

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014508.D
 Acq On : 09 Jan 2020 19:43
 Operator : JC/SP
 Sample : K6456-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-03

Quant Time: Jan 10 07:37:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

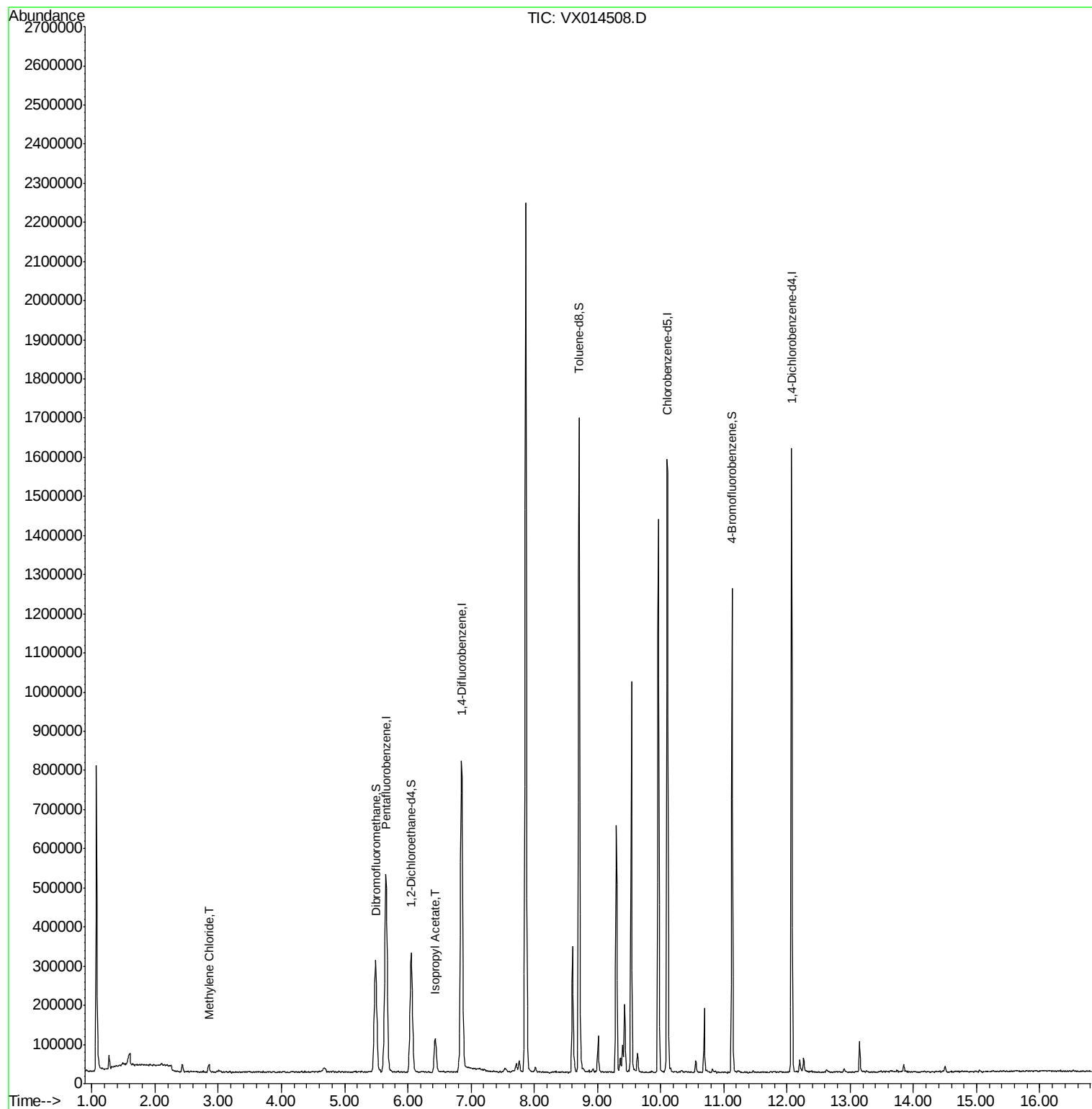
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	529568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	813977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	744242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	291169	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
35) Dibromofluoromethane	5.49	113	242937	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	980145	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.13	95	330962	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
Target Compounds						
20) Methylene Chloride	2.85	84	10597	1.782	ug/l	96
43) Isopropyl Acetate	6.43	43	119703	8.912	ug/l	99

