

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014555.D
 Acq On : 10 Jan 2020 23:20
 Operator : JC/SP
 Sample : PB125993TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125993TB

Quant Time: Jan 11 00:50:49 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

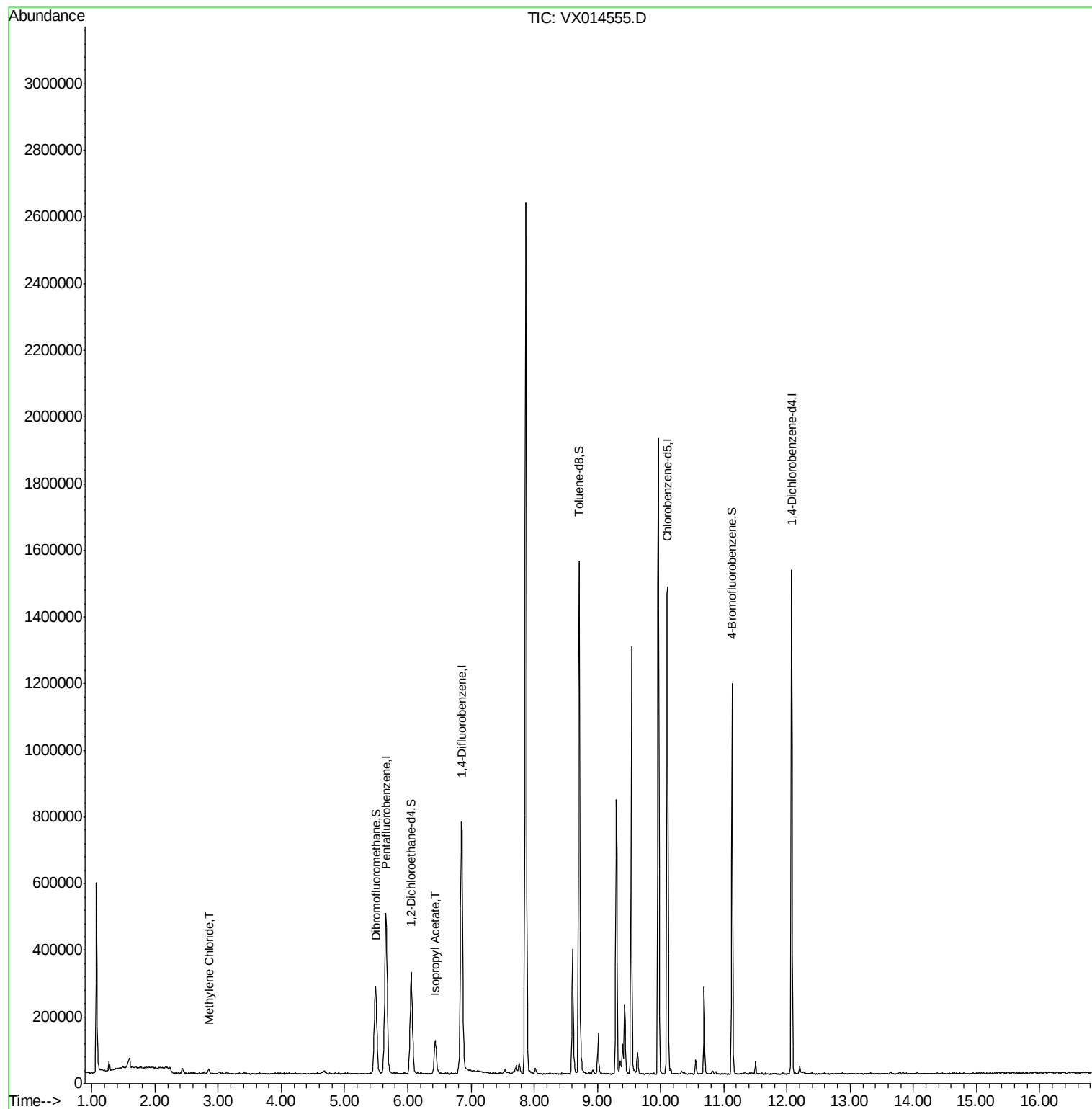
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	493720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	767861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	689772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	276852	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
35) Dibromofluoromethane	5.49	113	228344	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	918311	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	311808	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
Target Compounds						
20) Methylene Chloride	2.85	84	7231	1.304	ug/l #	90
43) Isopropyl Acetate	6.43	43	135688	10.709	ug/l	99

