

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014507.D
 Acq On : 09 Jan 2020 19:20
 Operator : JC/SP
 Sample : PB125963TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125963TB

Quant Time: Jan 10 07:33:35 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

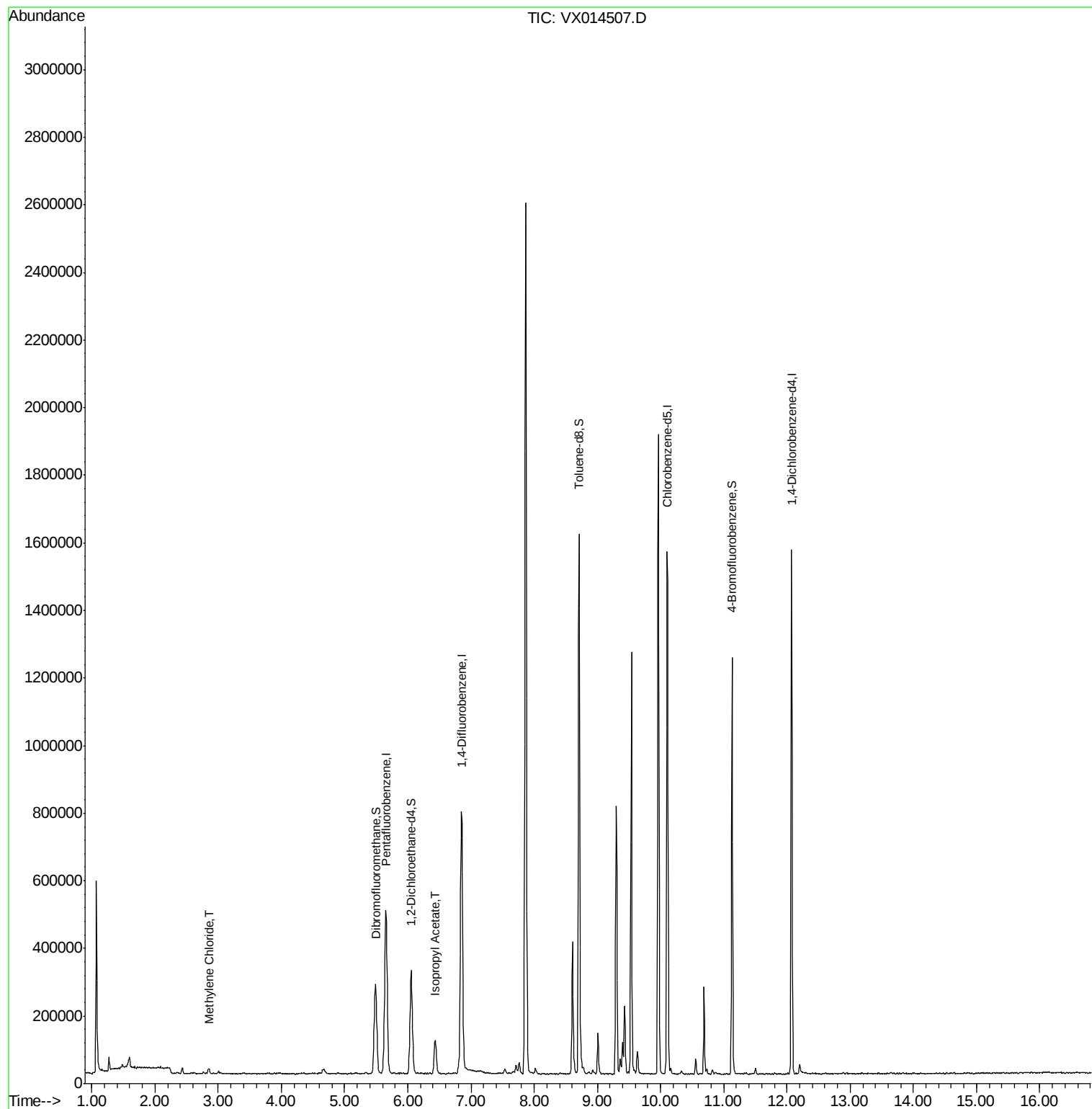
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	508166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	789809	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	726491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	337249	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	279052	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
35) Dibromofluoromethane	5.49	113	235161	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	941086	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	325693	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
Target Compounds						
20) Methylene Chloride	2.86	84	8999	1.577	ug/l	84
43) Isopropyl Acetate	6.43	43	139646	10.715	ug/l	99

