

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014561.D
 Acq On : 11 Jan 2020 01:39
 Operator : JC/SP
 Sample : L1084-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AF-1

Quant Time: Jan 11 05:33:08 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

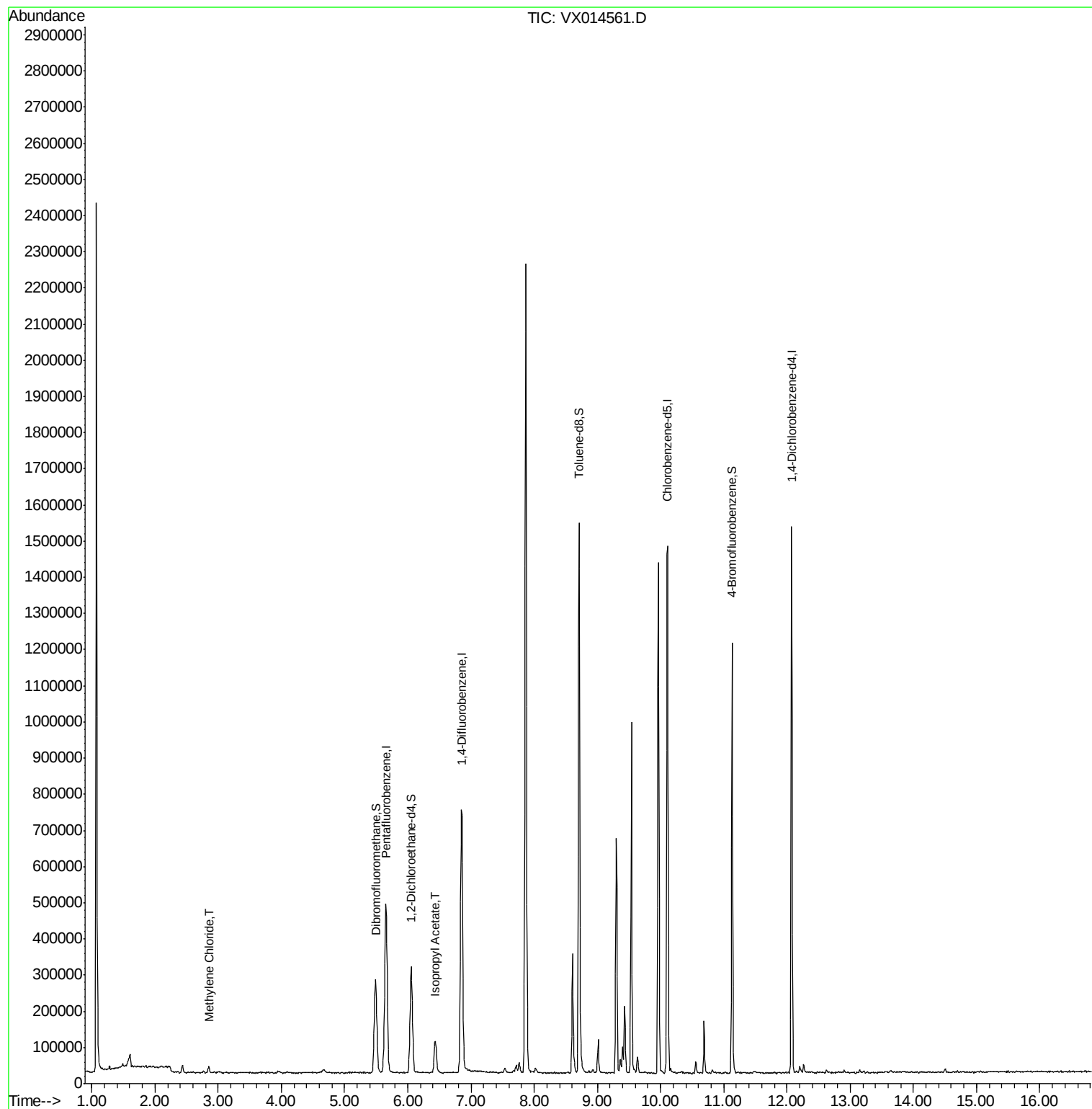
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	484508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	745534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	701582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	271826	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
35) Dibromofluoromethane	5.49	113	222851	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	8.71	98	908976	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.13	95	312199	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
20) Methylene Chloride	2.85	84	9221	1.695	ug/l	91
43) Isopropyl Acetate	6.43	43	126584	10.290	ug/l	98