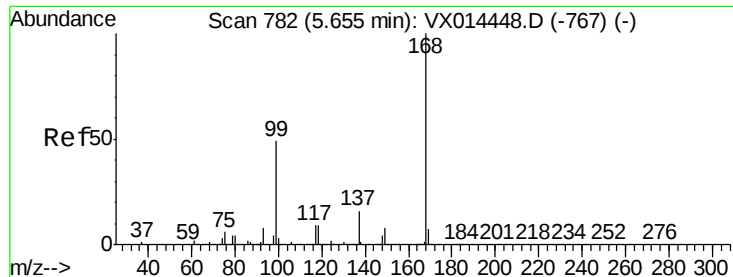
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014555.D

Acq: 10 Jan 2020 23:20

Instrument :

MSVOA_X

ClientSampleId :

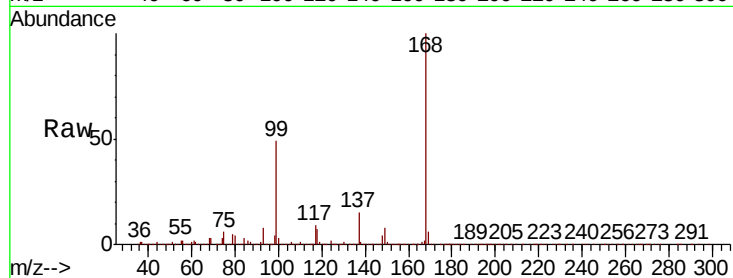
PB125993TB

Tot Ion:168 Resp: 493720

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

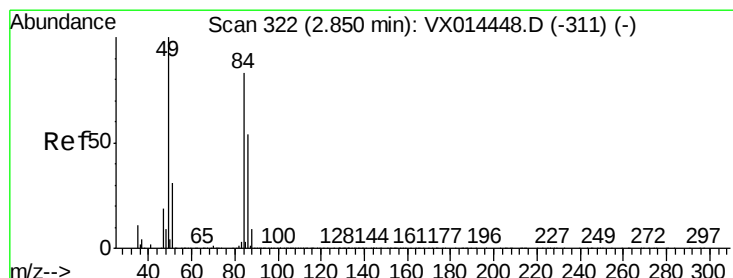
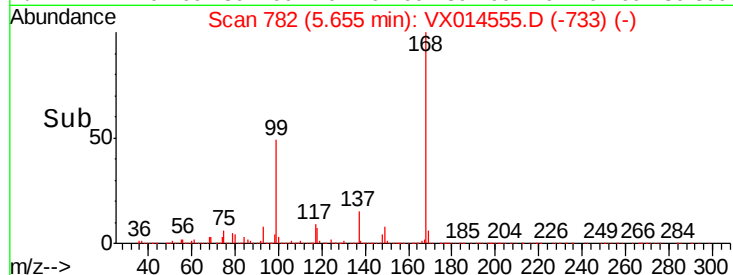
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.304 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014555.D

