

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014568.D
 Acq On : 11 Jan 2020 04:22
 Operator : JC/SP
 Sample : PB125993ZHE#14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125993ZHE#14

Quant Time: Jan 11 05:56:55 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

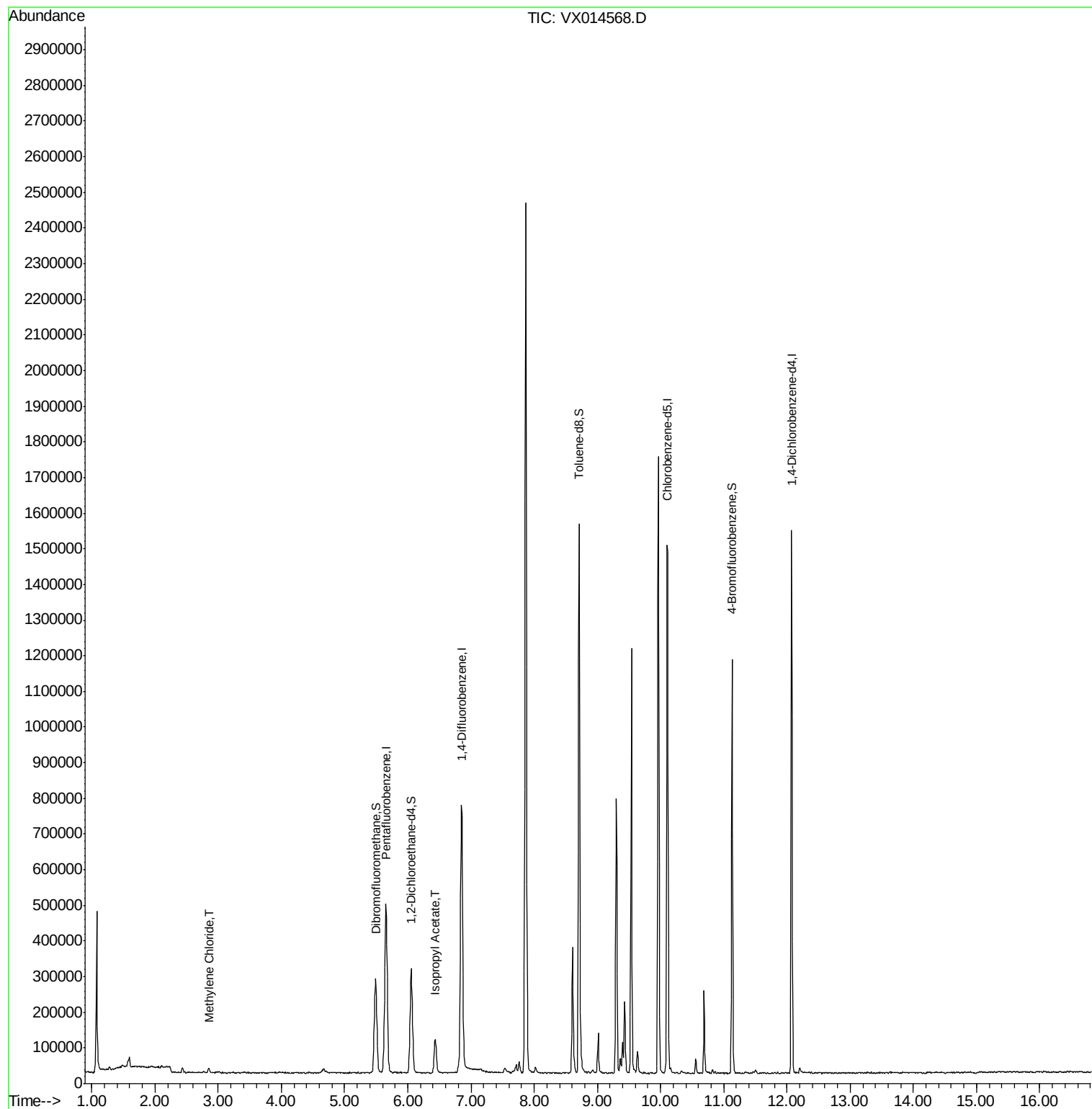
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	487984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	764639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	700809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	271927	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
35) Dibromofluoromethane	5.49	113	227221	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	8.71	98	912183	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	314667	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
Target Compounds						
20) Methylene Chloride	2.85	84	6816	1.244	ug/l	93
43) Isopropyl Acetate	6.43	43	131906	10.454	ug/l	99