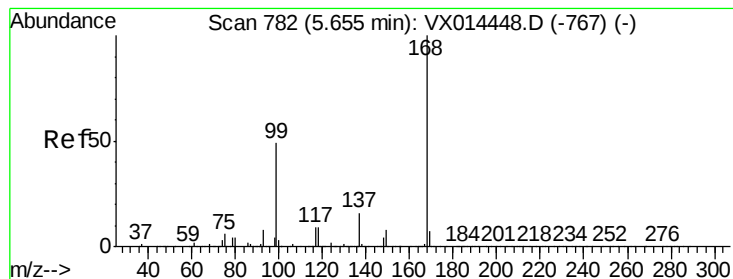
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014507.D

Acq: 09 Jan 2020 19:20

Instrument :

MSVOA_X

ClientSampleId :

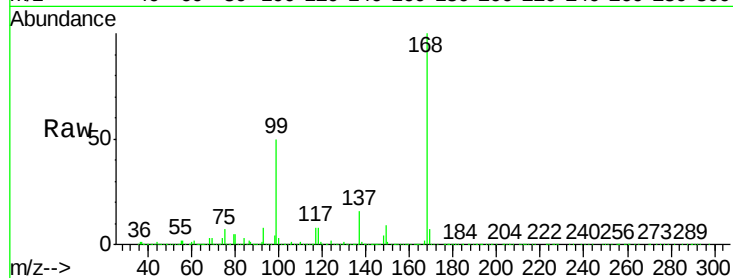
PB125963TB

Tot Ion:168 Resp: 508166

Ion Ratio Lower Upper

168 100

99 49.8 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

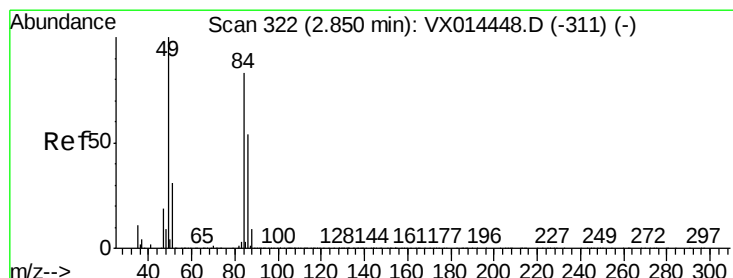
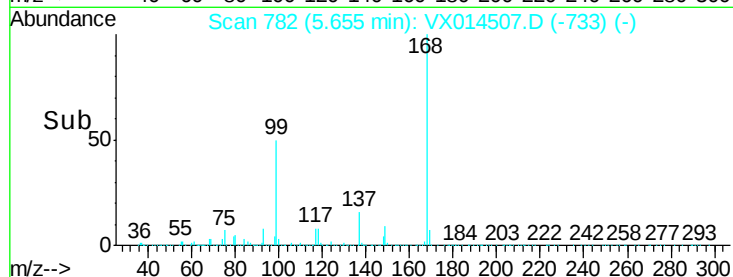
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.577 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX014507.D

