

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014517.D
 Acq On : 09 Jan 2020 23:12
 Operator : JC/SP
 Sample : PB125964ZHE#10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125964ZHE#10

Quant Time: Jan 10 08:13:45 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

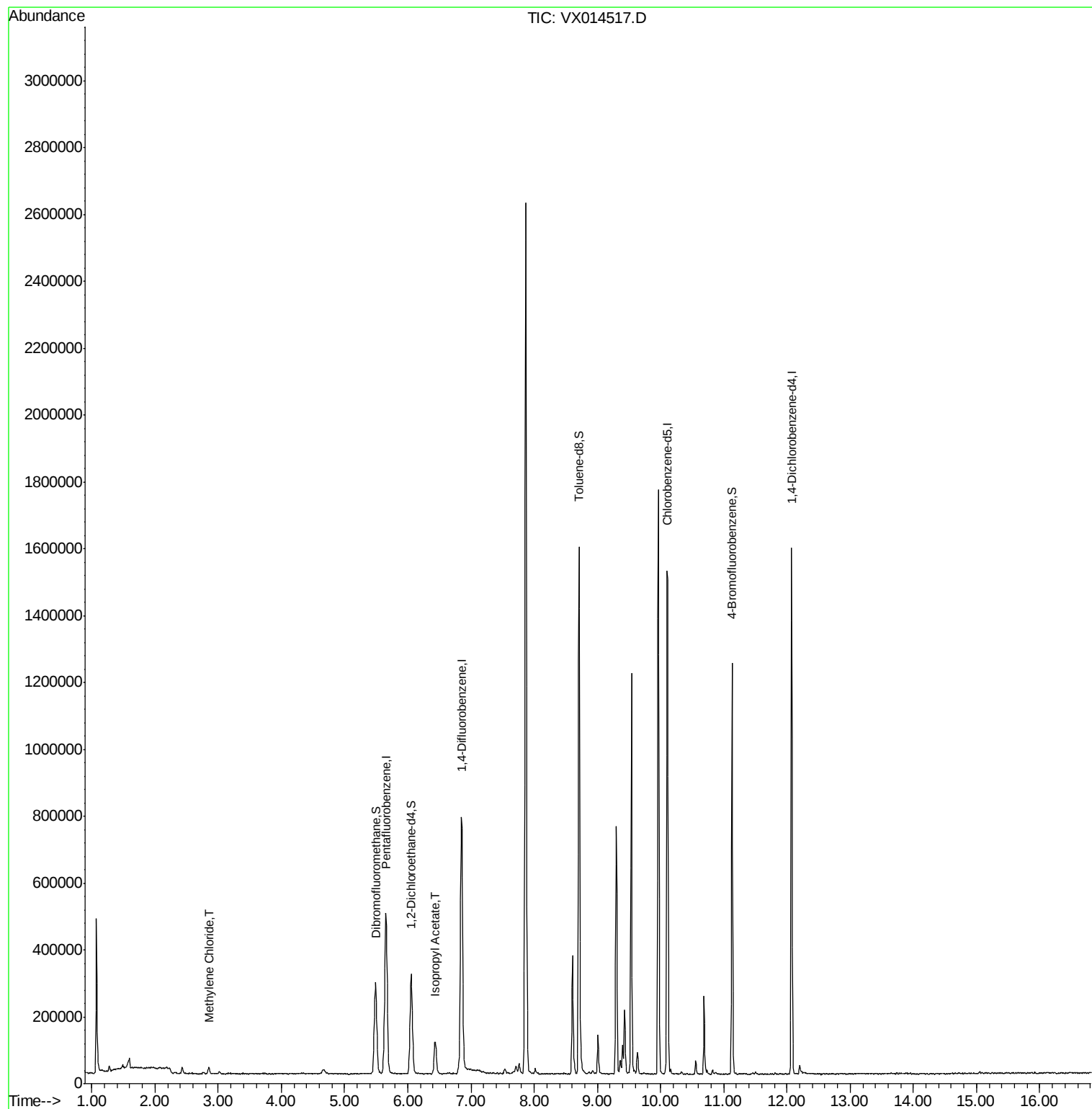
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	500909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	779865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	714889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	277158	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	5.49	113	231997	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	8.71	98	932627	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	323557	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
20) Methylene Chloride	2.85	84	10372	1.844	ug/l	93
43) Isopropyl Acetate	6.43	43	137597	10.692	ug/l	99