Acq: 10 Jan 2020 23:20

Tgt Ion: 84 Resp: 7231

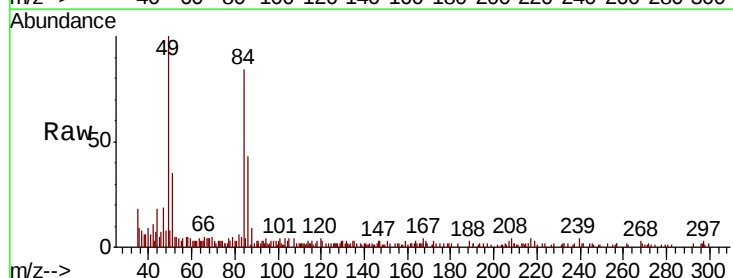
Ion Ratio Lower Upper

84 100

49 114.2 95.8 143.8

51 35.5 30.2 45.4

86 48.1 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

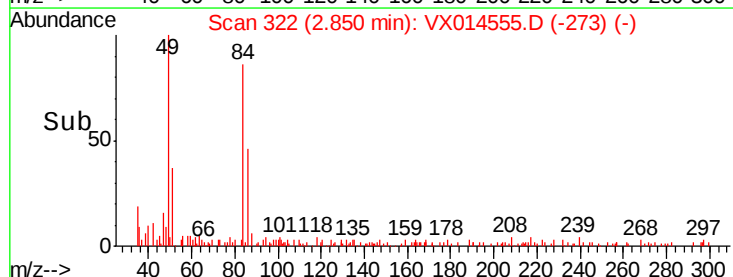
6000

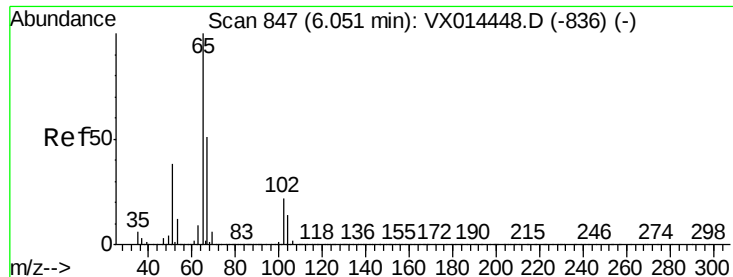
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.231 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014555.D

Acq: 10 Jan 2020 23:20

Instrument :

MSVOA_X

ClientSampleId :

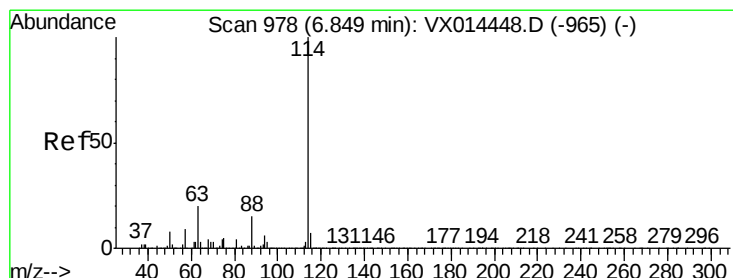
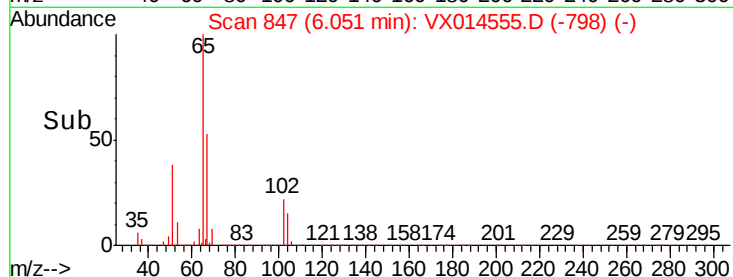
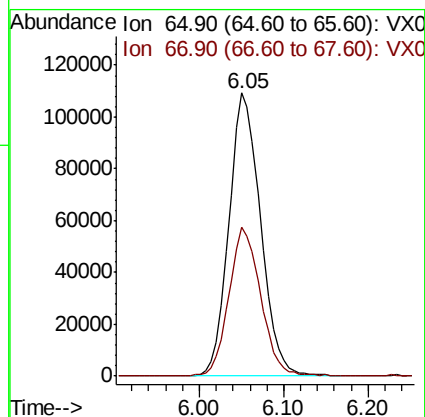
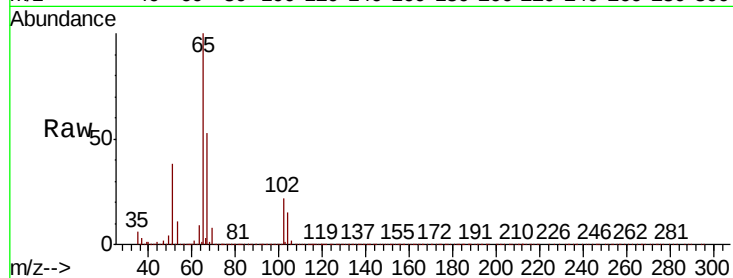
PB125993TB