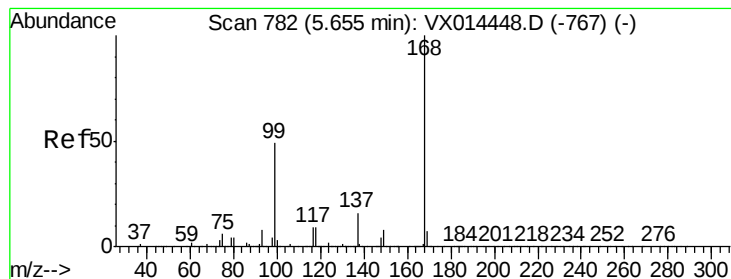
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014561.D

Acq: 11 Jan 2020 01:39

Instrument :

MSVOA_X

ClientSampleId :

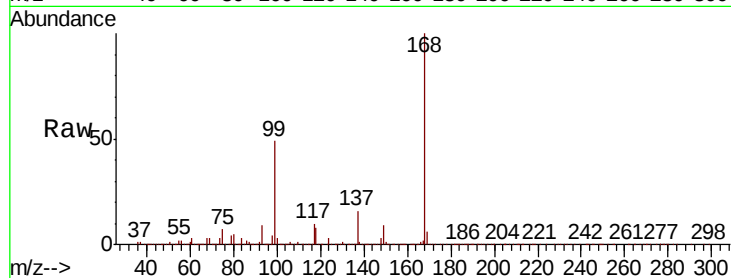
AF-1

Tot Ion:168 Resp: 484508

Ion Ratio Lower Upper

168 100

99 48.9 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

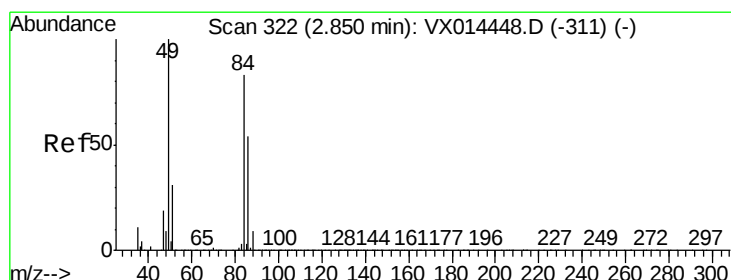
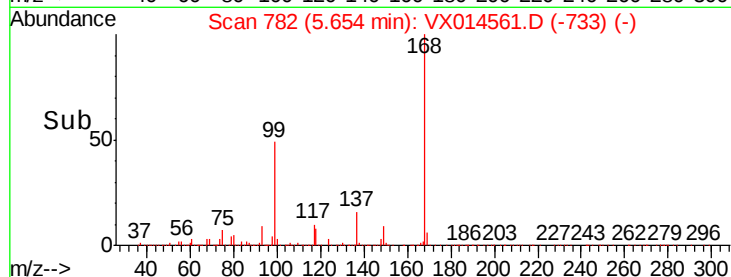
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.695 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014561.D