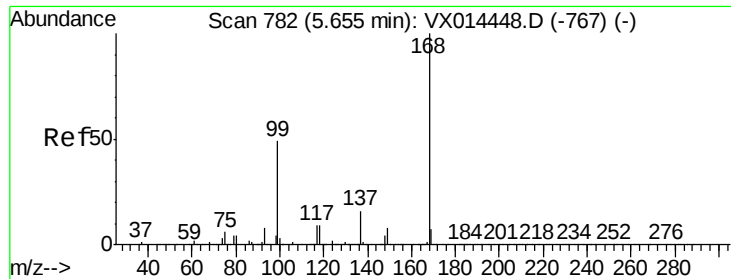
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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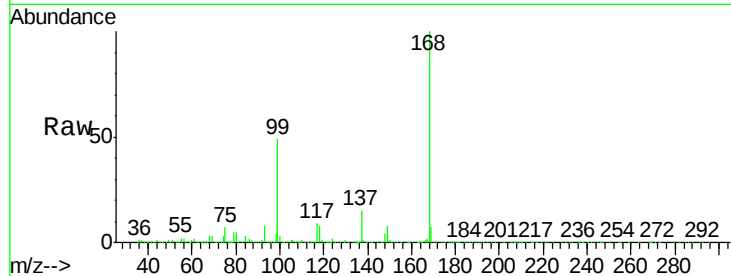


#1

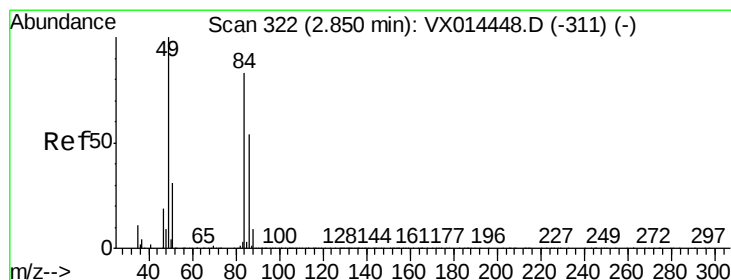
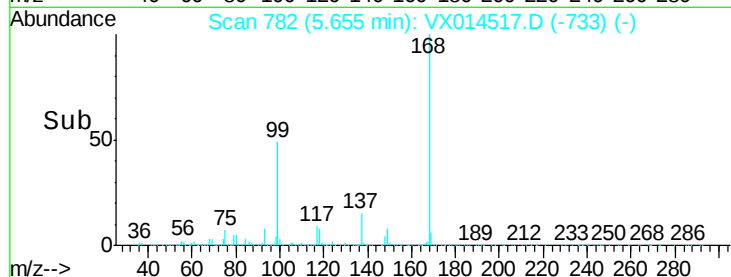
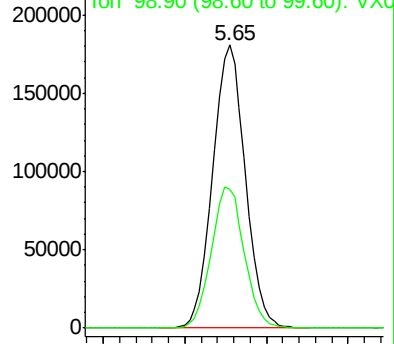
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX014517.D
 Acq: 09 Jan 2020 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125964ZHE#10