Acq: 09 Jan 2020 19:20

Tgt Ion: 84 Resp: 8999

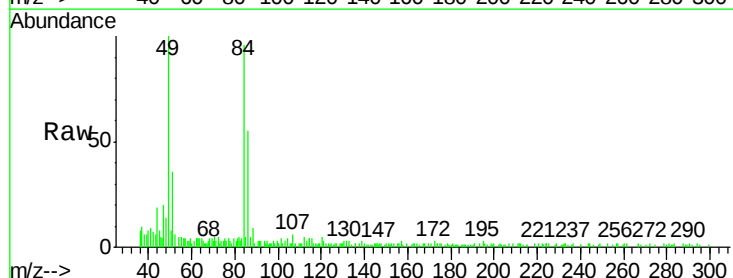
Ion Ratio Lower Upper

84 100

49 97.8 95.8 143.8

51 34.7 30.2 45.4

86 52.2 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

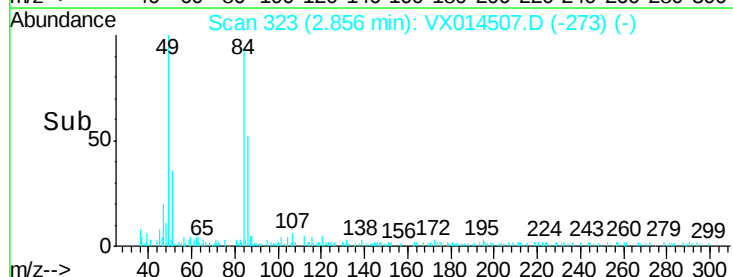
6000

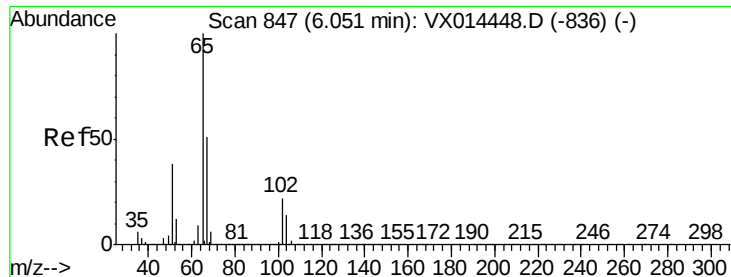
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.191 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014507.D

Acq: 09 Jan 2020 19:20

Instrument :

MSVOA_X

ClientSampleId :

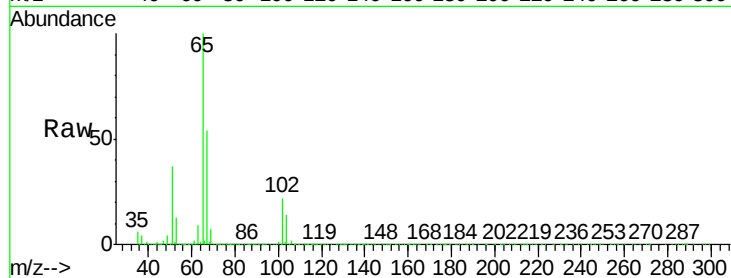
PB125963TB

Tot Ion: 65 Resp: 279052

Ion Ratio Lower Upper

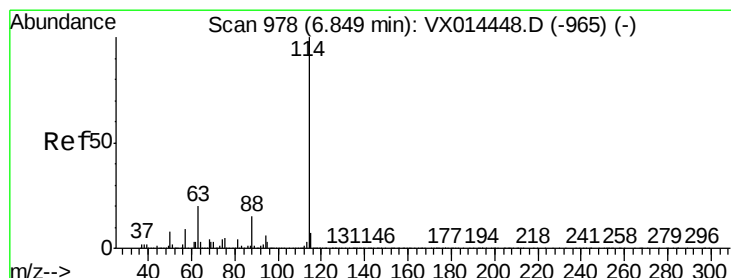
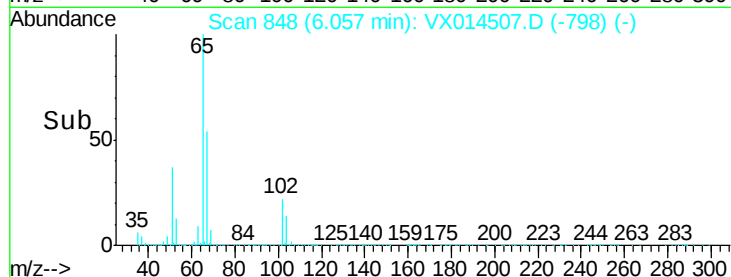
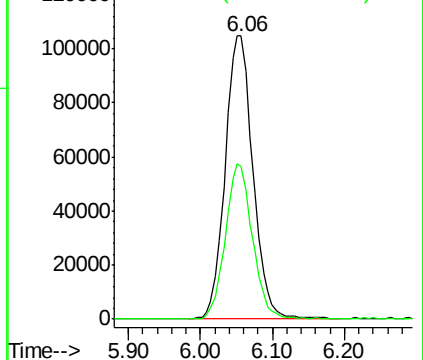
65 100