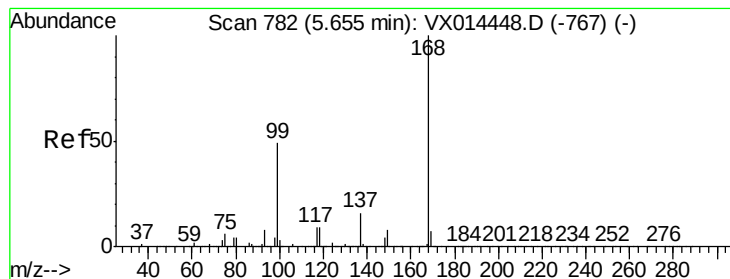
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014568.D

Acq: 11 Jan 2020 04:22

Instrument :

MSVOA_X

ClientSampleId :

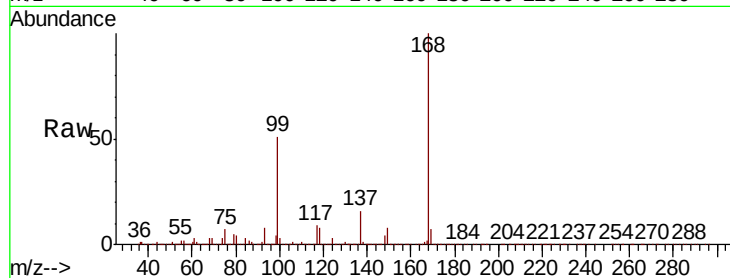
PB125993ZHE#14

Tot Ion:168 Resp: 487984

Ion Ratio Lower Upper

168 100

99 51.2 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

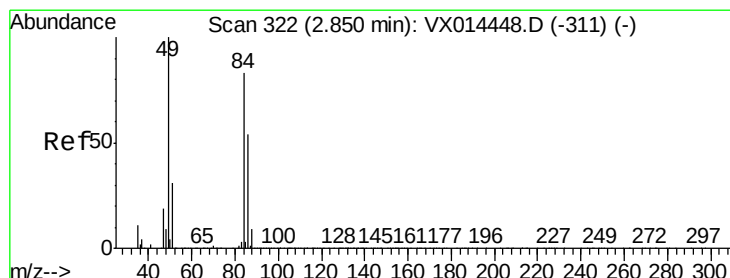
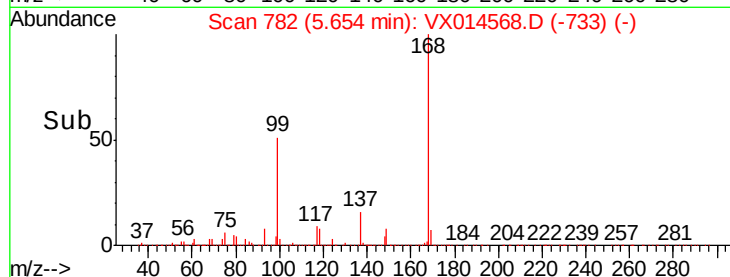
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.244 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014568.D