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.2	58.8



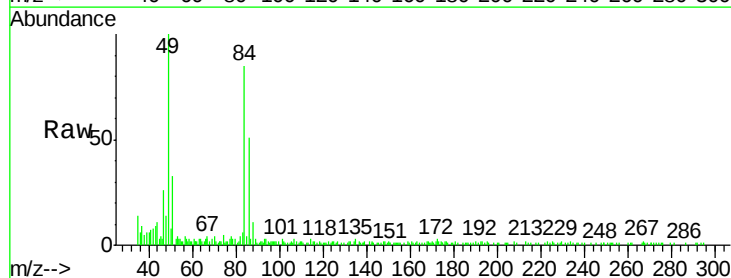
Abundance Ion 167.90 (167.60 to 168.60): VX014448.D (-767) (-)



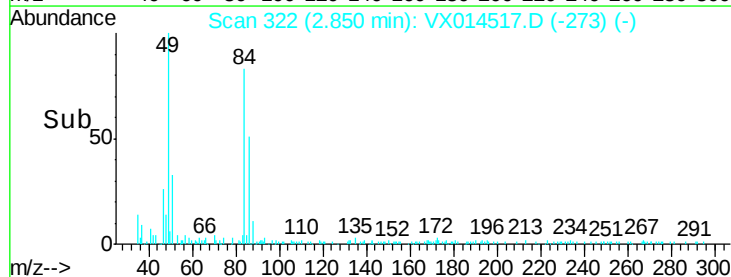
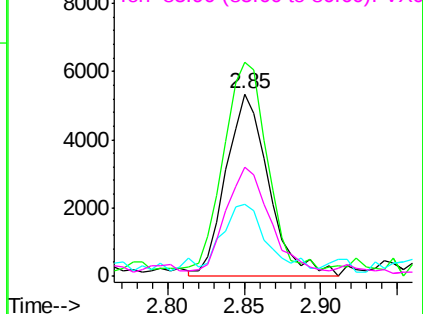
#20

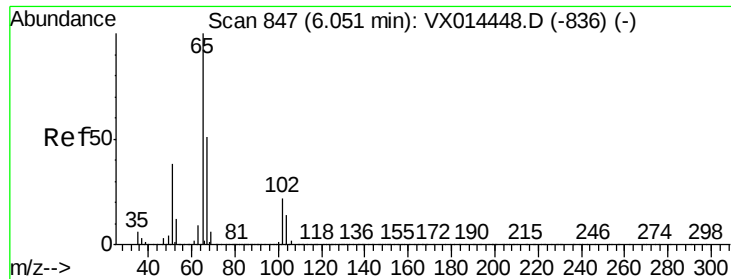
Methylene Chloride
 Concen: 1.844 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014517.D
 Acq: 09 Jan 2020 23:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.3	95.8	143.8
51	30.3	30.2	45.4
86	57.2	51.8	77.6



Abundance Ion 83.90 (83.60 to 84.60): VX014448.D (-311) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.565 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014517.D

Acq: 09 Jan 2020 23:12

Instrument :

MSVOA_X

ClientSampleId :