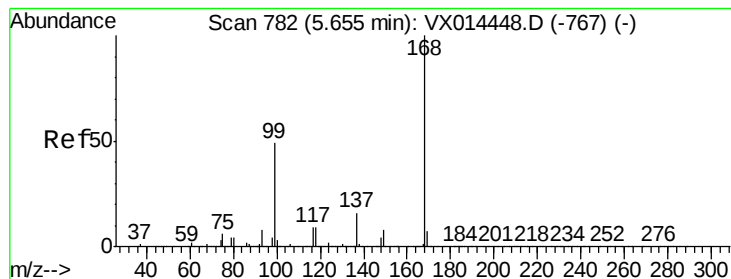
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014508.D

Acq: 09 Jan 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

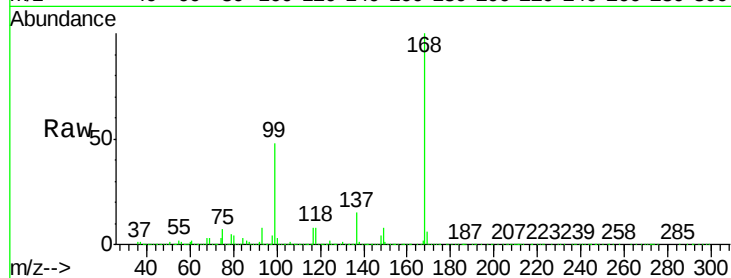
SB-03

Tot Ion:168 Resp: 529568

Ion Ratio Lower Upper

168 100

99 47.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

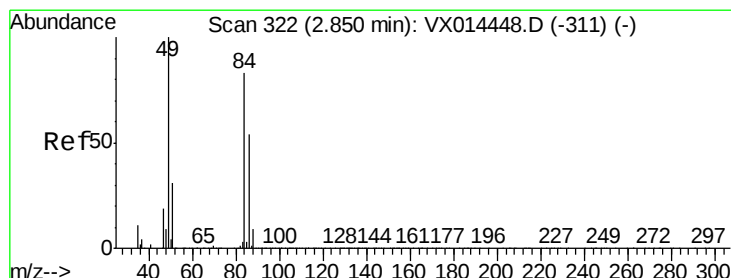
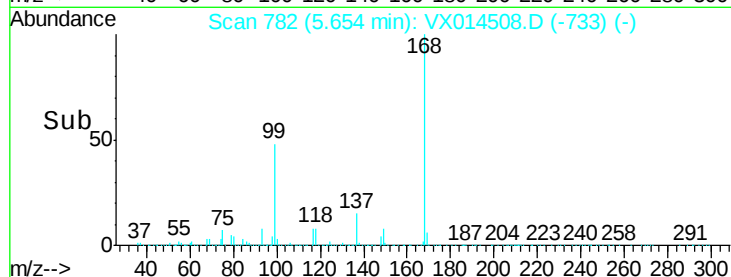
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.782 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014508.D