Tot Ion: 65 Resp: 276852

Ion Ratio Lower Upper

65 100

67 52.8 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: VX014555.D

Acq: 10 Jan 2020 23:20

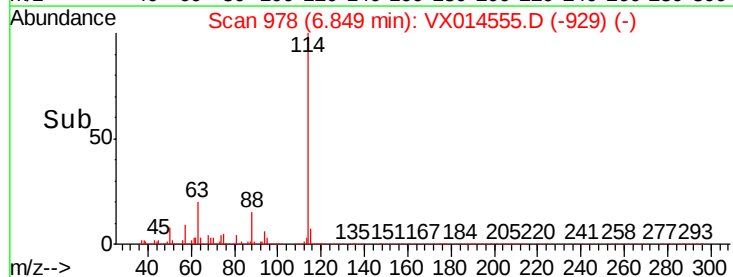
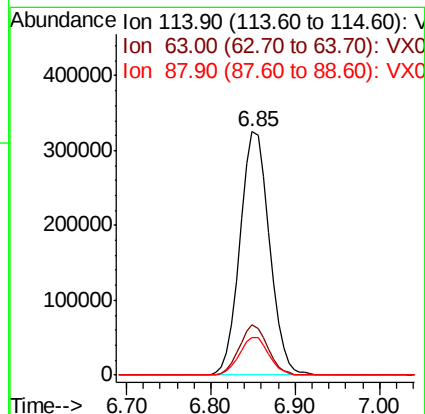
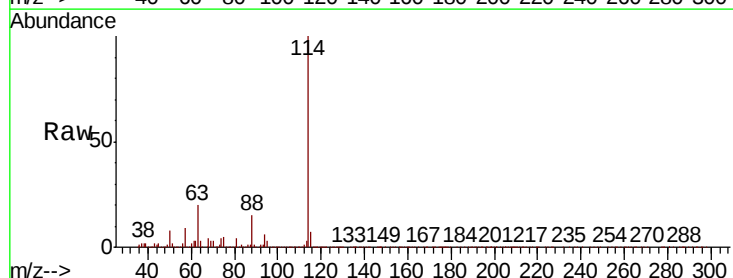
Tgt Ion: 114 Resp: 767861

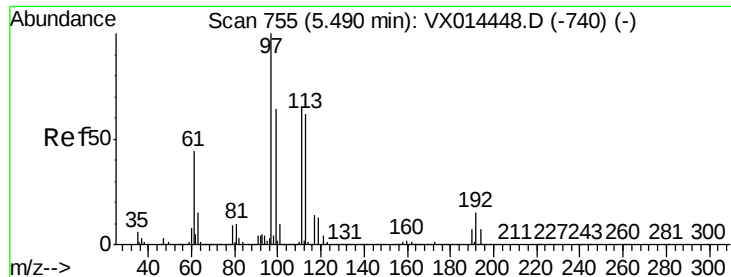
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.125 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014555.D

Acq: 10 Jan 2020 23:20

Instrument :

MSVOA_X

ClientSampleId :