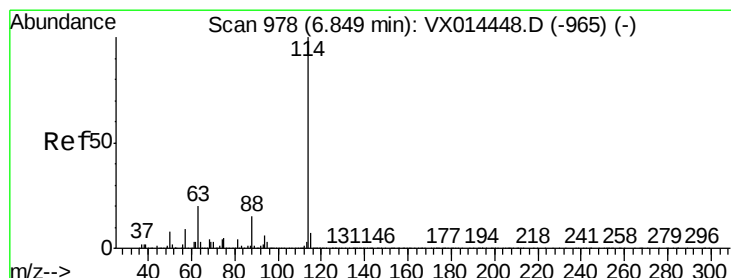
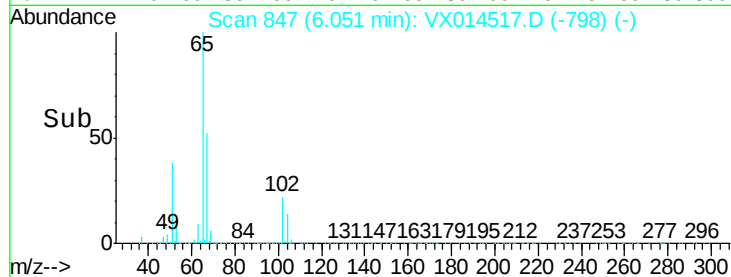
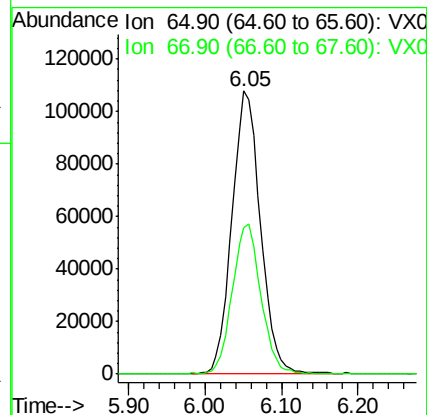
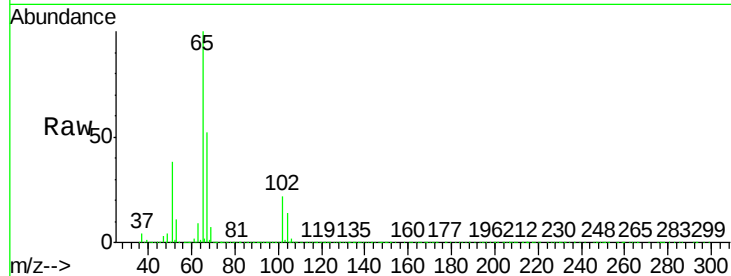
PB125964ZHE#10

Tot Ion: 65 Resp: 277158

Ion Ratio Lower Upper

65 100

67 53.4 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: VX014517.D

Acq: 09 Jan 2020 23:12

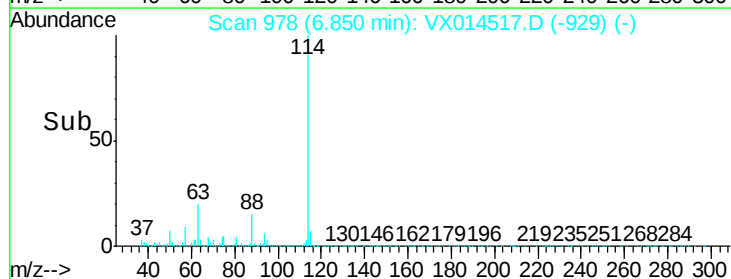
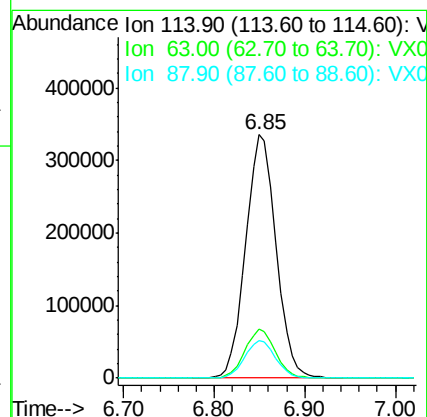
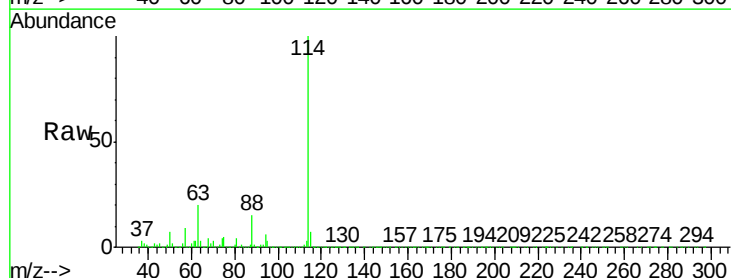
Tgt Ion: 114 Resp: 779865