Acq: 11 Jan 2020 04:22

Tgt Ion: 84 Resp: 6816

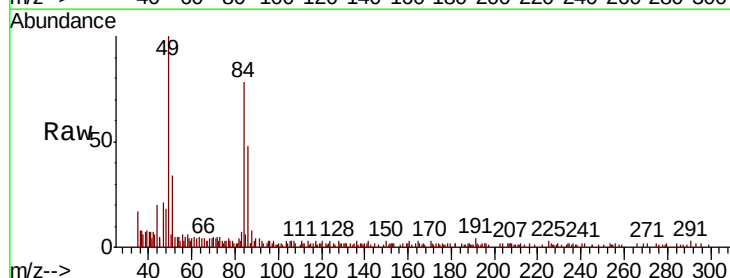
Ion Ratio Lower Upper

84 100

49 130.5 95.8 143.8

51 41.0 30.2 45.4

86 61.3 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

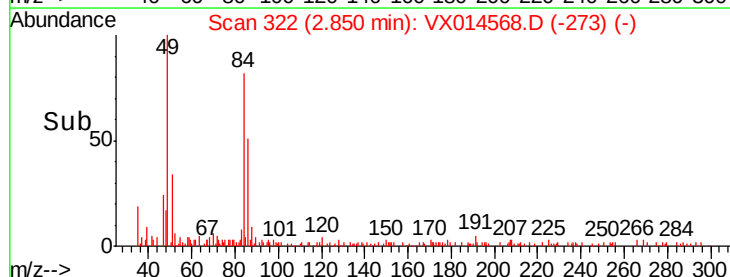
6000

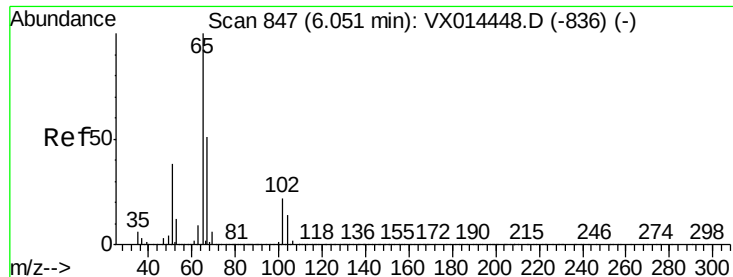
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.917 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014568.D

Acq: 11 Jan 2020 04:22

Instrument :

MSVOA_X

ClientSampleId :

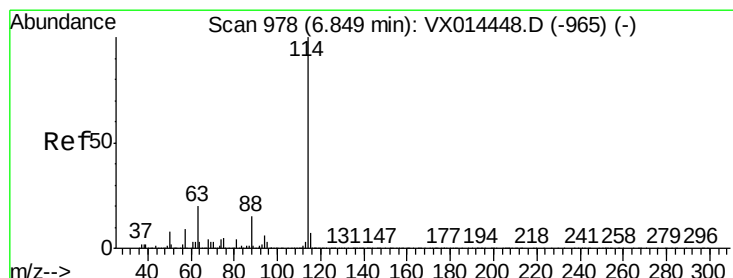
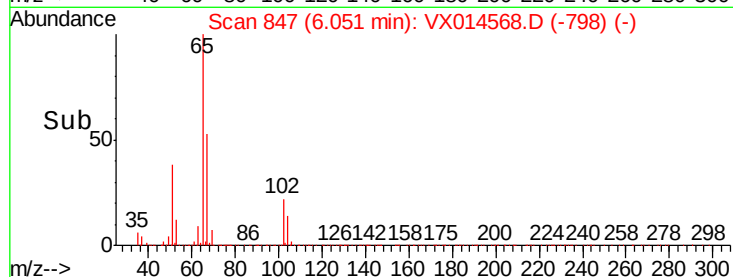
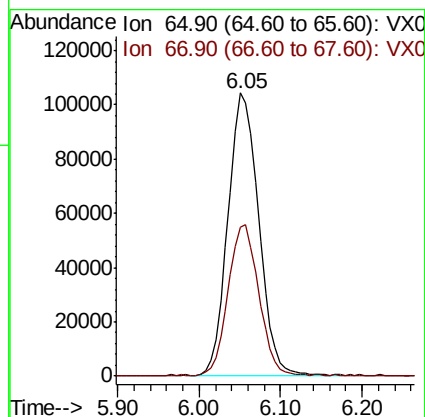
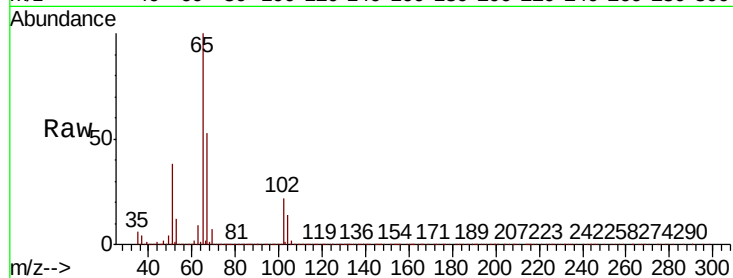
PB125993ZHE#14