PB125993TB

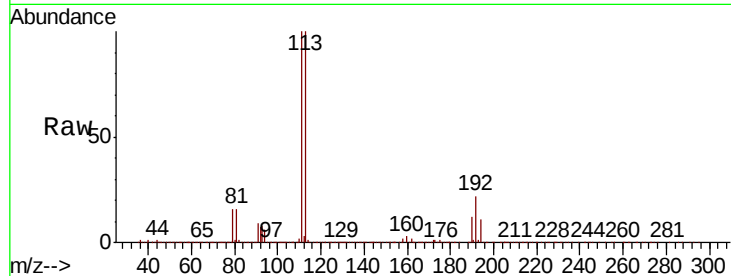
Tot Ion:113 Resp: 228344

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

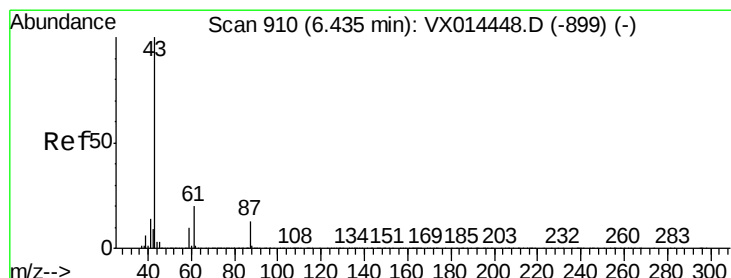
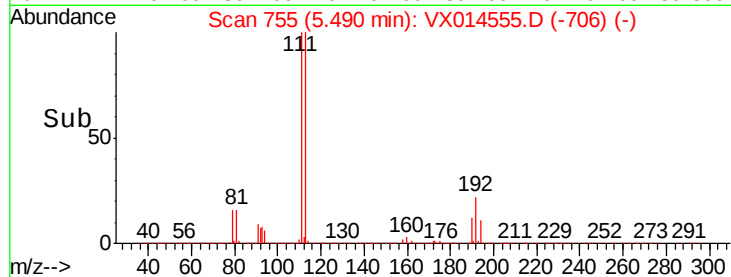
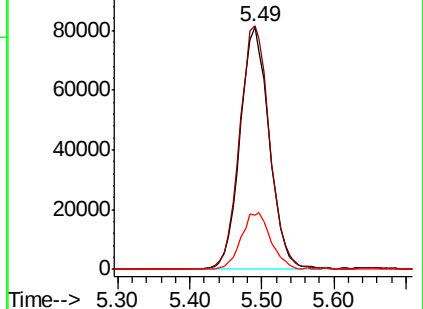
192 23.8 19.2 28.8



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: 10.709 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014555.D

Acq: 10 Jan 2020 23:20

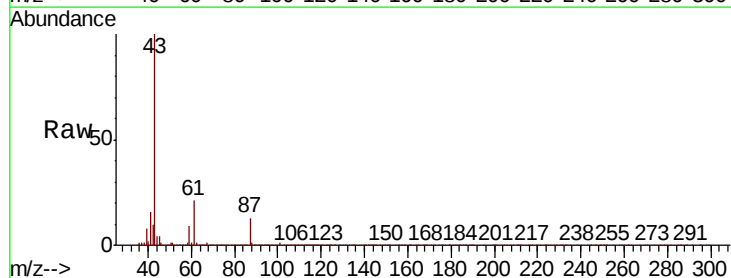
Tgt Ion: 43 Resp: 135688

Ion Ratio Lower Upper

43 100

61 21.4 16.6 24.8

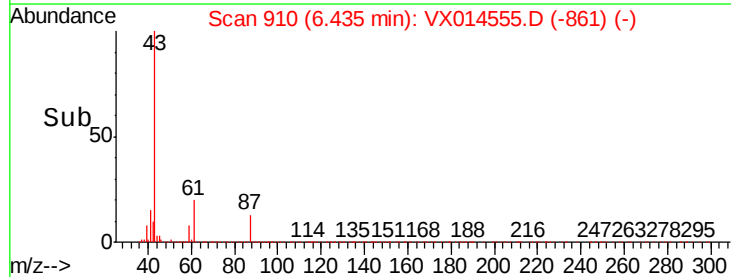
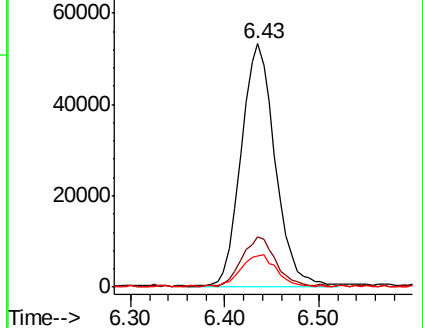
87 13.5 10.8 16.2

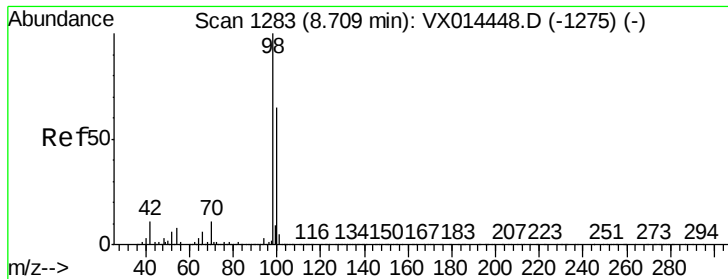


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.910 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014555.D

Acq: 10 Jan 2020 23:20

Instrument :

MSVOA_X

ClientSampleId :

