

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014509.D
 Acq On : 09 Jan 2020 20:06
 Operator : JC/SP
 Sample : K6456-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04

Quant Time: Jan 10 07:40:36 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

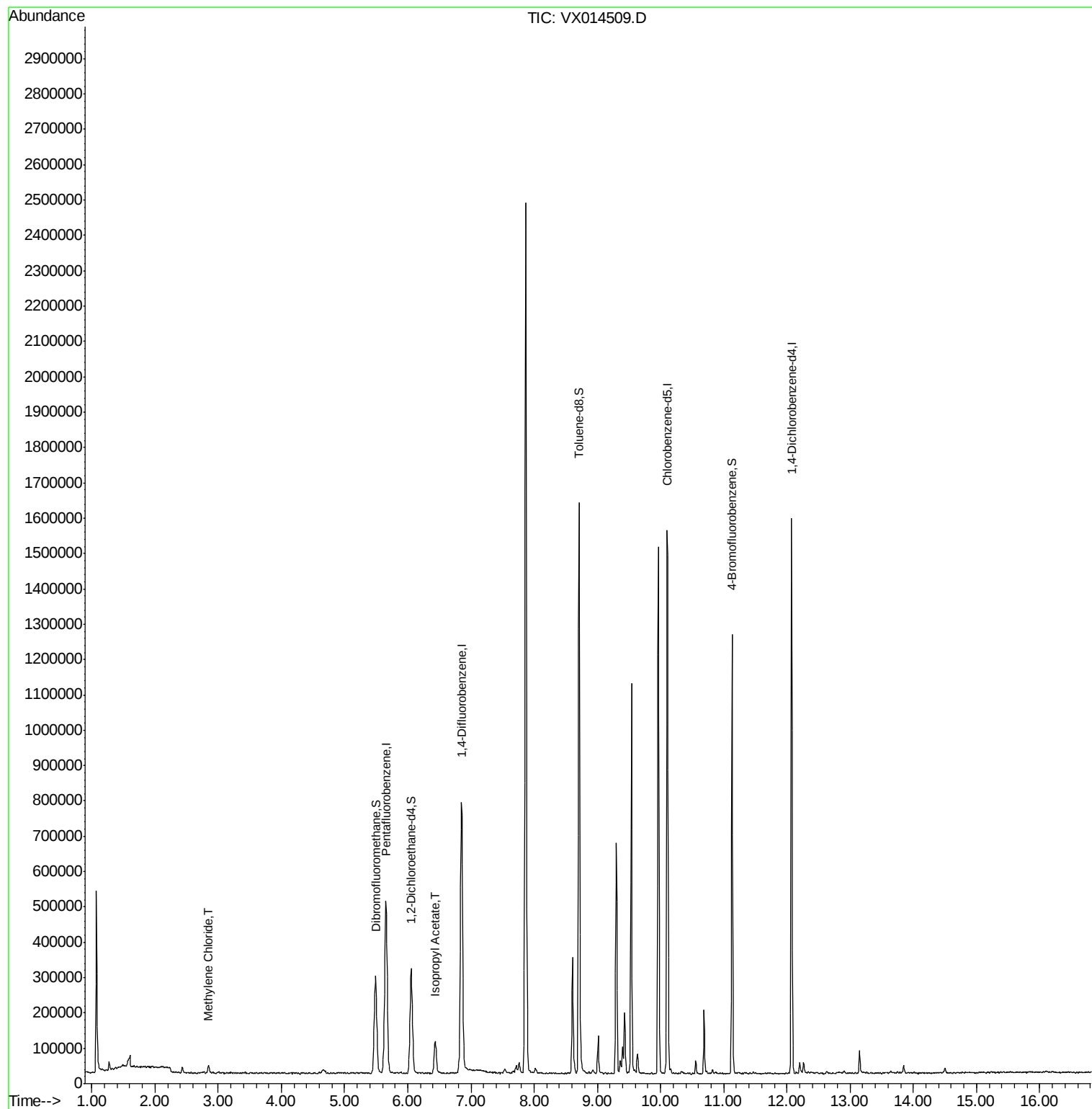
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	508657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	782504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	722026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	278267	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
35) Dibromofluoromethane	5.49	113	234878	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	8.71	98	942124	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.13	95	323071	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
Target Compounds						
20) Methylene Chloride	2.85	84	11698	2.048	ug/l	97
43) Isopropyl Acetate	6.44	43	124778	9.664	ug/l	99