Acq: 11 Jan 2020 01:39

Tgt Ion: 84 Resp: 9221

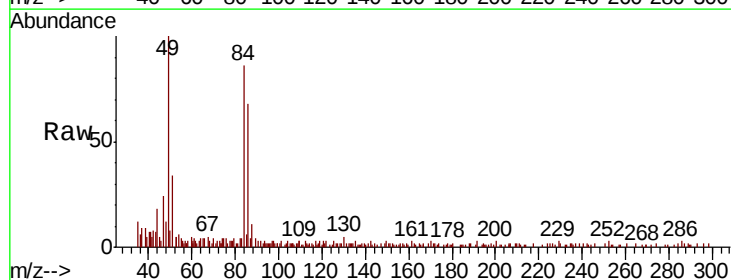
Ion Ratio Lower Upper

84 100

49 110.8 95.8 143.8

51 35.7 30.2 45.4

86 76.9 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

8000

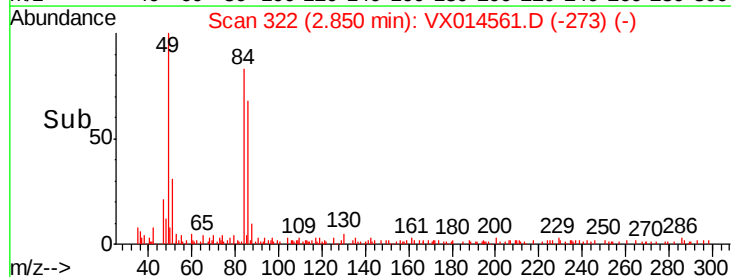
6000

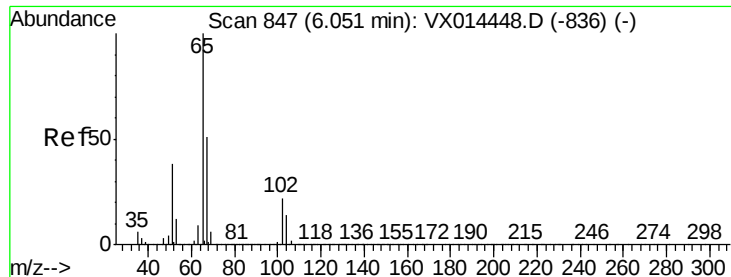
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.257 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014561.D

Acq: 11 Jan 2020 01:39

Instrument :

MSVOA_X

ClientSampleId :

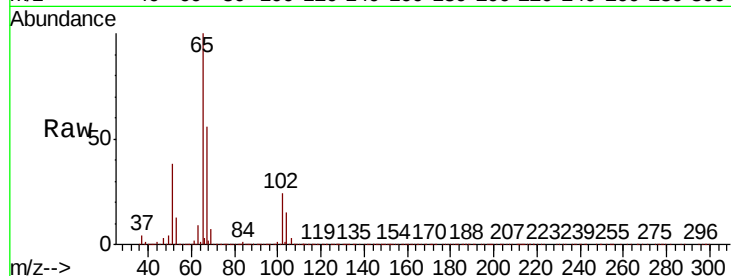
AF-1

Tot Ion: 65 Resp: 271826

Ion Ratio Lower Upper

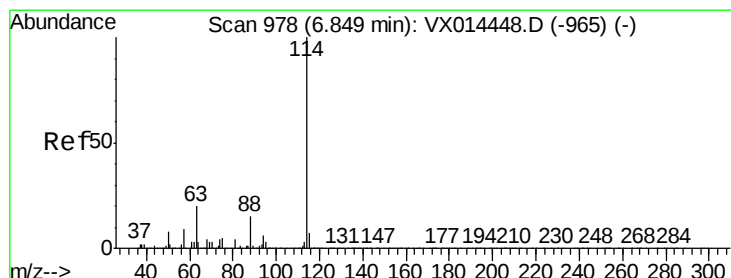
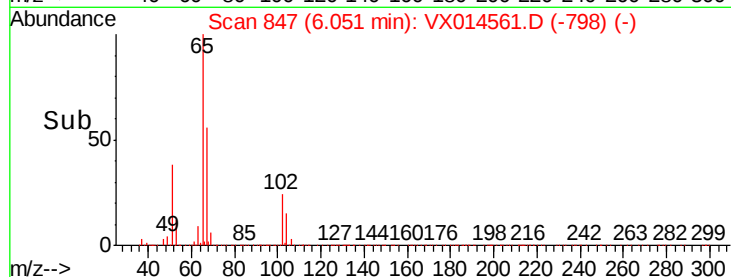
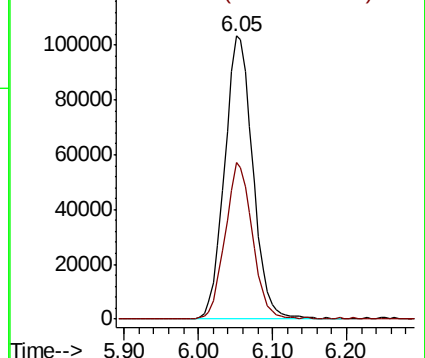
65 100