Tot Ion: 65 Resp: 271927

Ion Ratio Lower Upper

65 100

67 53.0 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: VX014568.D

Acq: 11 Jan 2020 04:22

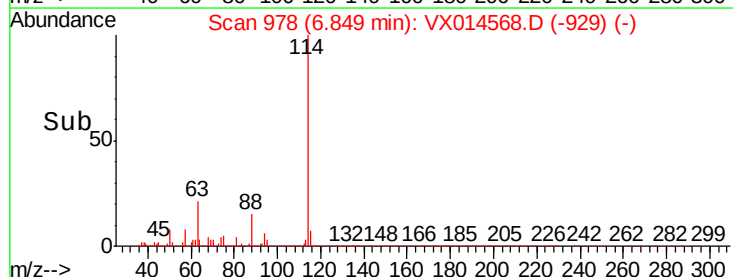
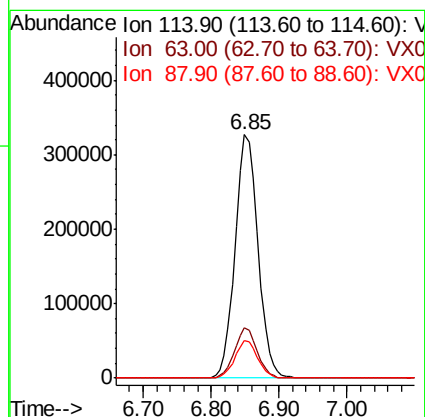
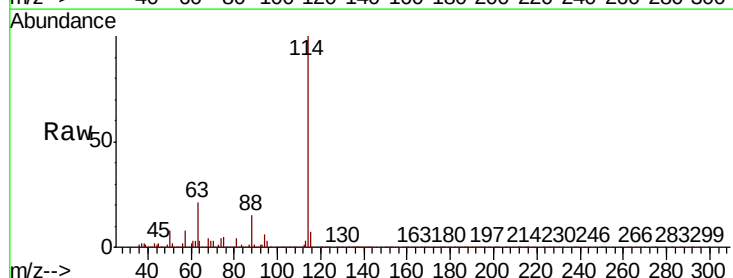
Tgt Ion: 114 Resp: 764639

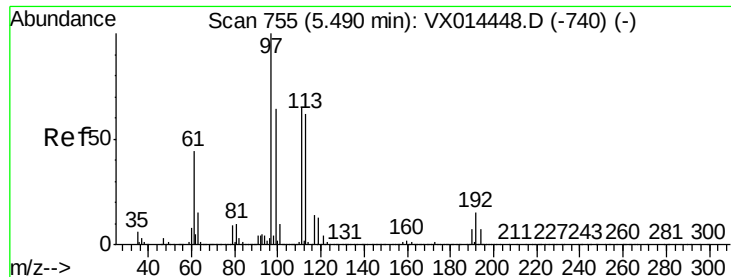
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 15.4 0.0 30.8

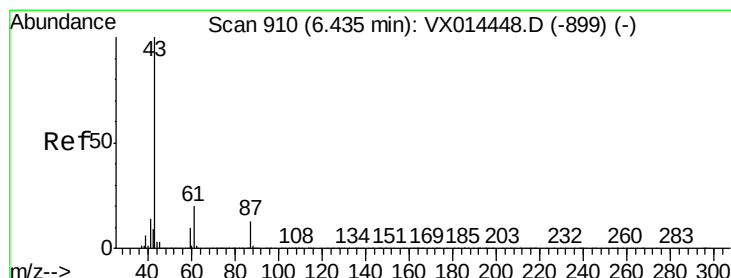
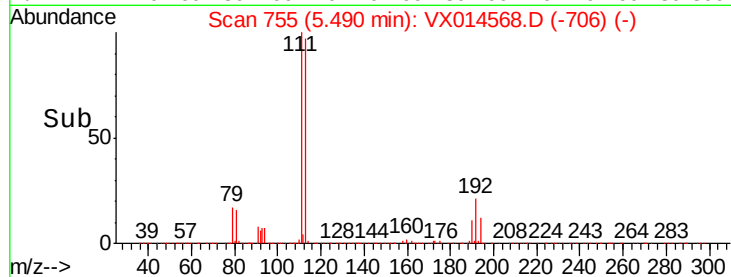
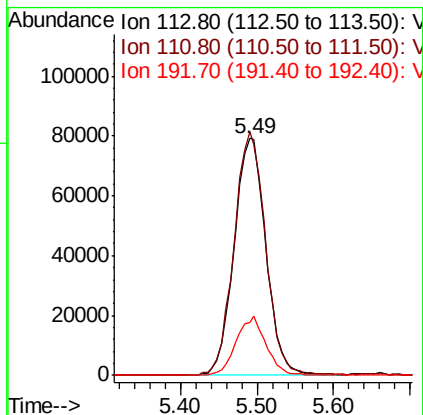
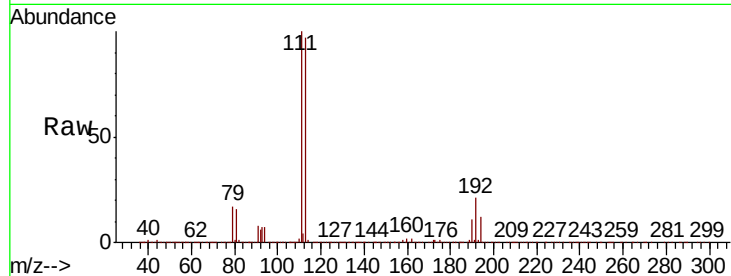