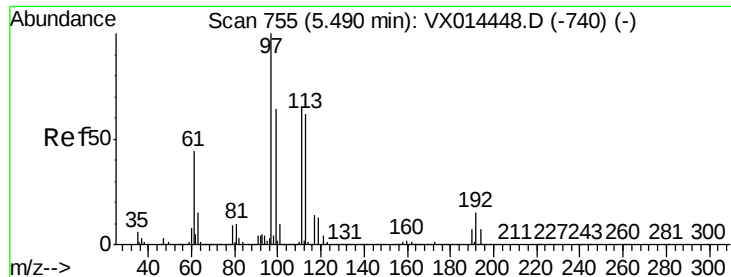
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.143 ug/l

RT: 5.49 min Scan# 755

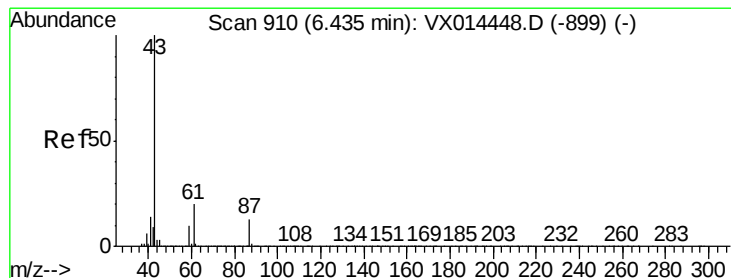
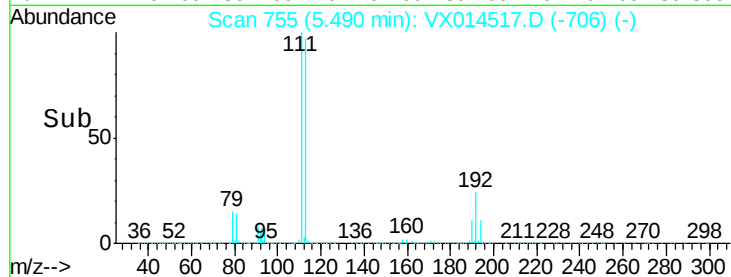
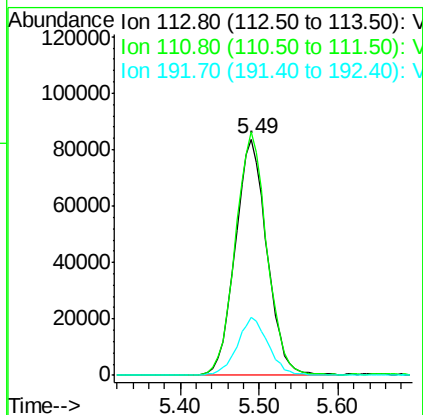
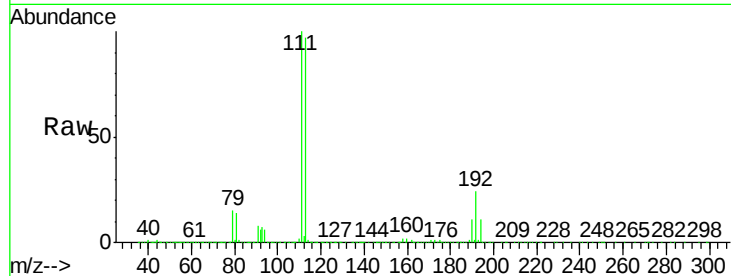
Delta R.T. 0.00 min

Lab File: VX014517.D

Acq: 09 Jan 2020 23:12

Instrument :
MSVOA_X
ClientSampleId :
PB125964ZHE#10

Tot Ion:	113	Resp:	231997
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	23.9	19.2	28.8