Acq: 09 Jan 2020 19:43

Tgt Ion: 84 Resp: 10597

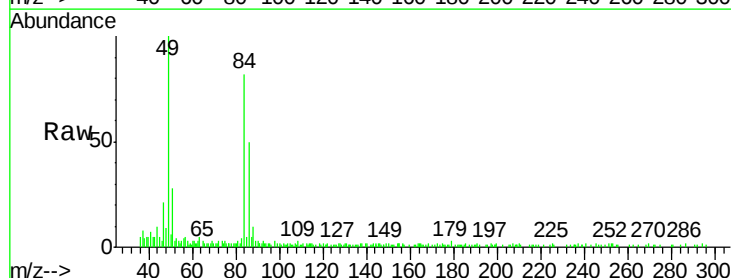
Ion Ratio Lower Upper

84 100

49 120.5 95.8 143.8

51 31.1 30.2 45.4

86 60.8 51.8 77.6



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

10000

8000

6000

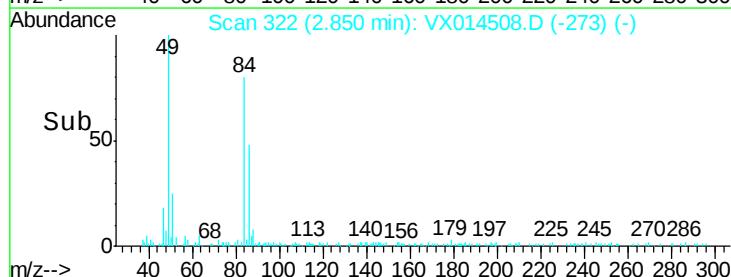
4000

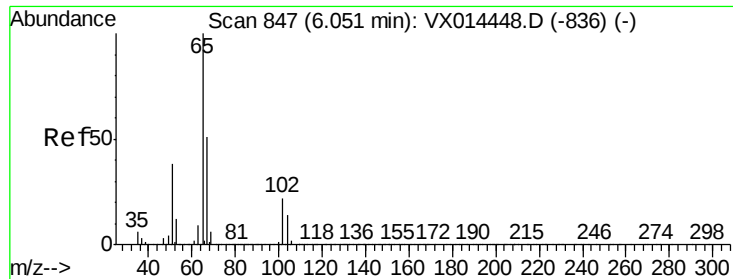
2000

0

Time-->

2.80 2.85 2.90

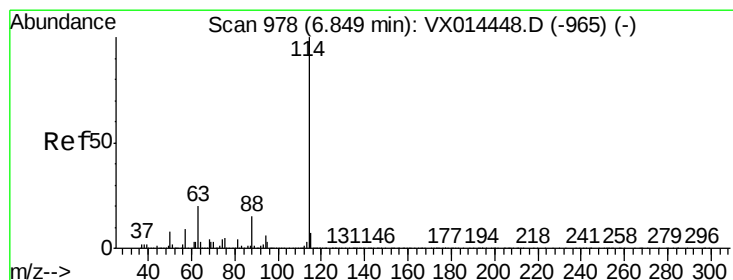
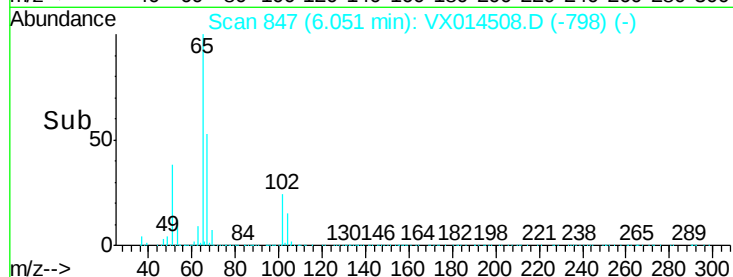
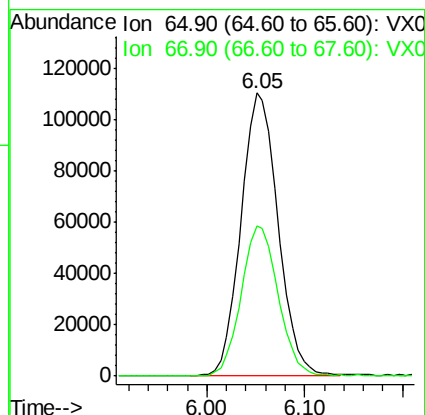
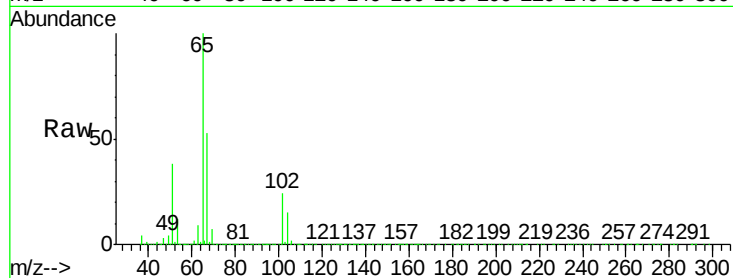




#33
 1,2-Dichloroethane-d4
 Concen: 49.252 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014508.D
 Acq: 09 Jan 2020 19:43