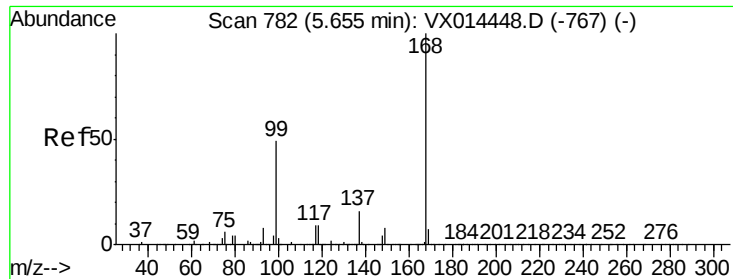
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014509.D

Acq: 09 Jan 2020 20:06

Instrument :

MSVOA_X

ClientSampled :

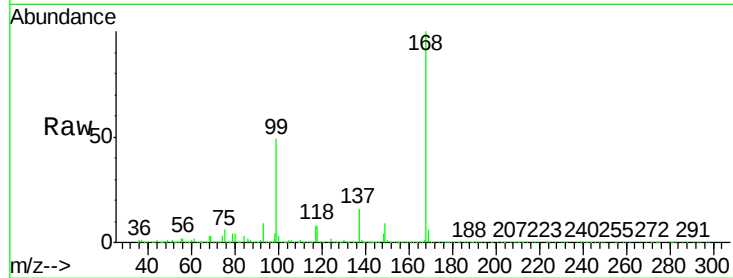
SB-04

Tot Ion:168 Resp: 508657

Ion Ratio Lower Upper

168 100

99 48.8 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

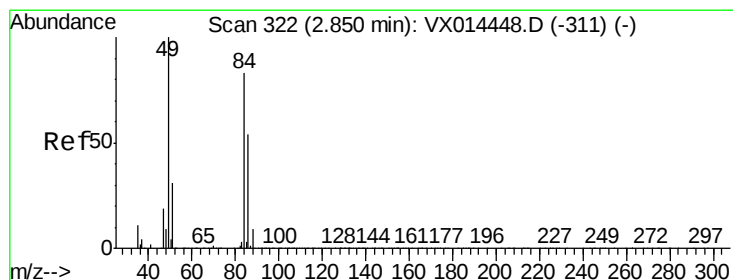
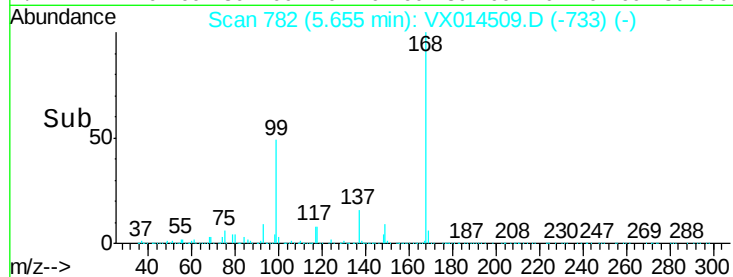
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 2.048 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014509.D