67 53.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014561.D

Acq: 11 Jan 2020 01:39

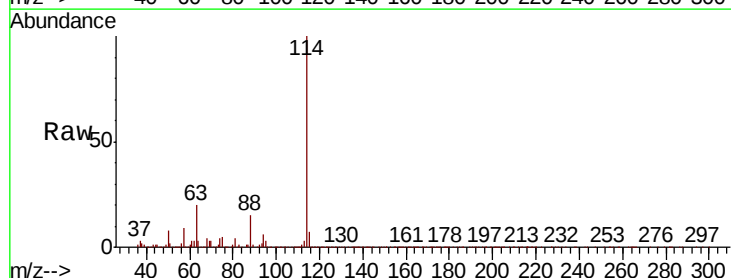
Tgt Ion: 114 Resp: 745534

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

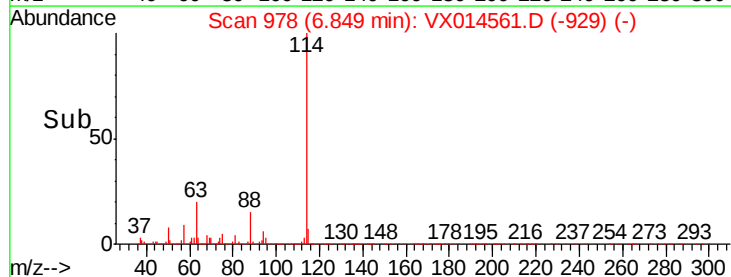
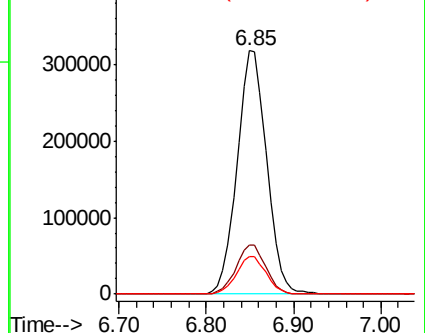
88 15.3 0.0 30.8

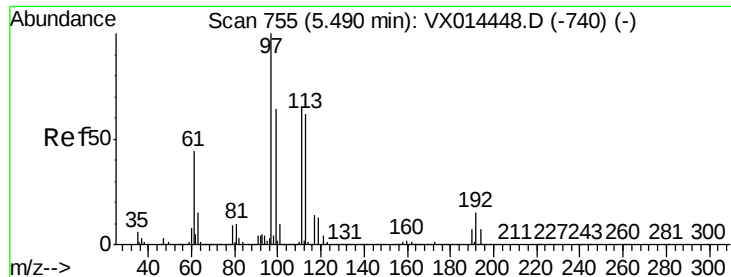


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.379 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014561.D

Acq: 11 Jan 2020 01:39

Instrument :

MSVOA_X

ClientSampleId :