#43

Isopropyl Acetate

Concen: 10.692 ug/l

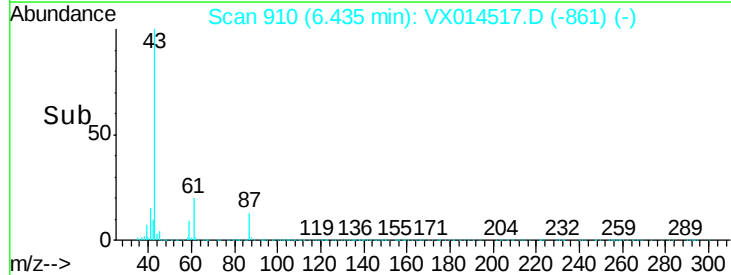
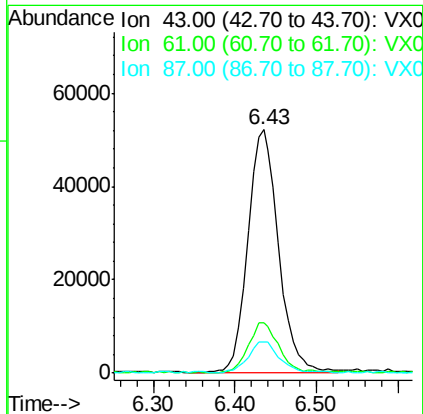
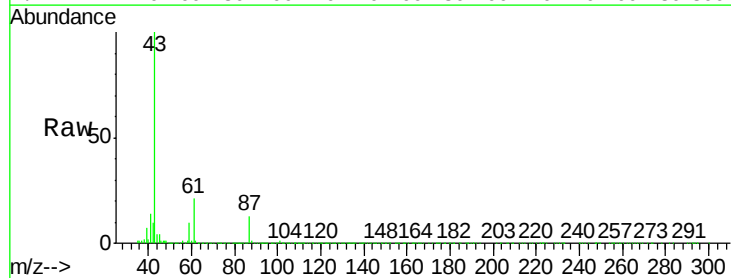
RT: 6.43 min Scan# 910

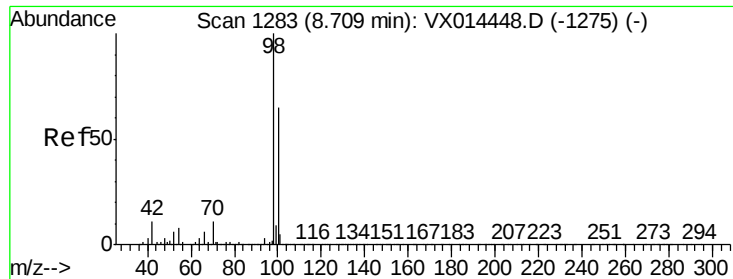
Delta R.T. 0.00 min

Lab File: VX014517.D

Acq: 09 Jan 2020 23:12

Tgt Ion:	43	Resp:	137597
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.6	24.8
87	12.6	10.8	16.2





#50

Toluene-d8

Concen: 50.907 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014517.D

Acq: 09 Jan 2020 23:12

Instrument :

MSVOA_X

ClientSampleId :