67 53.7 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: VX014507.D

Acq: 09 Jan 2020 19:20

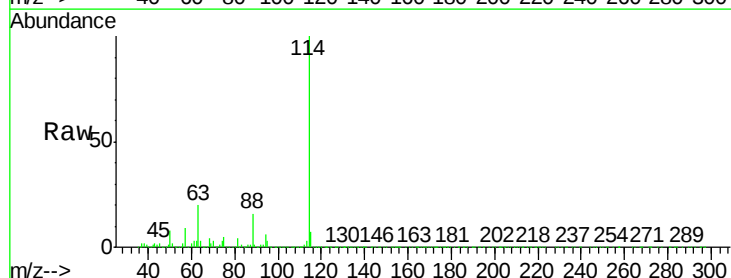
Tgt Ion: 114 Resp: 789809

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

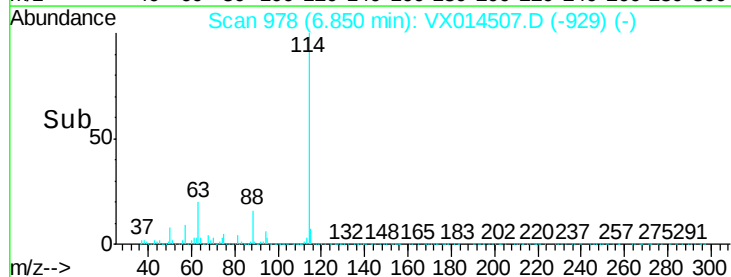
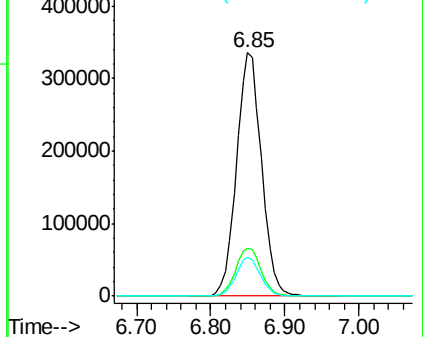
88 15.8 0.0 30.8

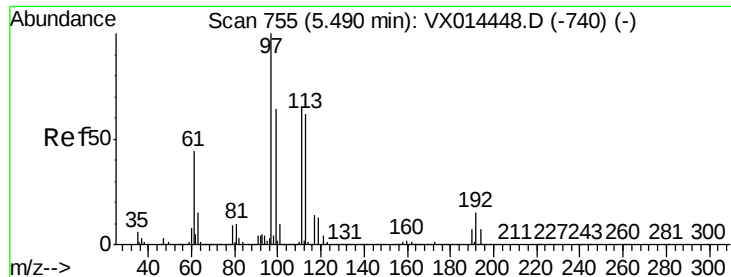


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.186 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014507.D

Acq: 09 Jan 2020 19:20

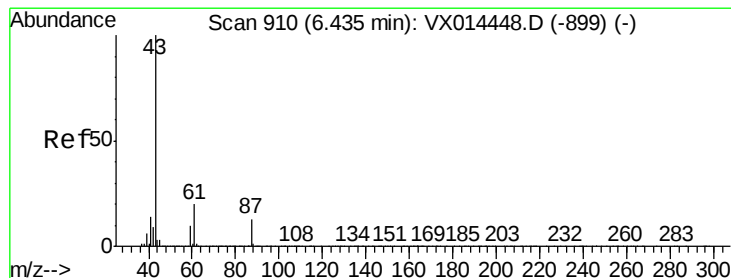
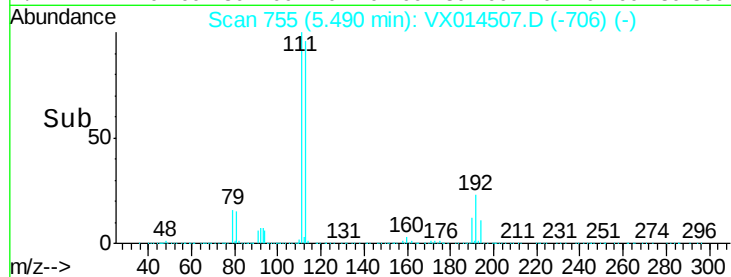
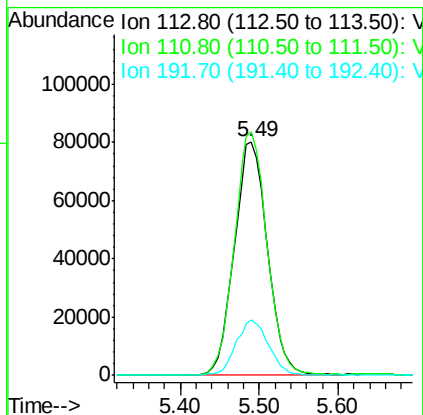
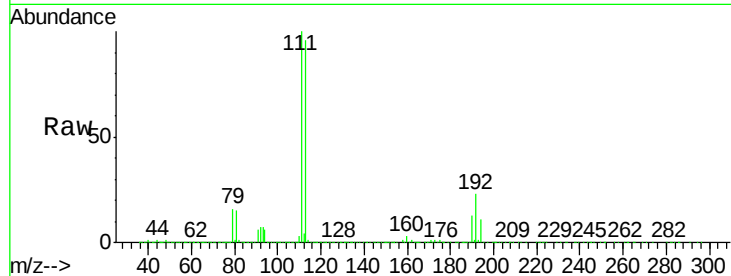
Instrument :

