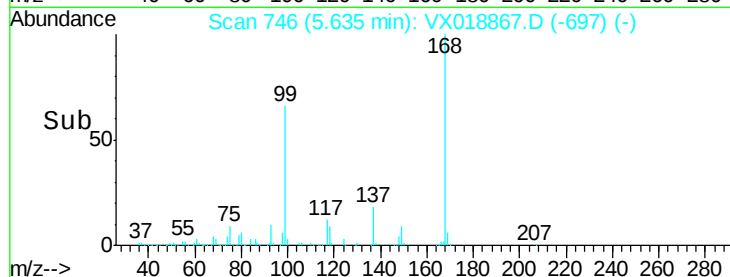
40000

20000

0

Time-->

5.50 5.60 5.70



#20

Methylene Chloride

Concen: 3.749 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018867.D

Acq: 09 Oct 2020 20:01

Tgt Ion: 84 Resp: 6988

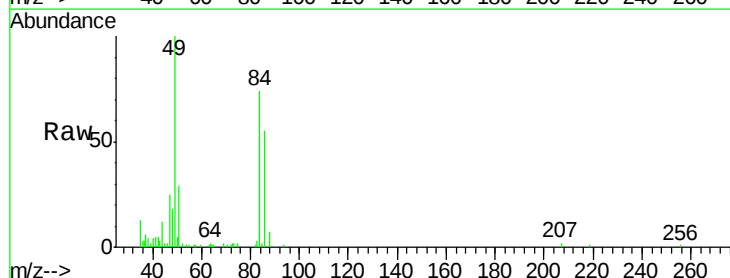
Ion Ratio Lower Upper

84 100

49 133.2 104.8 157.2

51 37.7 30.6 46.0

86 74.7 50.8 76.2



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

8000

6000

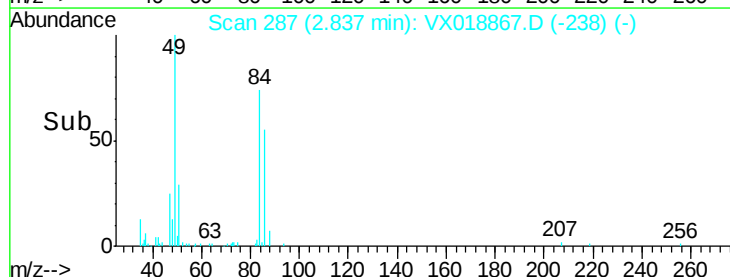
4000

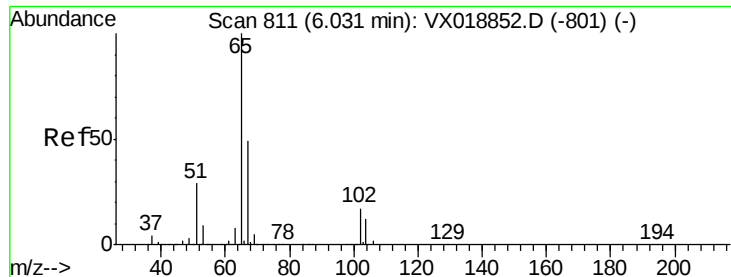