Acq: 09 Jan 2020 20:06

Tgt Ion: 84 Resp: 11698

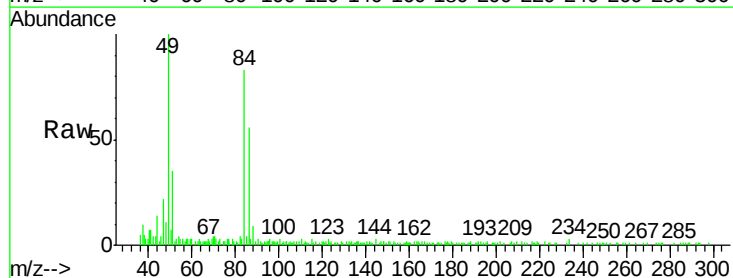
Ion Ratio Lower Upper

84 100

49 113.0 95.8 143.8

51 37.9 30.2 45.4

86 64.7 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

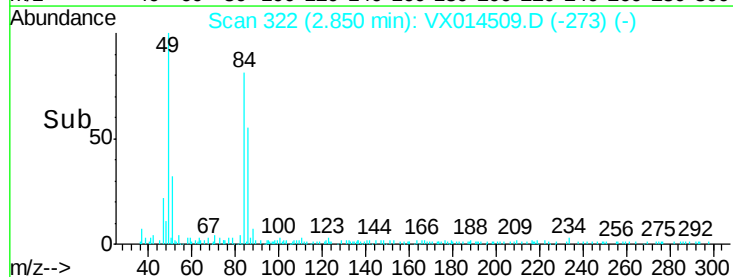
4000

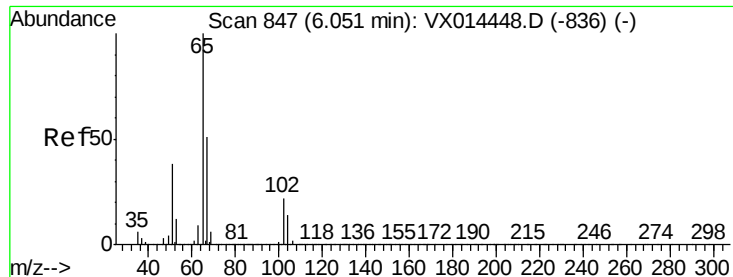
2000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 49.005 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014509.D

Acq: 09 Jan 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

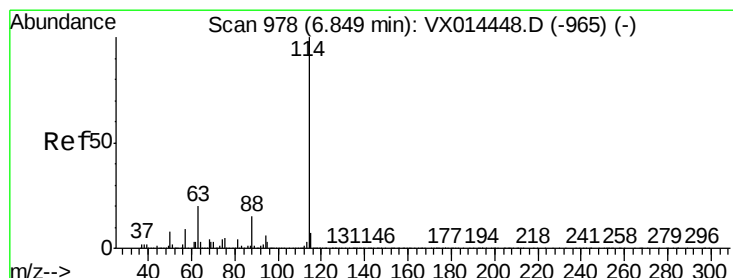
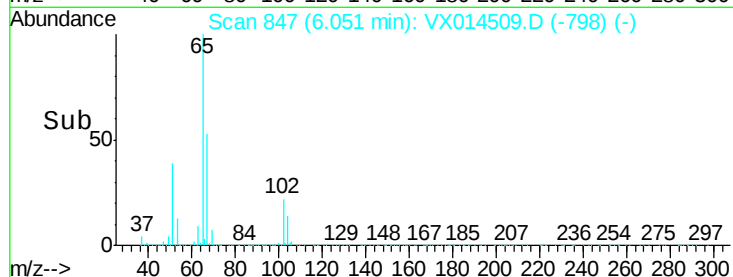
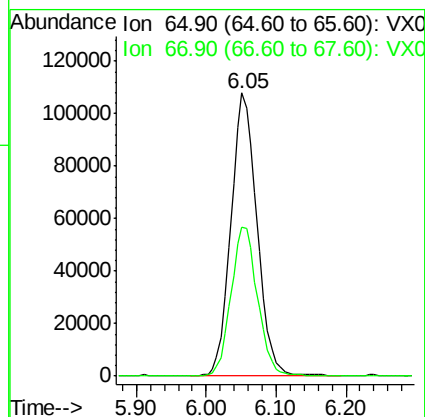
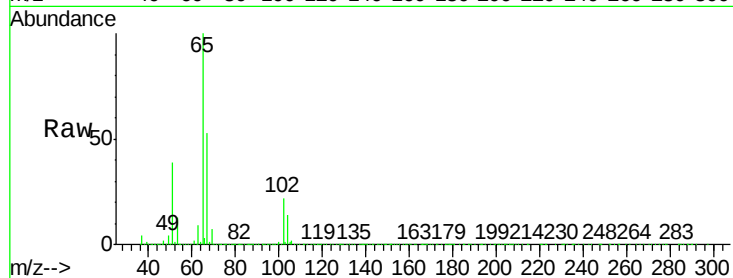
SB-04