AF-1

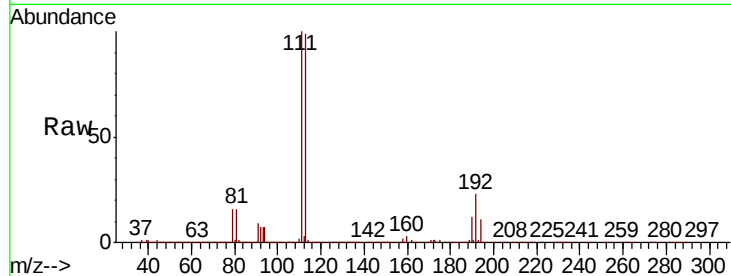
Tot Ion:113 Resp: 222851

Ion Ratio Lower Upper

113 100

111 103.5 81.5 122.3

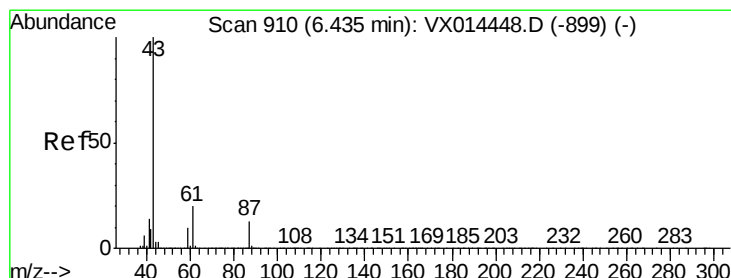
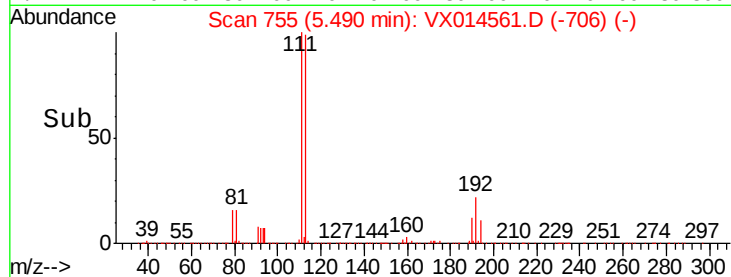
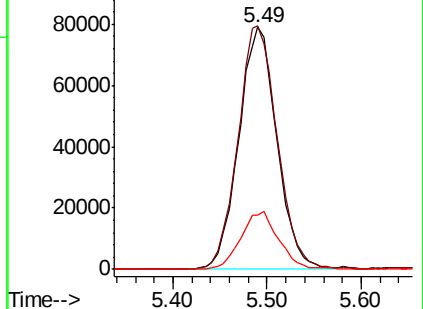
192 24.0 19.2 28.8



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: 10.290 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014561.D

Acq: 11 Jan 2020 01:39

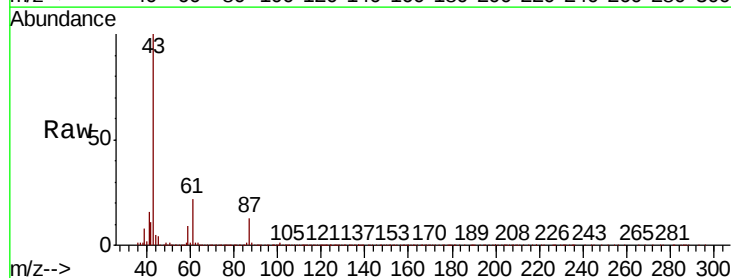
Tgt Ion: 43 Resp: 126584

Ion Ratio Lower Upper

43 100

61 19.8 16.6 24.8

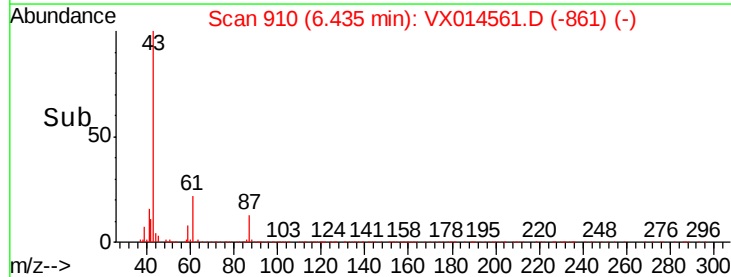
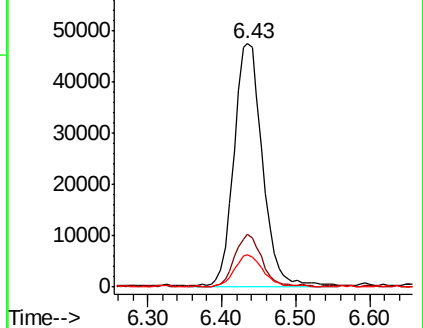
87 14.0 10.8 16.2