MSVOA_X

ClientSampled :

PB125963TB

Tot Ion:	113	Resp:	235161
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	23.4	19.2	28.8



#43

Isopropyl Acetate

Concen: 10.715 ug/l

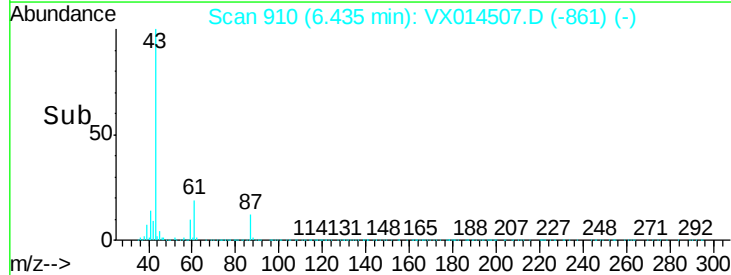
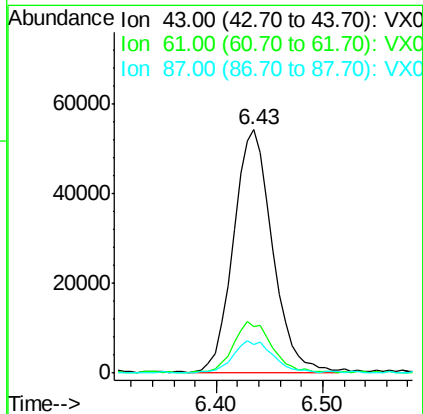
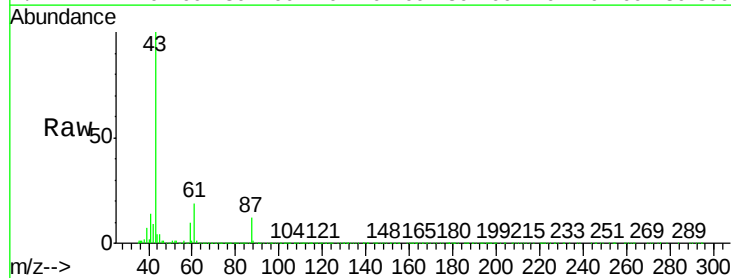
RT: 6.43 min Scan# 910

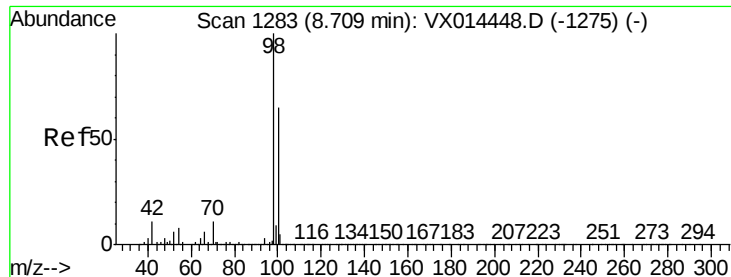
Delta R.T. 0.00 min

Lab File: VX014507.D

Acq: 09 Jan 2020 19:20

Tgt Ion:	43	Resp:	139646
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.6	24.8
87	13.9	10.8	16.2





#50

Toluene-d8

Concen: 50.722 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014507.D

Acq: 09 Jan 2020 19:20

Instrument :

MSVOA_X

ClientSampleId :