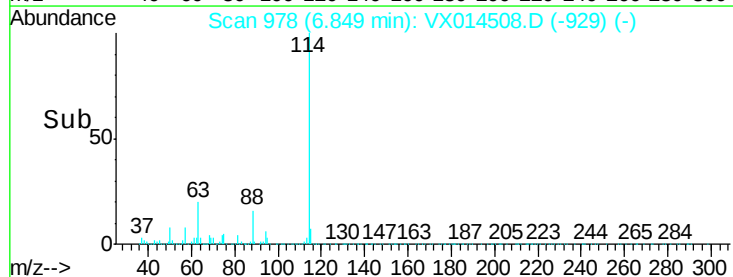
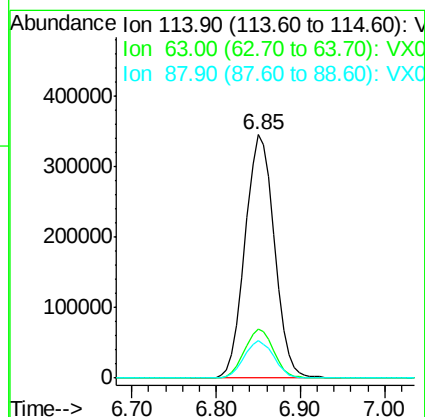
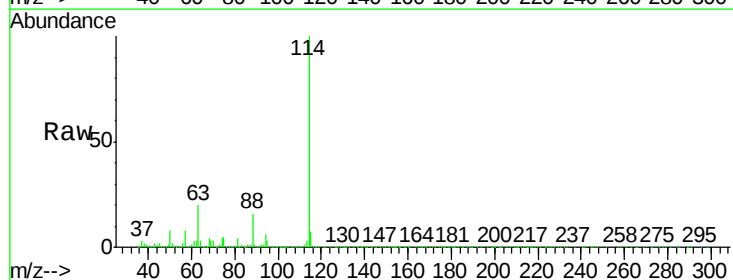
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-03

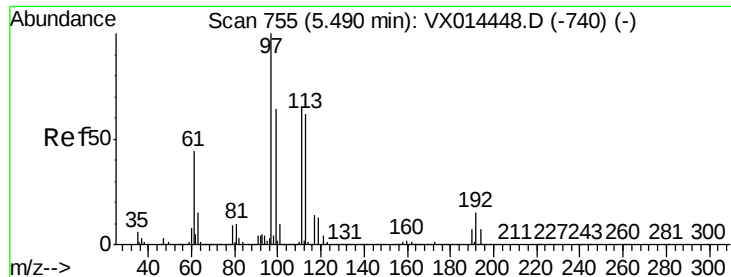
Tot Ion: 65 Resp: 291169
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014508.D
 Acq: 09 Jan 2020 19:43

Tgt Ion: 114 Resp: 813977
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.304 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014508.D