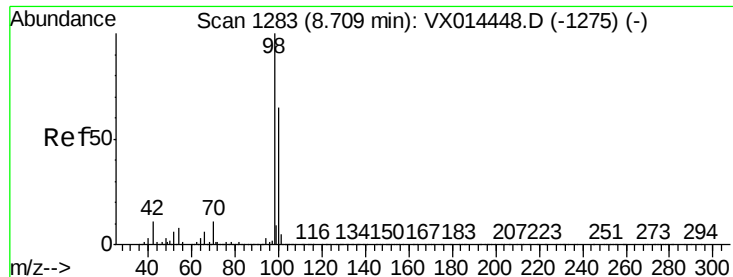


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

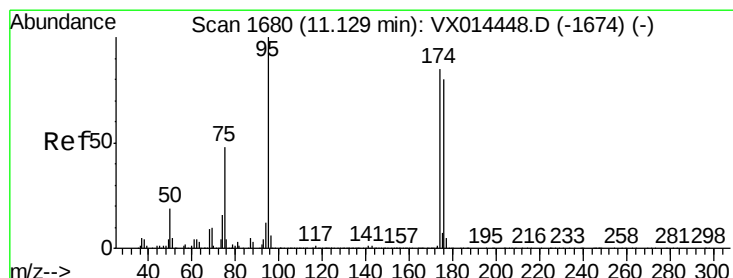
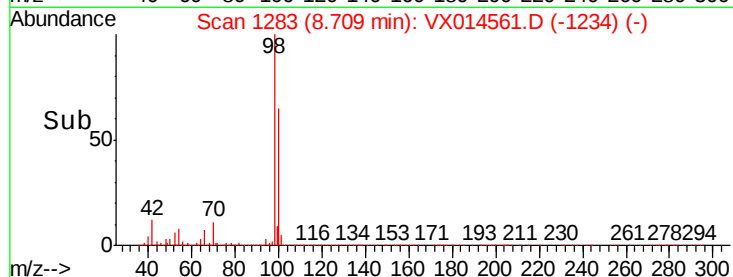
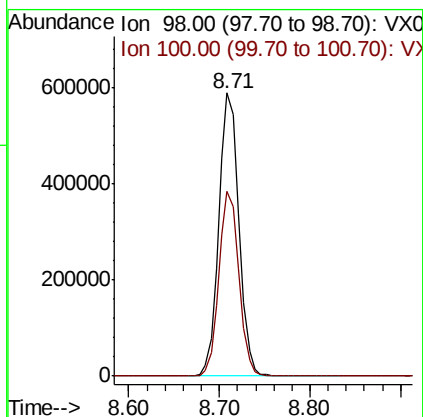
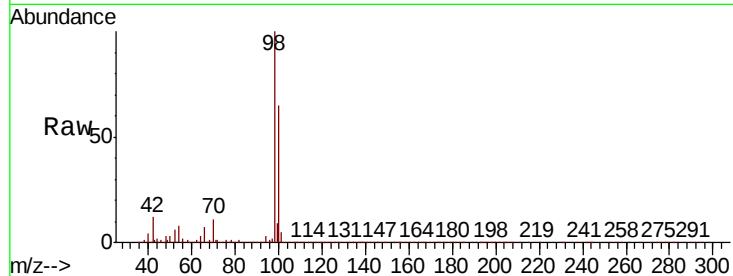




#50
Toluene-d8
Concen: 51.901 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014561.D
Acq: 11 Jan 2020 01:39

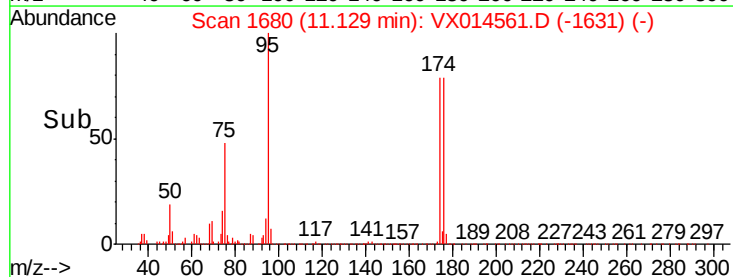
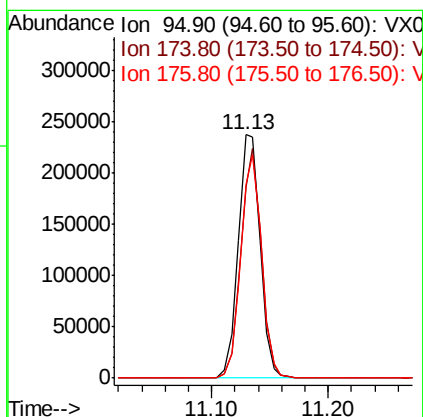
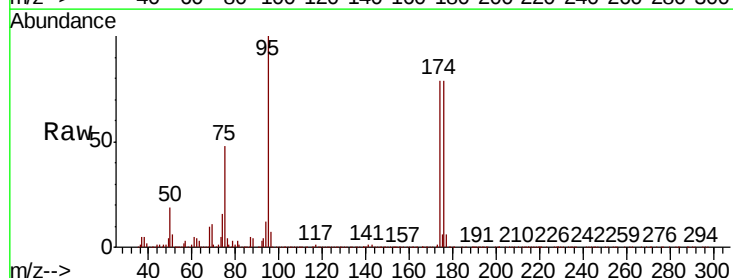
Instrument :
MSVOA_X
ClientSampleId :
AF-1