#35
 Dibromofluoromethane
 Concen: 49.090 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014568.D
 Acq: 11 Jan 2020 04:22

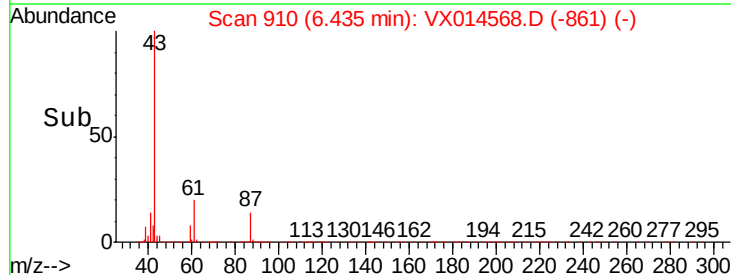
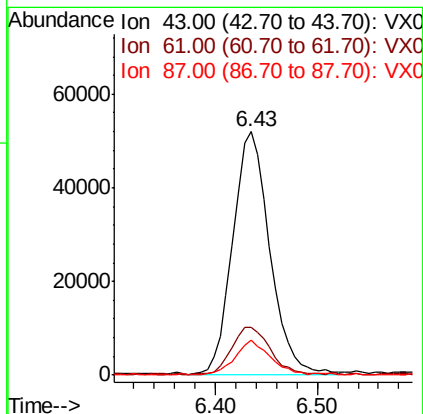
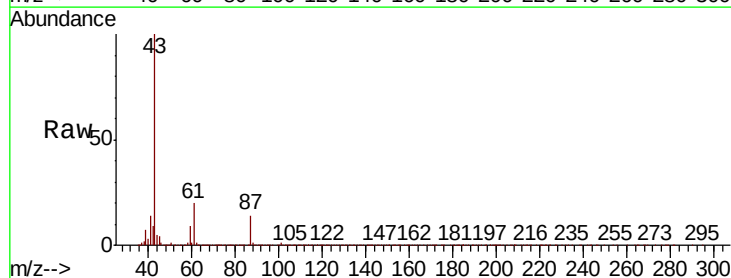
Instrument :
 MSVOA_X
 ClientSampleId :
 PB125993ZHE#14

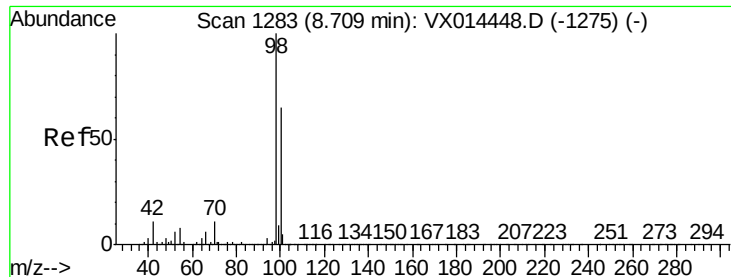
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.5	122.3
192	23.6	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 10.454 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX014568.D
 Acq: 11 Jan 2020 04:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.6	24.8
87	13.0	10.8	16.2





#50

Toluene-d8

Concen: 50.783 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014568.D

Acq: 11 Jan 2020 04:22

Instrument :

MSVOA_X

ClientSampleId :