Acq: 09 Jan 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

SB-03

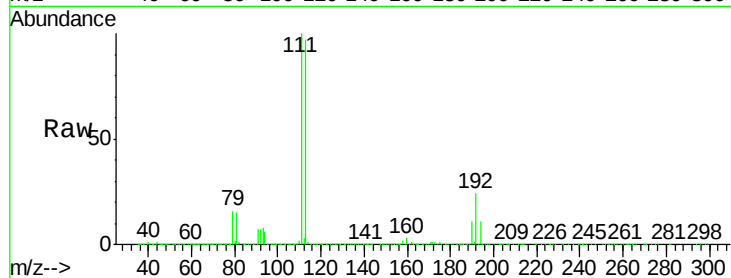
Tot Ion:113 Resp: 242937

Ion Ratio Lower Upper

113 100

111 103.7 81.5 122.3

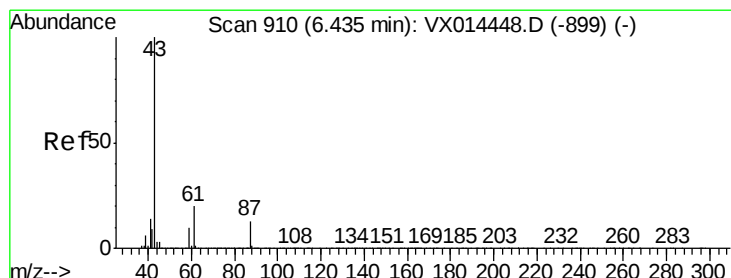
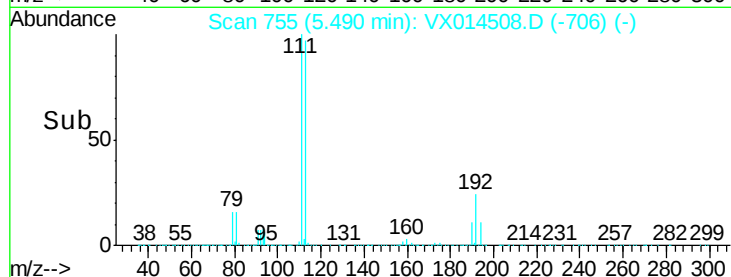
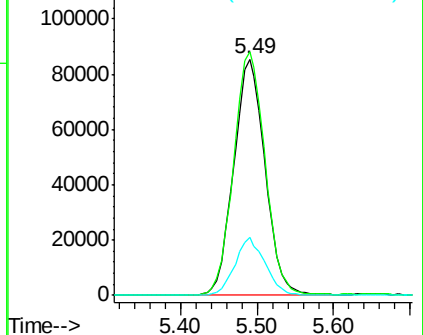
192 23.7 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 8.912 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014508.D

Acq: 09 Jan 2020 19:43

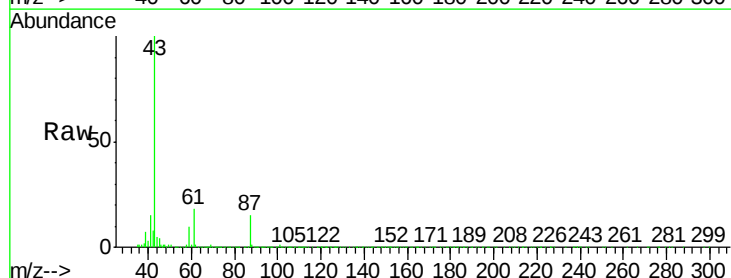
Tgt Ion: 43 Resp: 119703

Ion Ratio Lower Upper

43 100

61 21.1 16.6 24.8

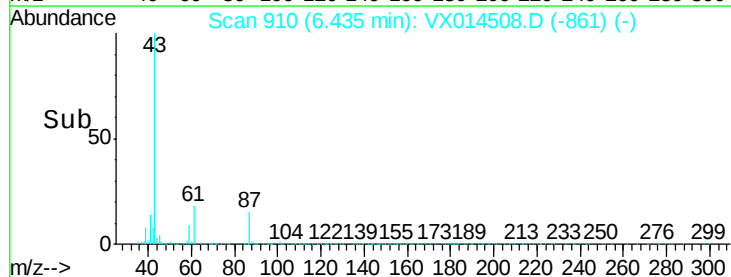
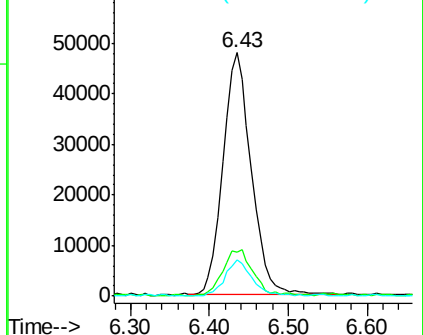
87 14.1 10.8 16.2

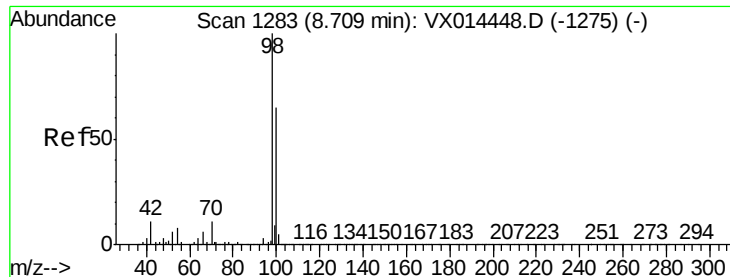


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.259 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014508.D