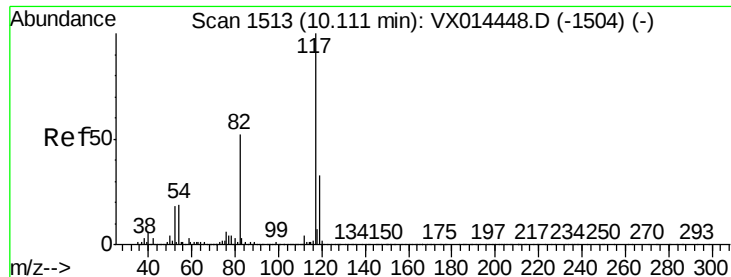
Tot Ion: 98 Resp: 908976
Ion Ratio Lower Upper
98 100
100 65.0 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.558 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014561.D
Acq: 11 Jan 2020 01:39

Tgt Ion: 95 Resp: 312199
Ion Ratio Lower Upper
95 100
174 88.1 0.0 180.8
176 87.1 0.0 172.8

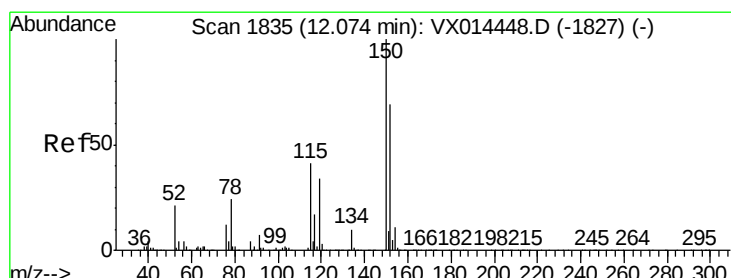
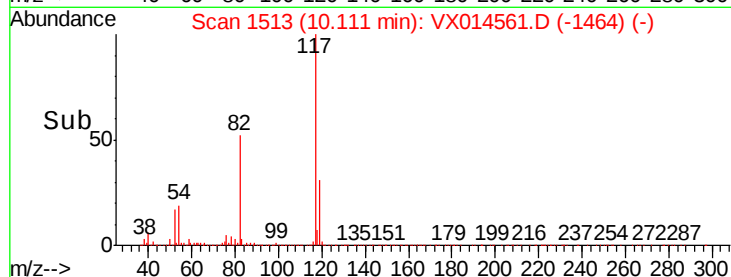
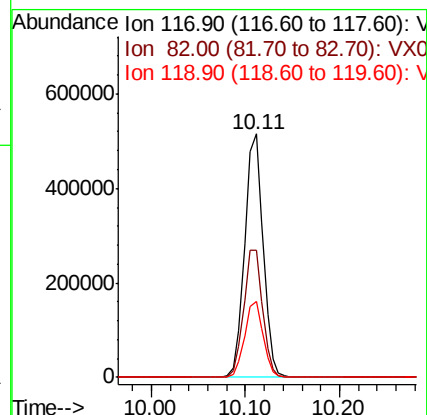
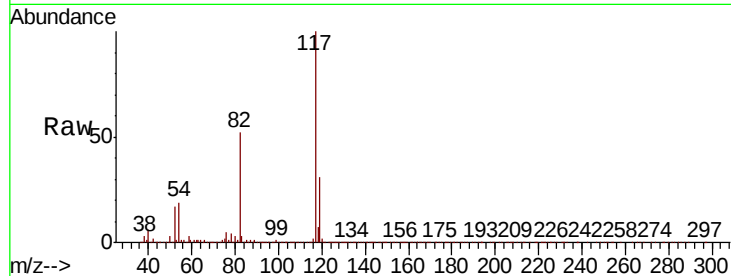




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014561.D
Acq: 11 Jan 2020 01:39

Instrument :
MSVOA_X
ClientSampleId :
AF-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.8	62.6
119	31.3	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: VX014561.D
Acq: 11 Jan 2020 01:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.5	118.3
150	157.9	0.0	350.2