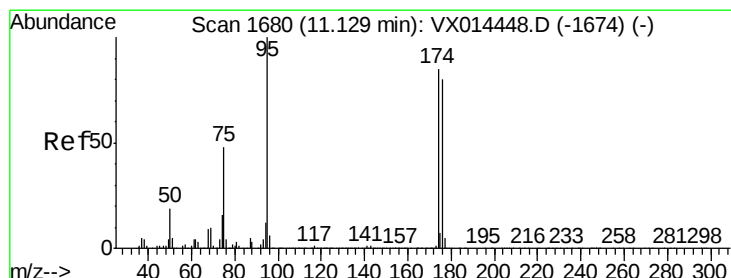
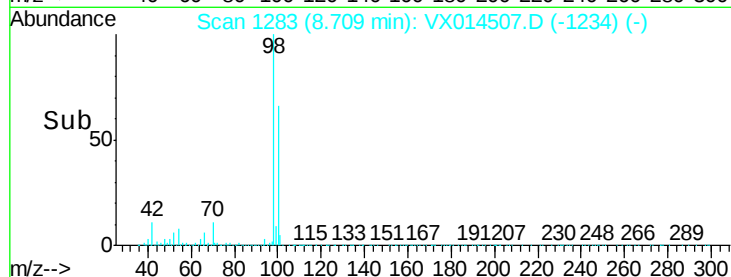
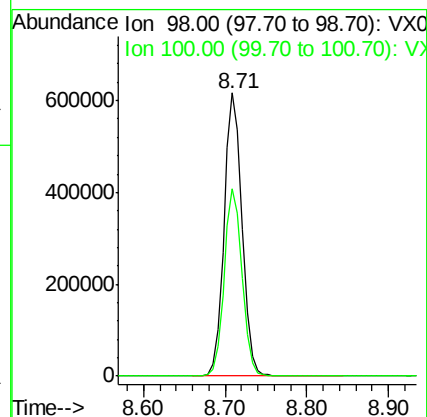
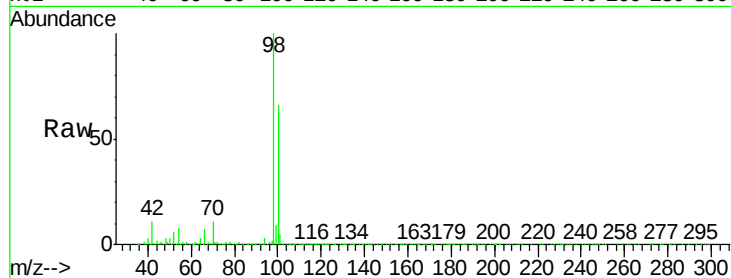
PB125963TB

Tot Ion: 98 Resp: 941086

Ion Ratio Lower Upper

98 100

100 65.8 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.817 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014507.D

Acq: 09 Jan 2020 19:20

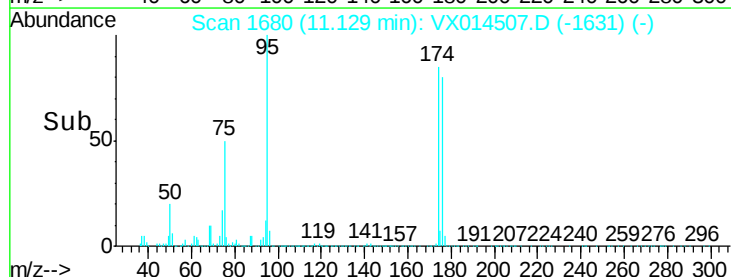
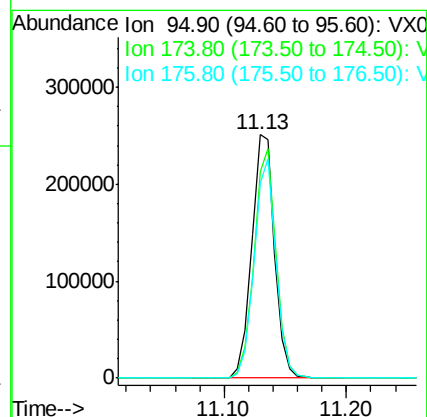
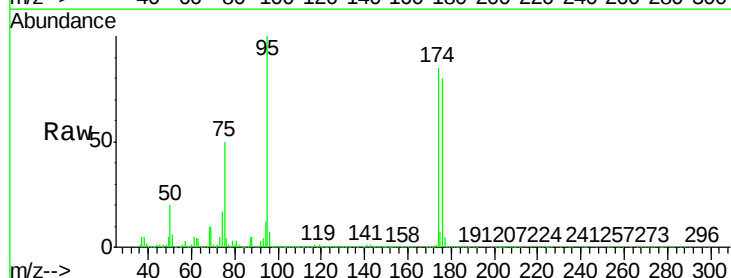
Tgt Ion: 95 Resp: 325693