Tot Ion: 65 Resp: 278267

Ion Ratio Lower Upper

65 100

67 53.6 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: VX014509.D

Acq: 09 Jan 2020 20:06

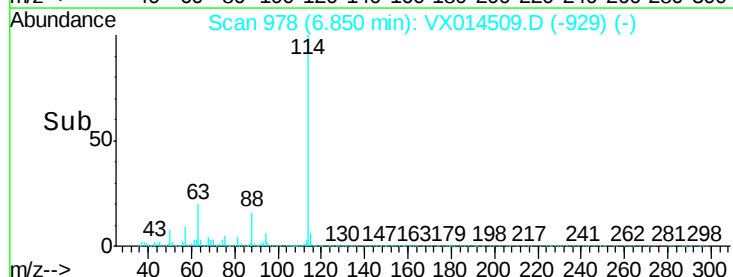
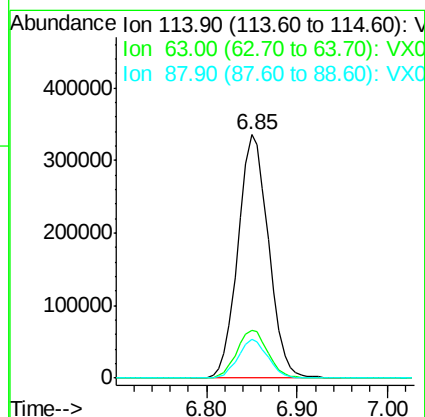
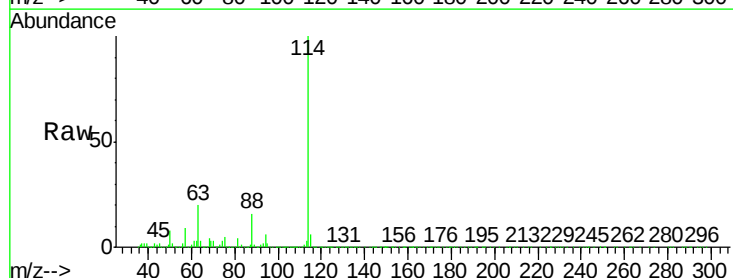
Tgt Ion: 114 Resp: 782504

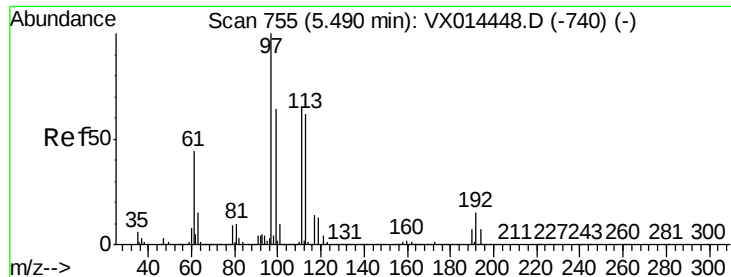
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.0 0.0 30.8

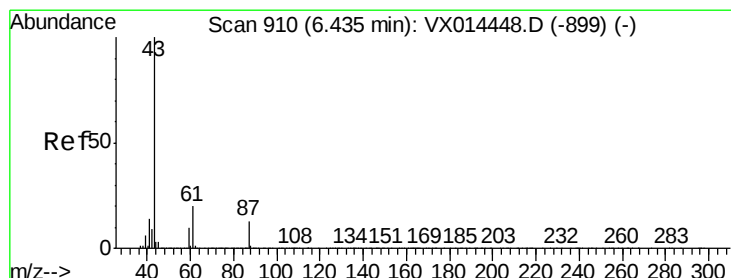
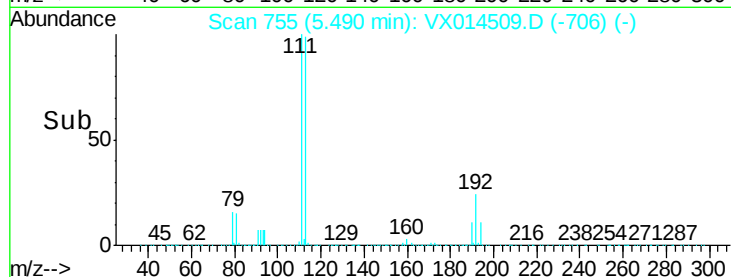
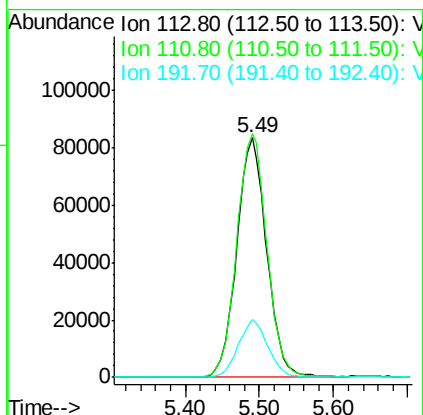
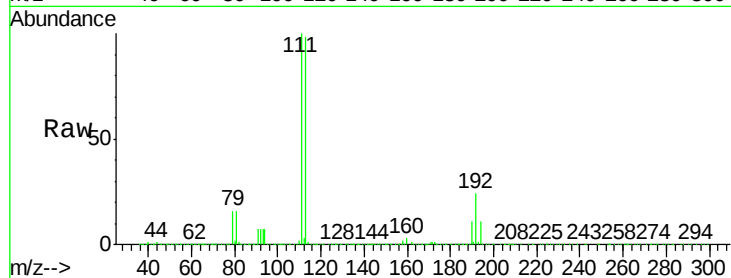