Acq: 09 Jan 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

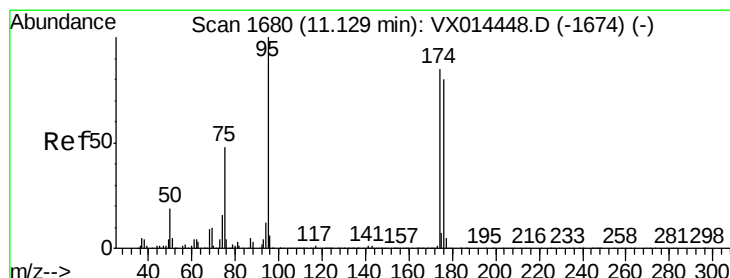
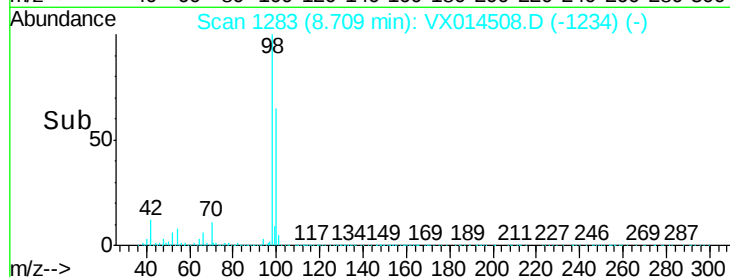
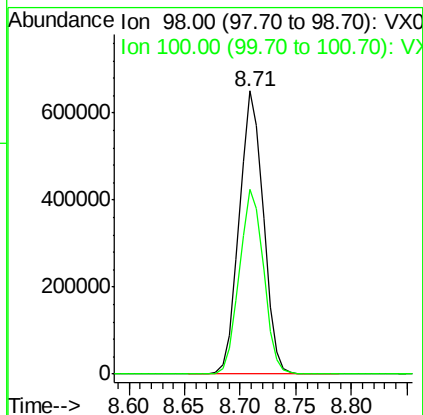
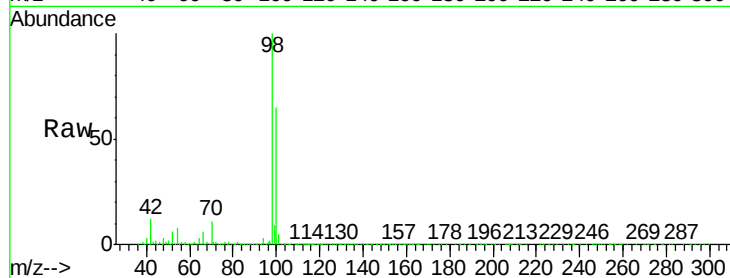
SB-03

Tot Ion: 98 Resp: 980145

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.148 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014508.D

Acq: 09 Jan 2020 19:43

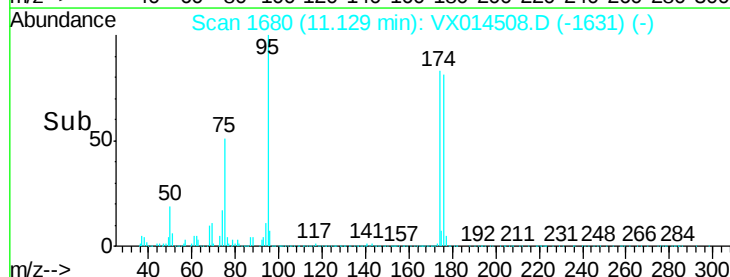
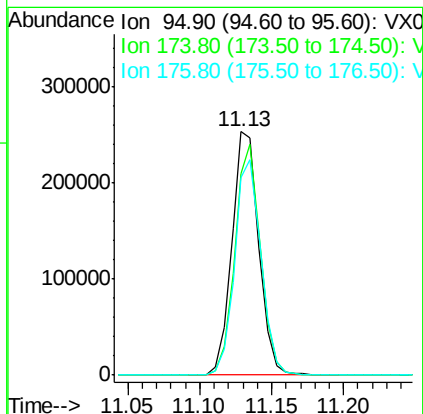
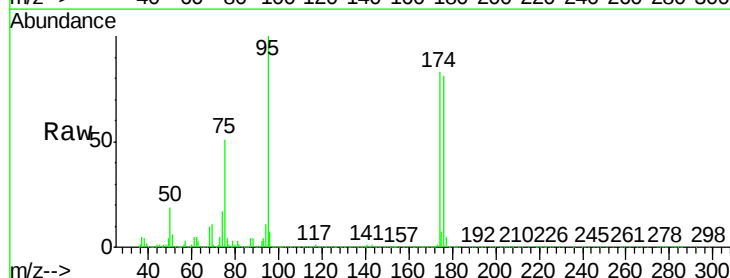
Tgt Ion: 95 Resp: 330962