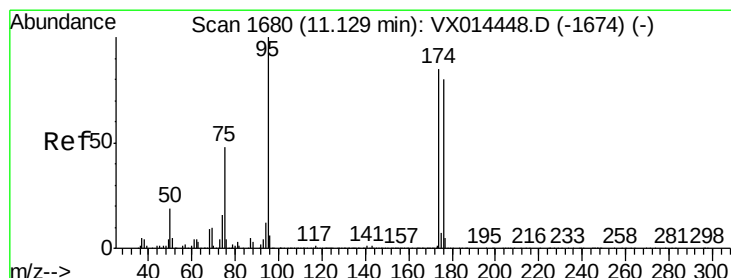
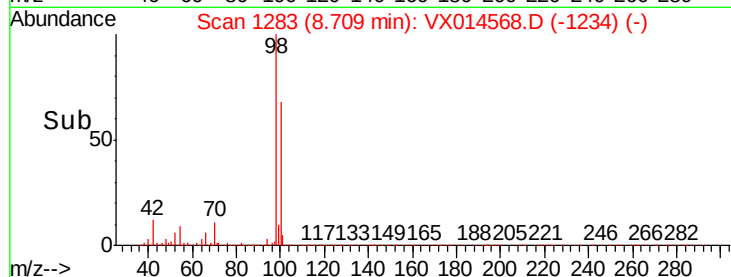
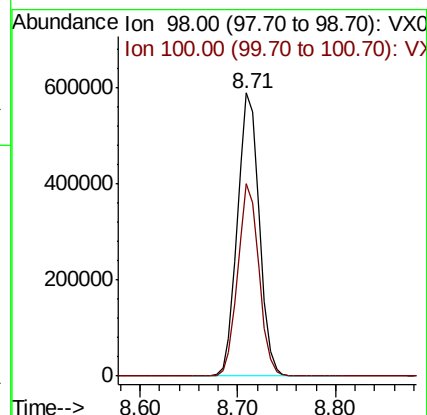
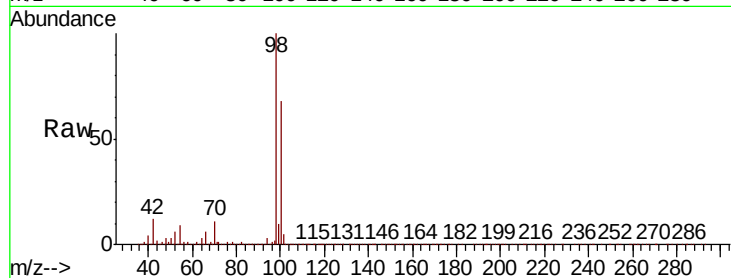
PB125993ZHE#14

Tot Ion: 98 Resp: 912183

Ion Ratio Lower Upper

98 100

100 65.7 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.719 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014568.D

Acq: 11 Jan 2020 04:22

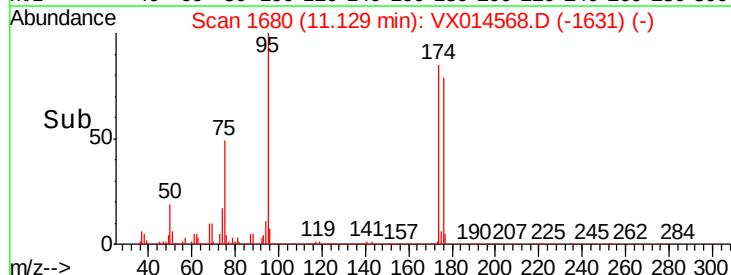
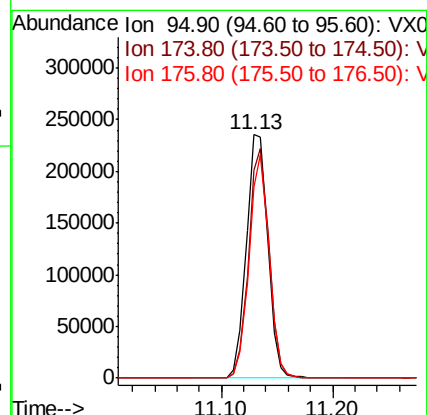
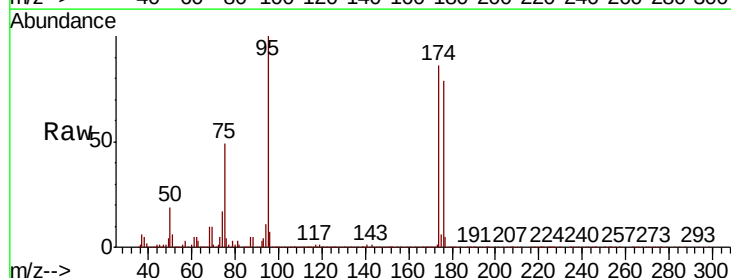
Tgt Ion: 95 Resp: 314667