#35
 Dibromofluoromethane
 Concen: 49.585 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014509.D
 Acq: 09 Jan 2020 20:06

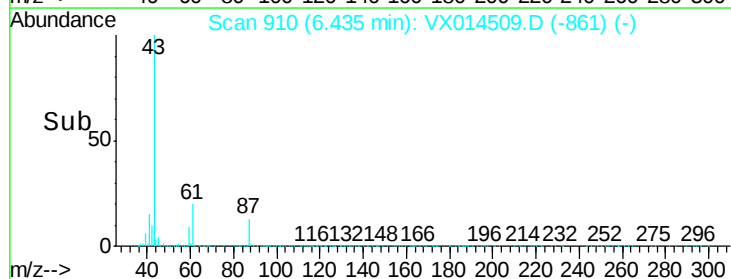
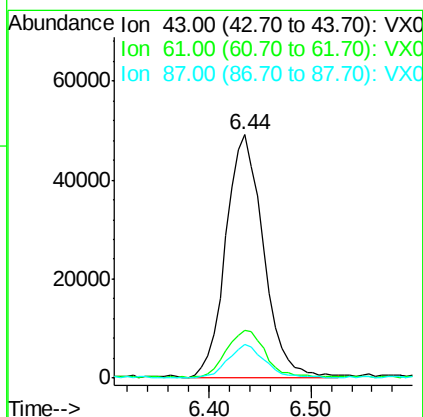
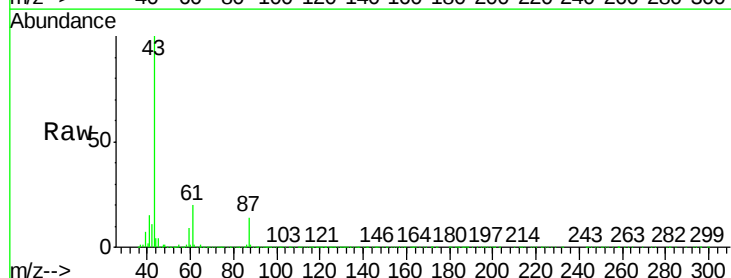
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04

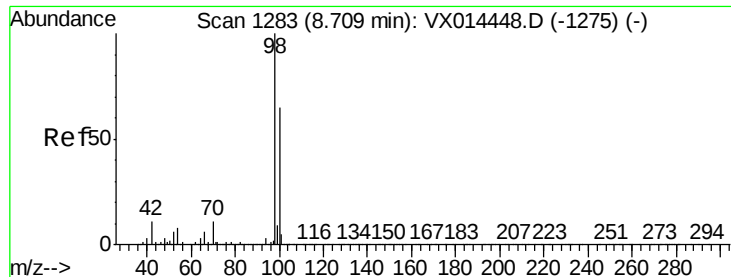
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	24.3	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 9.664 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014509.D
 Acq: 09 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	13.2	10.8	16.2