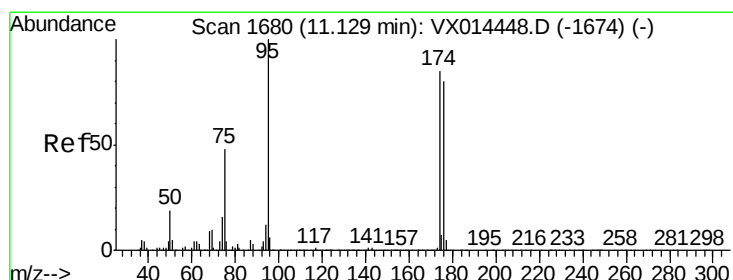
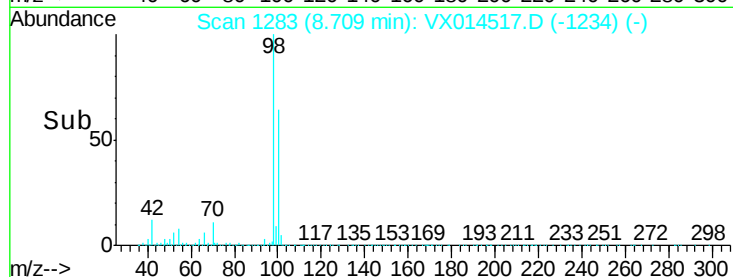
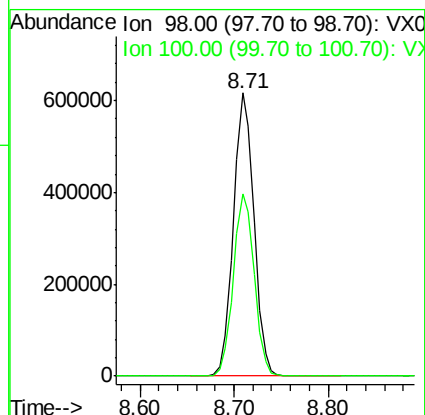
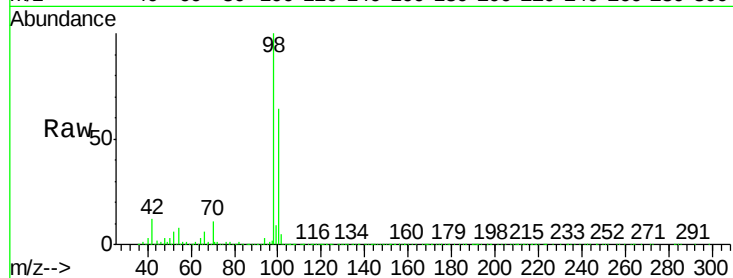
PB125964ZHE#10

Tot Ion: 98 Resp: 932627

Ion Ratio Lower Upper

98 100

100 65.2 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 48.109 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014517.D

Acq: 09 Jan 2020 23:12

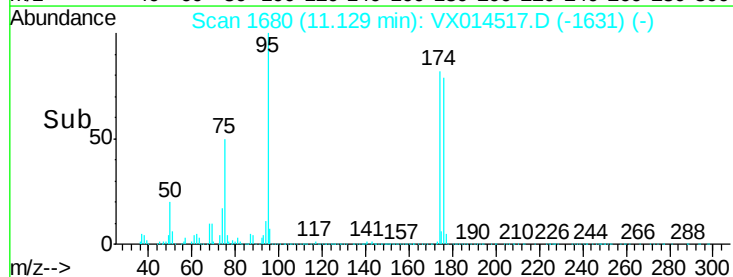
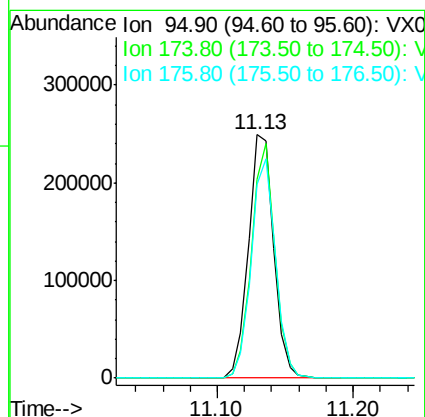
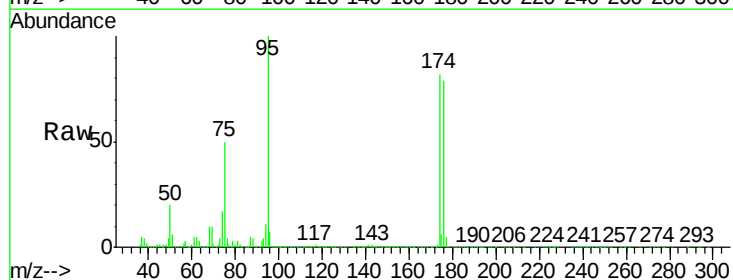
Tgt Ion: 95 Resp: 323557

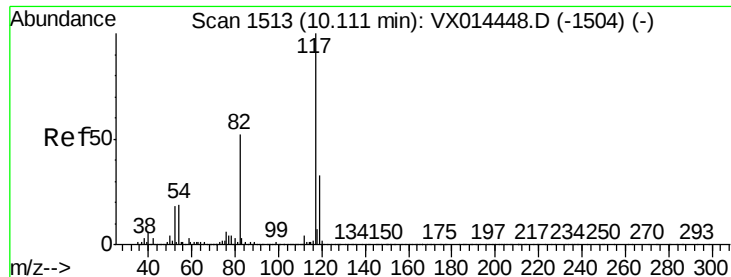
Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.8