2000

0

Time-->

2.75 2.80 2.85 2.90

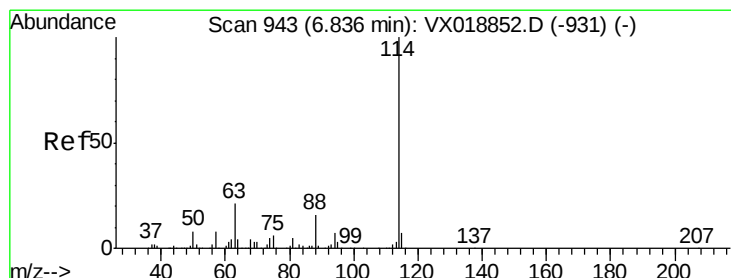
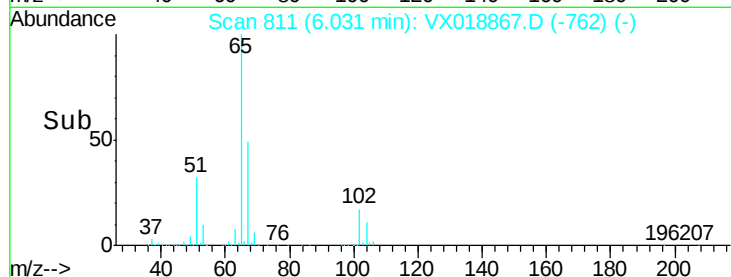
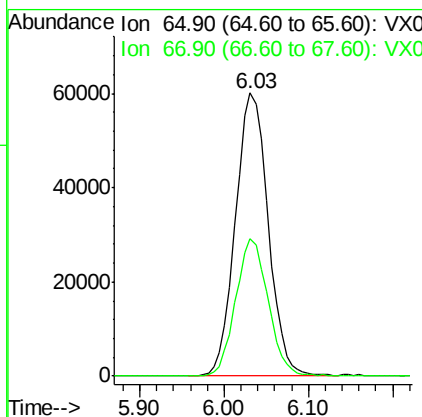
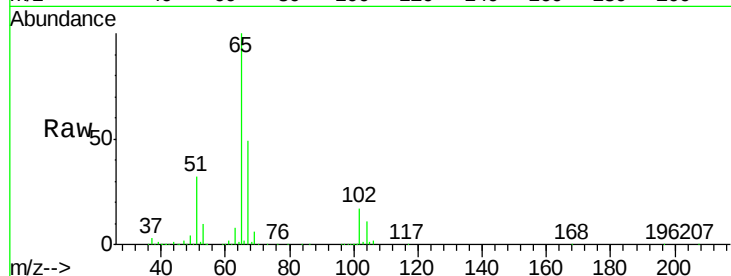




#33
 1,2-Dichloroethane-d4
 Concen: 52.845 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018867.D
 Acq: 09 Oct 2020 20:01

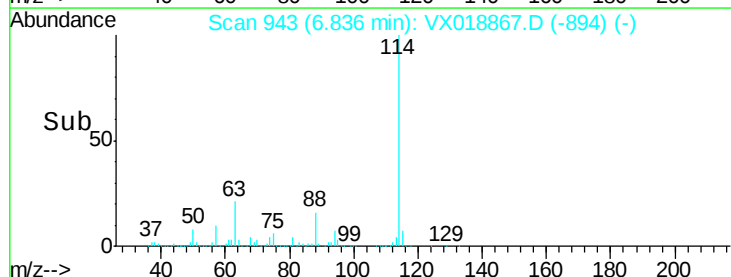
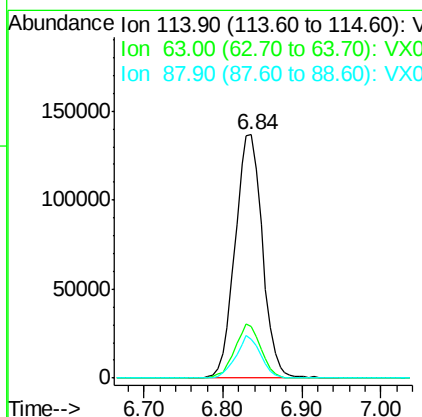
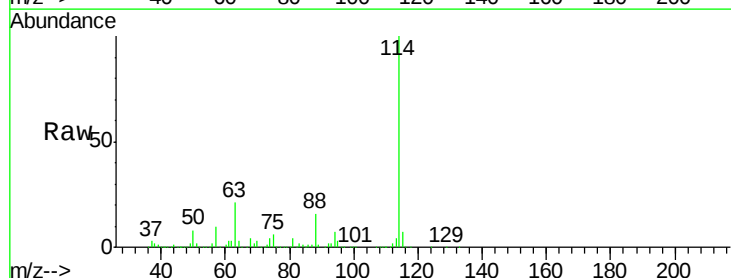
Instrument :
 MSVOA_X
 ClientSampleId :