#50

Toluene-d8

Concen: 51.252 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014509.D

Acq: 09 Jan 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

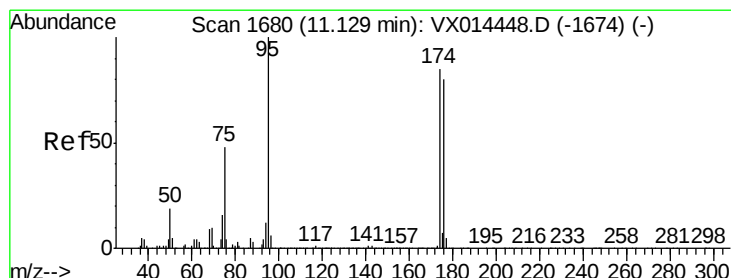
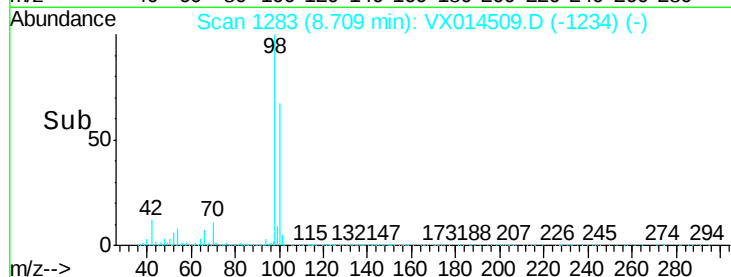
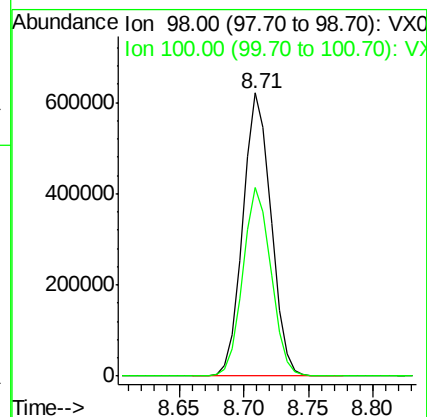
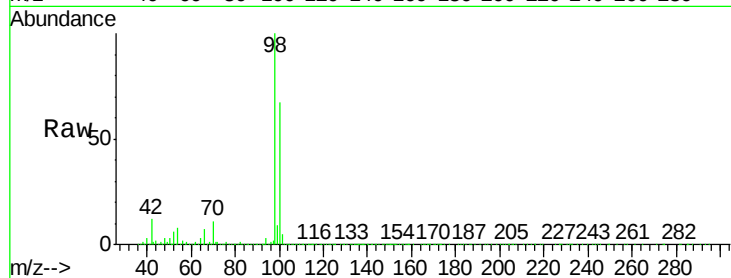
SB-04

Tot Ion: 98 Resp: 942124

Ion Ratio Lower Upper

98 100

100 66.4 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.875 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014509.D

Acq: 09 Jan 2020 20:06

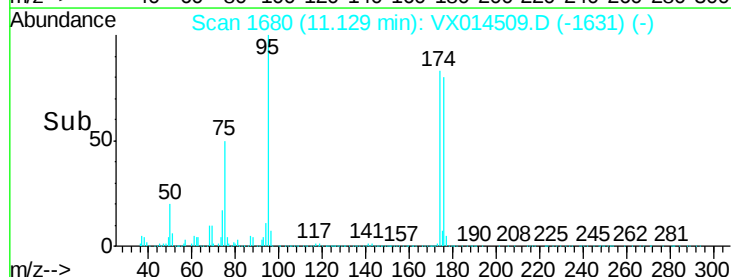
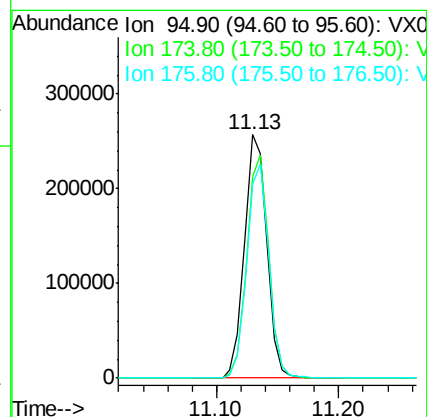
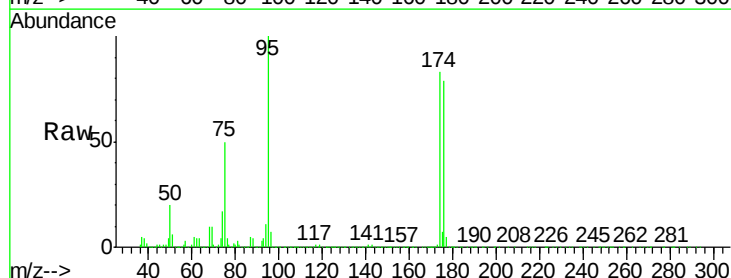
Tgt Ion: 95 Resp: 323071