176 87.3 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: VX014517.D

Acq: 09 Jan 2020 23:12

Instrument :

MSVOA_X

ClientSampleId :

PB125964ZHE#10

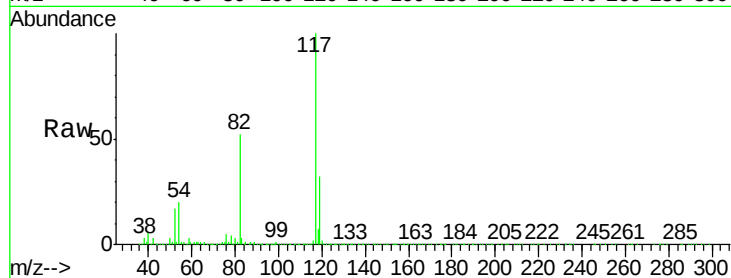
Tot Ion:117 Resp: 714889

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.6

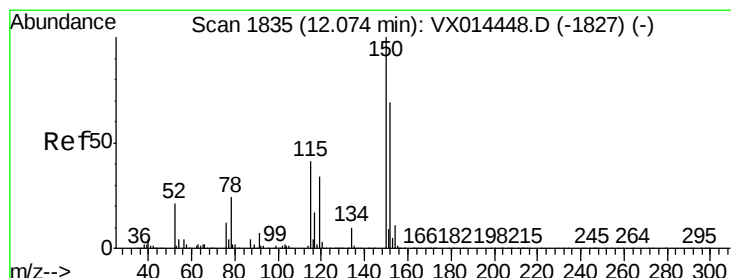
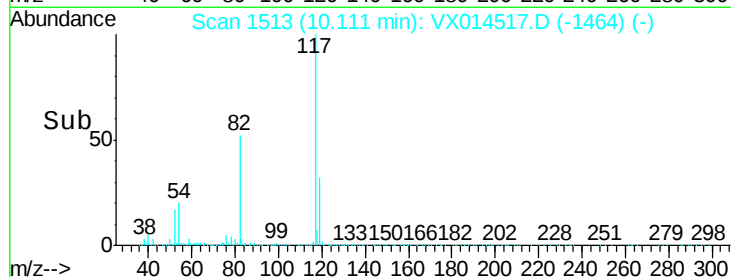
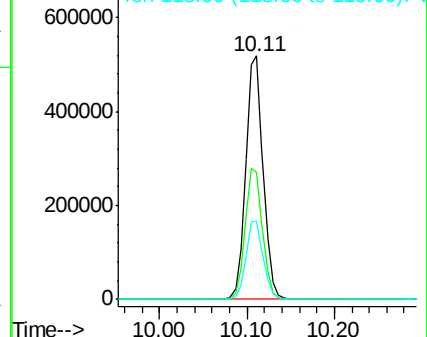
119 32.2 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX014517.D

Acq: 09 Jan 2020 23:12

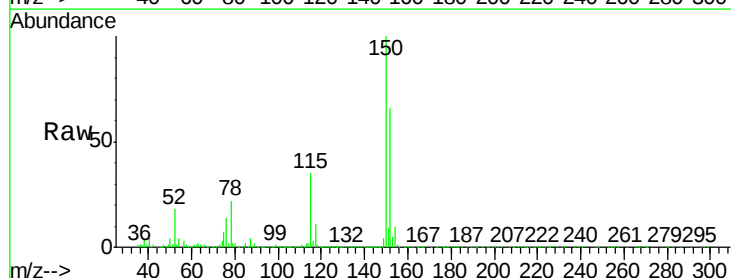
Tgt Ion:152 Resp: 333335

Ion Ratio Lower Upper

152 100

115 54.4 39.5 118.3

150 154.8 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