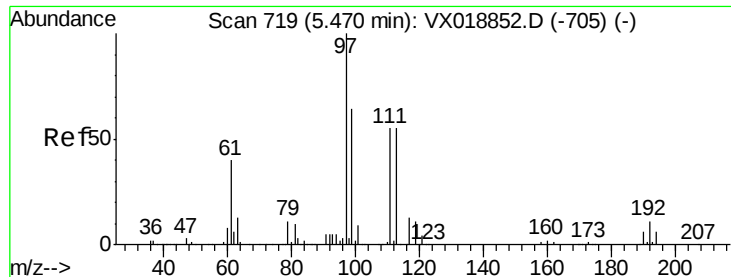
Tot Ion: 65 Resp: 157947
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX018867.D
 Acq: 09 Oct 2020 20:01

Tgt Ion: 114 Resp: 329371
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.4
 88 15.8 0.0 32.6

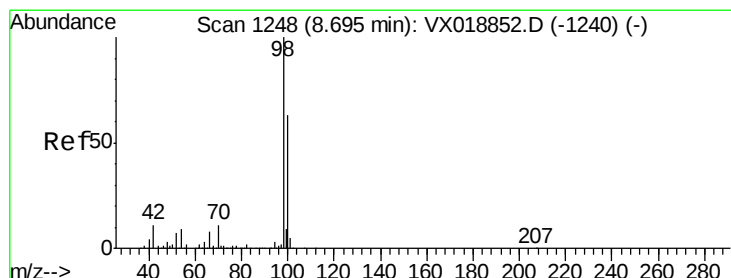
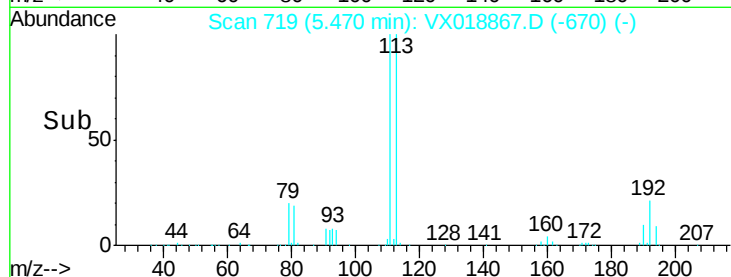
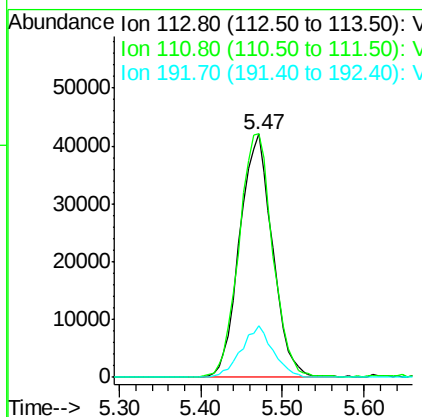
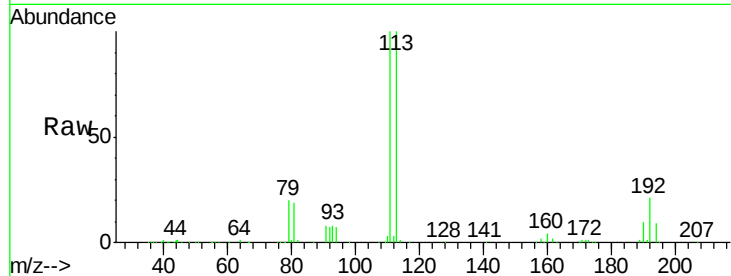




#35
Dibromofluoromethane
Concen: 50.006 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX018867.D
Acq: 09 Oct 2020 20:01