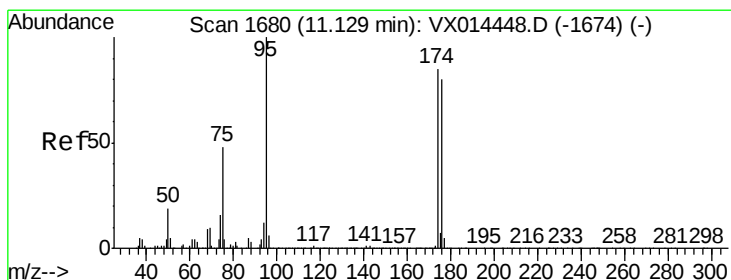
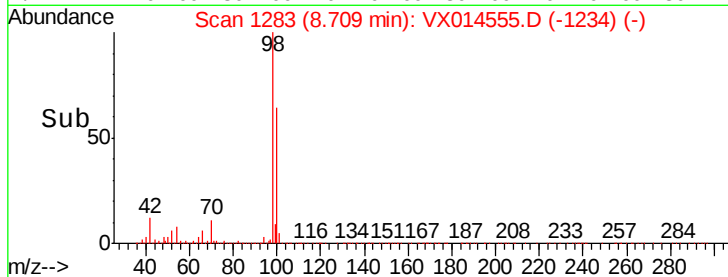
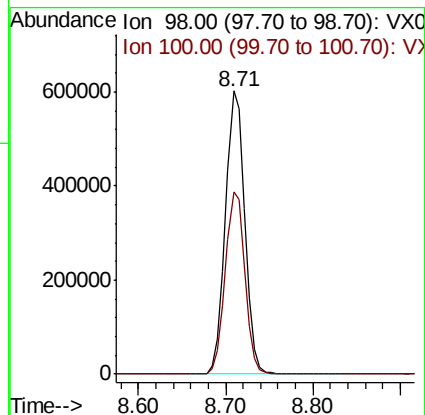
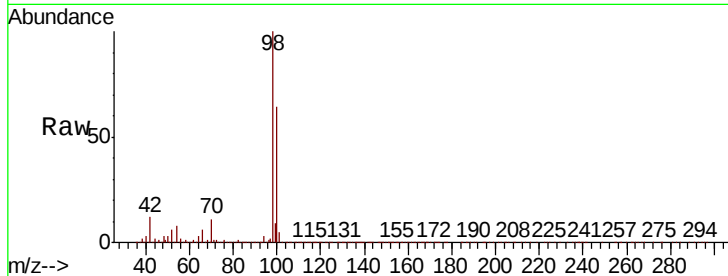
PB125993TB

Tot Ion: 98 Resp: 918311

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.087 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014555.D

Acq: 10 Jan 2020 23:20

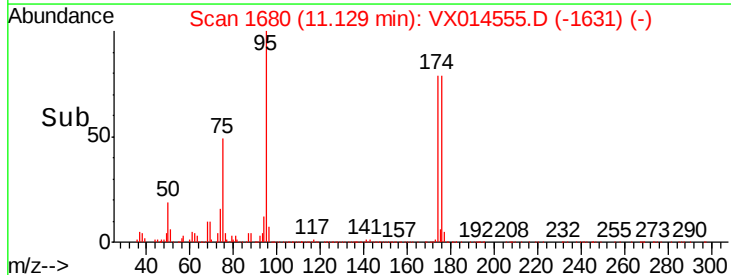
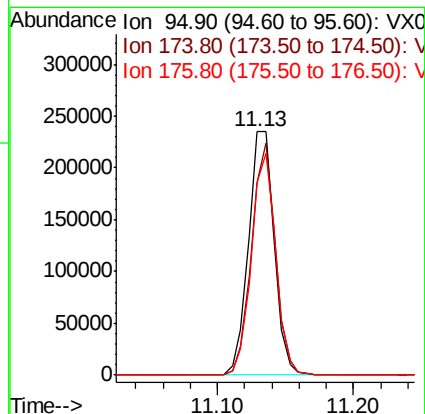
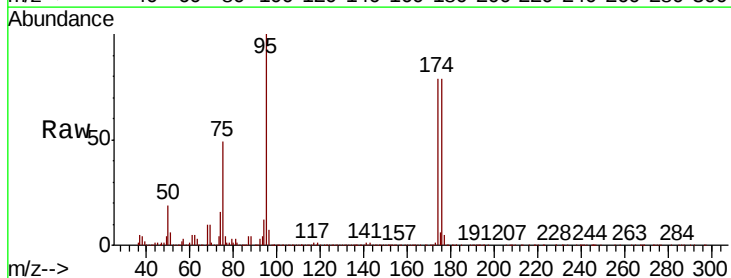
Tgt Ion: 95 Resp: 311808