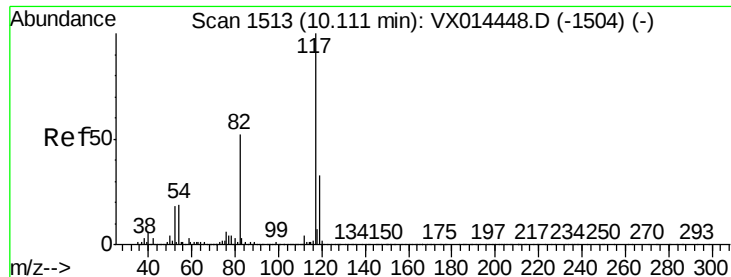
Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.8

176 86.6 0.0 172.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014507.D

Acq: 09 Jan 2020 19:20

Instrument :

MSVOA_X

ClientSampleId :

PB125963TB

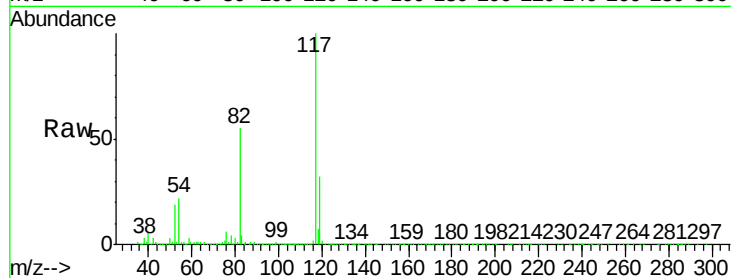
Tot Ion:117 Resp: 726491

Ion Ratio Lower Upper

117 100

82 55.3 41.8 62.6

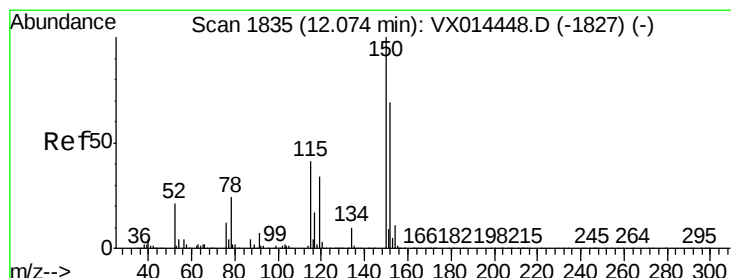
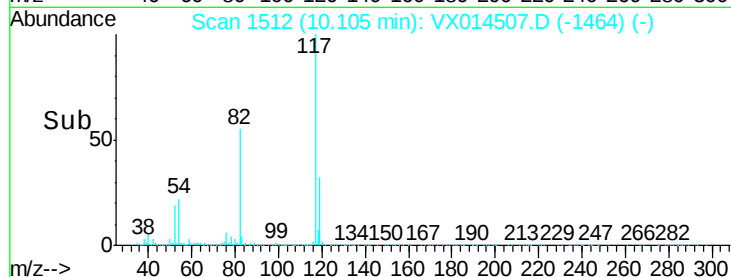
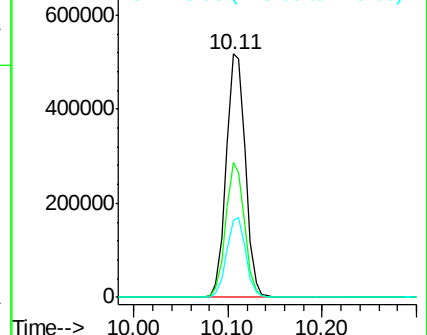
119 31.7 26.2 39.4



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: VX014507.D

Acq: 09 Jan 2020 19:20

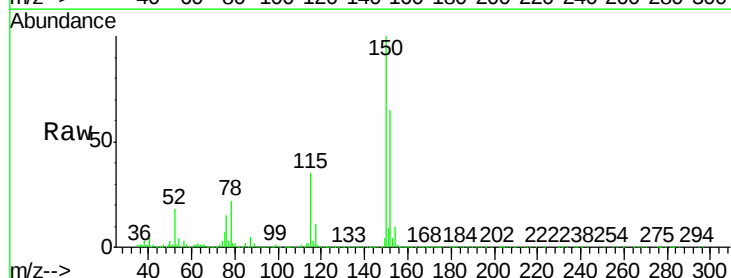
Tgt Ion:152 Resp: 337249

Ion Ratio Lower Upper

152 100

115 54.5 39.5 118.3

150 154.6 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