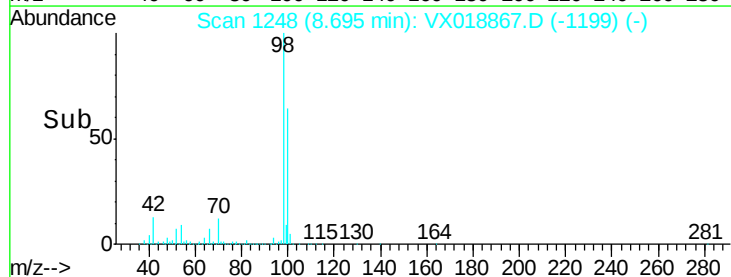
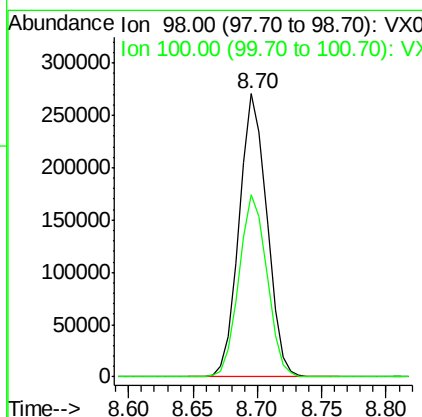
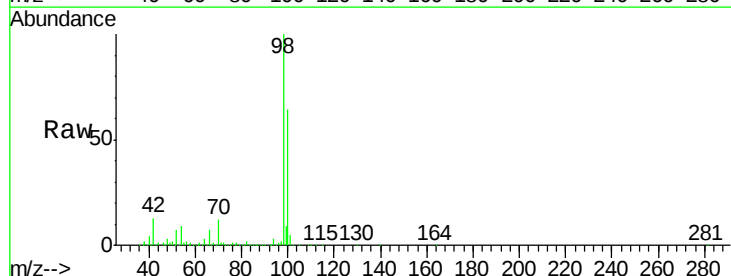
Instrument :
MSVOA_X
ClientSampleId :

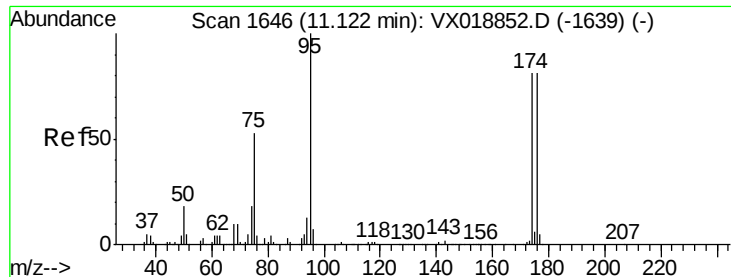
Tot Ion:113 Resp: 117379
Ion Ratio Lower Upper
113 100
111 103.0 80.1 120.1
192 20.5 16.0 24.0



#50
Toluene-d8
Concen: 49.778 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018867.D
Acq: 09 Oct 2020 20:01

Tgt Ion: 98 Resp: 405304
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.181 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018867.D