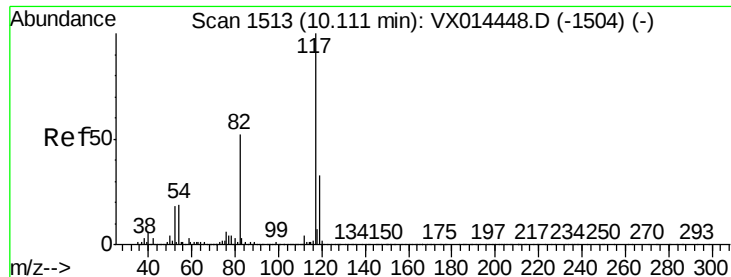
Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.8

176 86.5 0.0 172.8

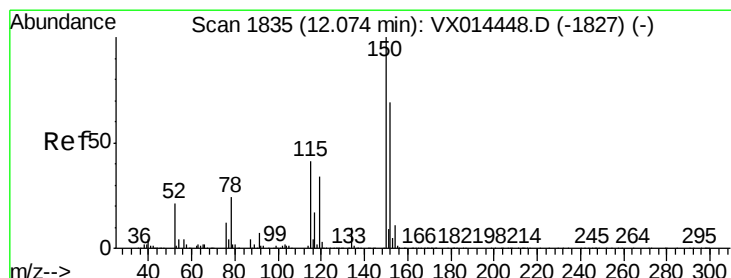
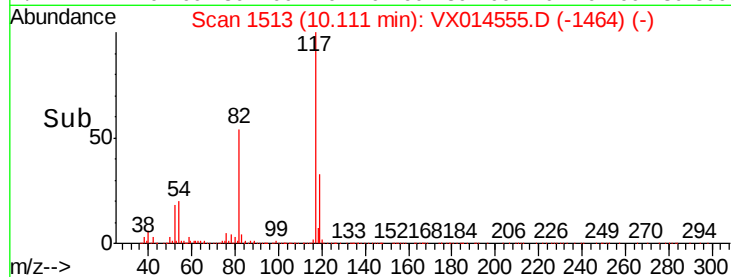
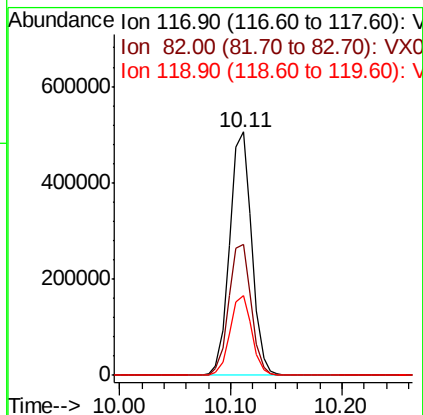
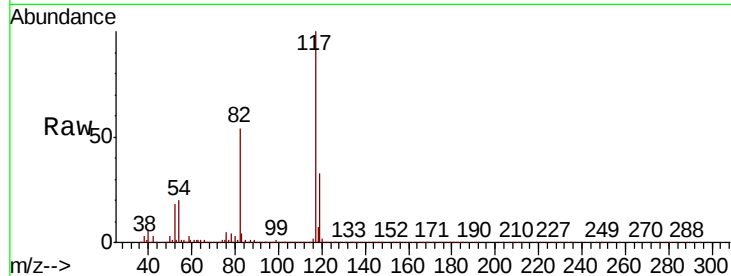




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014555.D
Acq: 10 Jan 2020 23:20

Instrument :
MSVOA_X
ClientSampleId :
PB125993TB

Tot Ion:117 Resp: 689772
Ion Ratio Lower Upper
117 100
82 53.6 41.8 62.6
119 32.7 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: VX014555.D
Acq: 10 Jan 2020 23:20

Tgt Ion:152 Resp: 314365
Ion Ratio Lower Upper
152 100
115 53.9 39.5 118.3
150 154.9 0.0 350.2