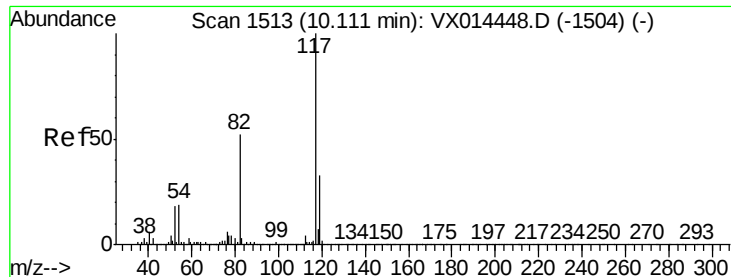
Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.8

176 86.5 0.0 172.8

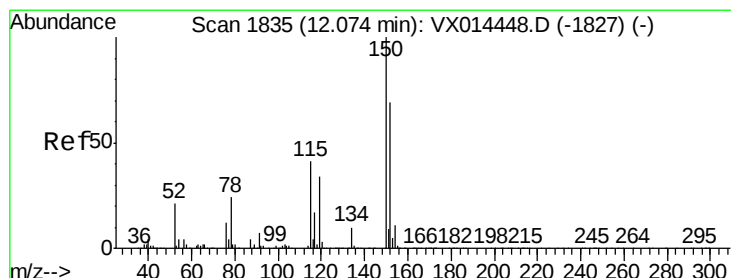
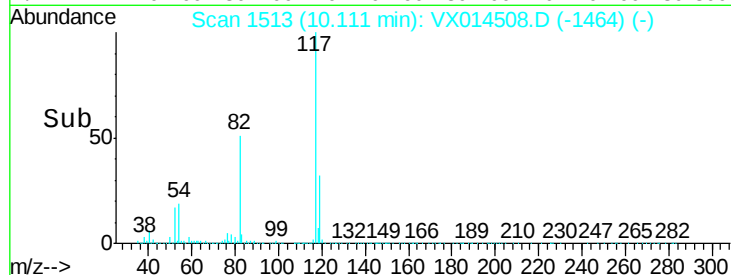
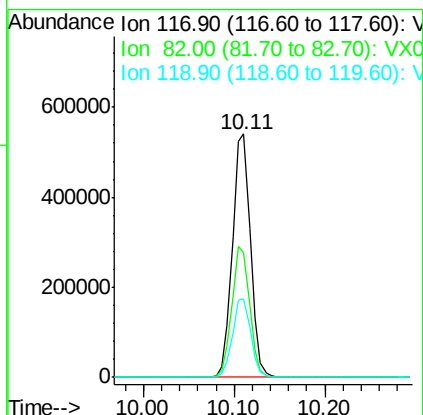
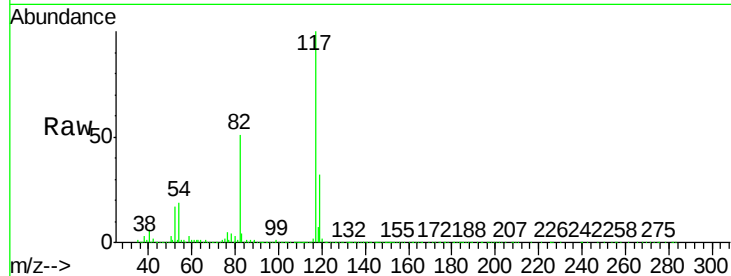




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014508.D
Acq: 09 Jan 2020 19:43

Instrument :
MSVOA_X
ClientSampleId :
SB-03

Tot Ion:117 Resp: 744242
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.6
119 32.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014508.D
Acq: 09 Jan 2020 19:43

Tgt Ion:152 Resp: 329705
Ion Ratio Lower Upper
152 100
115 55.9 39.5 118.3
150 157.5 0.0 350.2