Acq: 09 Oct 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

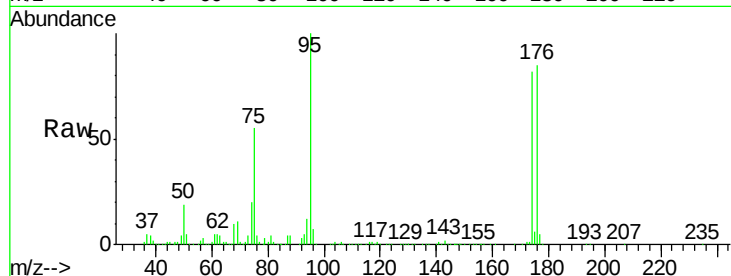
Tot Ion: 95 Resp: 156354

Ion Ratio Lower Upper

95 100

174 79.7 0.0 160.0

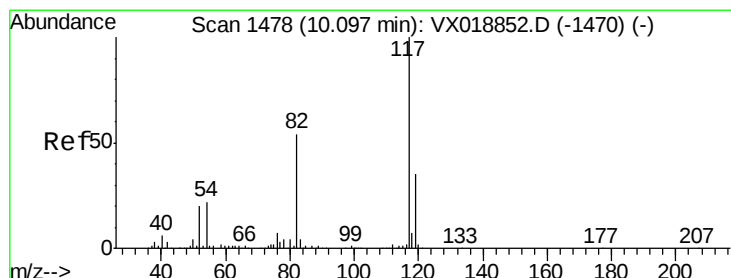
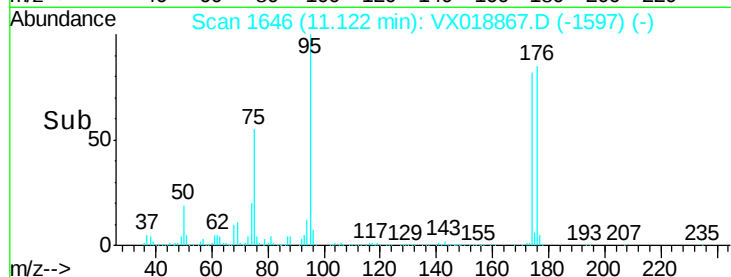
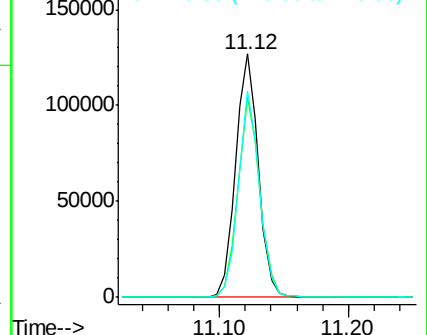
176 79.5 0.0 161.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018867.D

Acq: 09 Oct 2020 20:01

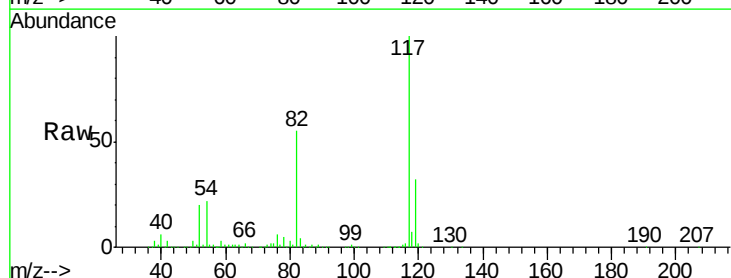
Tgt Ion: 117 Resp: 319983

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.2

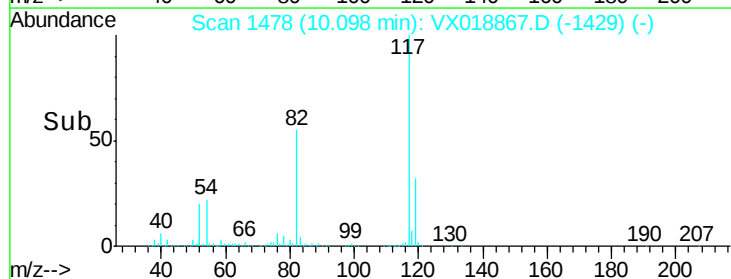
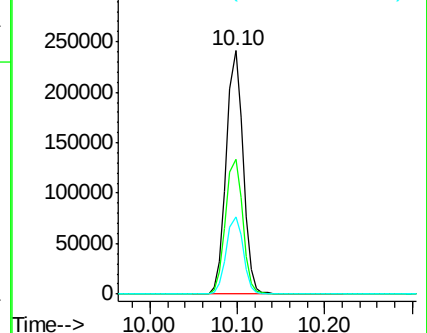
119 31.6 28.3 42.5

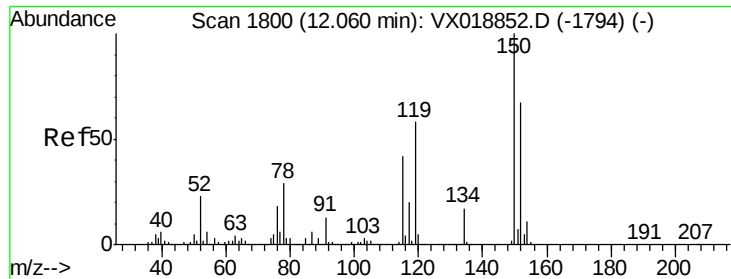


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.06 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VX018867.D
 Acq: 09 Oct 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.8	125.4
150	157.5	0.0	347.6