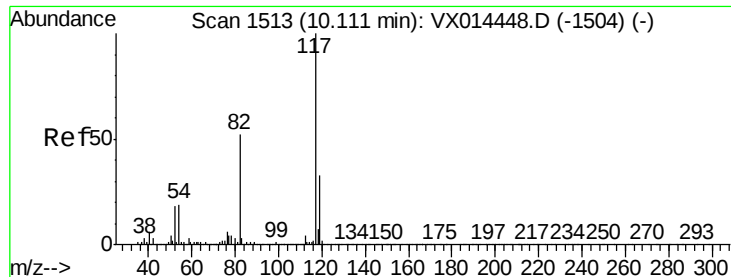
Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.8

176 86.9 0.0 172.8

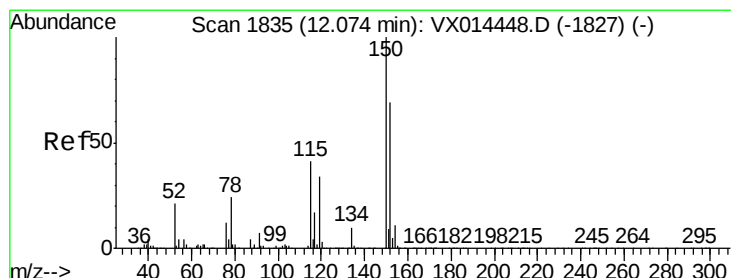
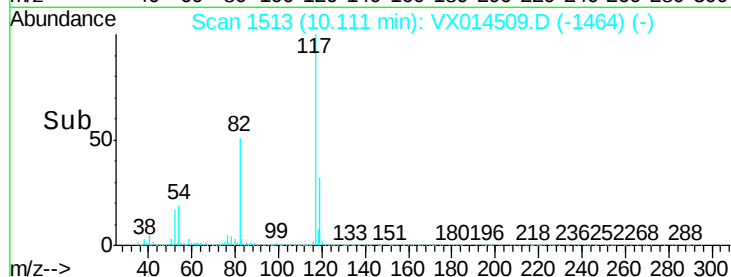
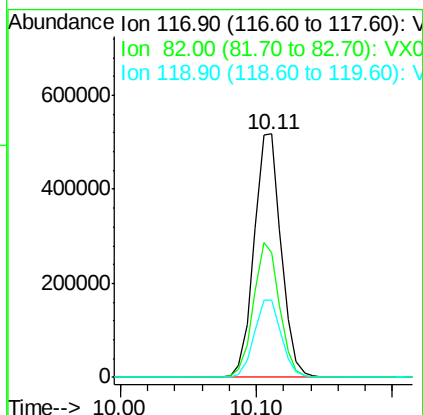
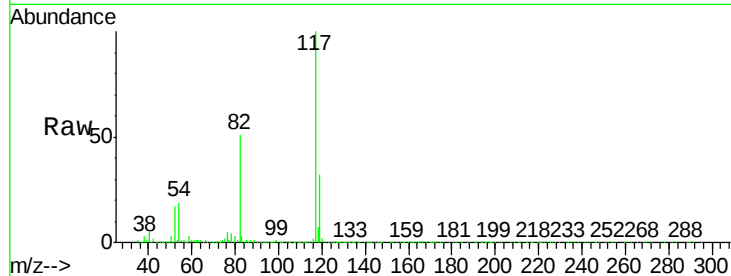




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014509.D
Acq: 09 Jan 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
SB-04

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.8	62.6
119	31.8	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: VX014509.D
Acq: 09 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.5	118.3
150	157.9	0.0	350.2