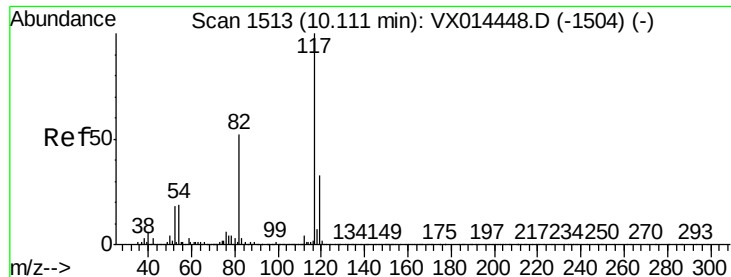
Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.8

176 85.6 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: VX014568.D

Acq: 11 Jan 2020 04:22

Instrument :

MSVOA_X

ClientSampleId :

PB125993ZHE#14

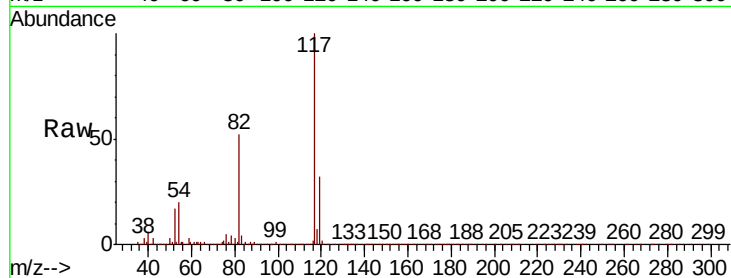
Tot Ion:117 Resp: 700809

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

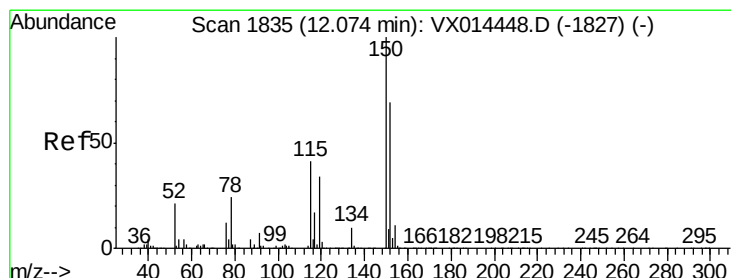
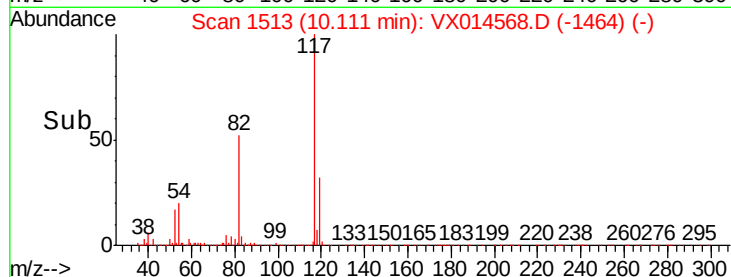
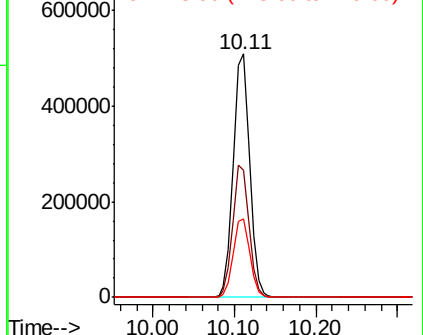
119 32.1 26.2 39.4



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014568.D

Acq: 11 Jan 2020 04:22

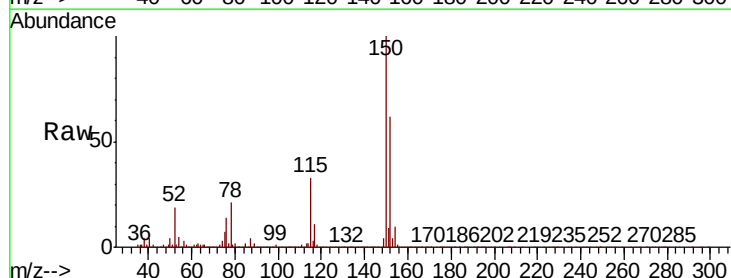
Tgt Ion:152 Resp: 317085

Ion Ratio Lower Upper

152 100

115 54.7 39.5 118.3

150 158.7 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

