

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014564.D
 Acq On : 11 Jan 2020 02:49
 Operator : JC/SP
 Sample : PB125993ZHE#10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125993ZHE#10

Quant Time: Jan 13 06:19:19 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

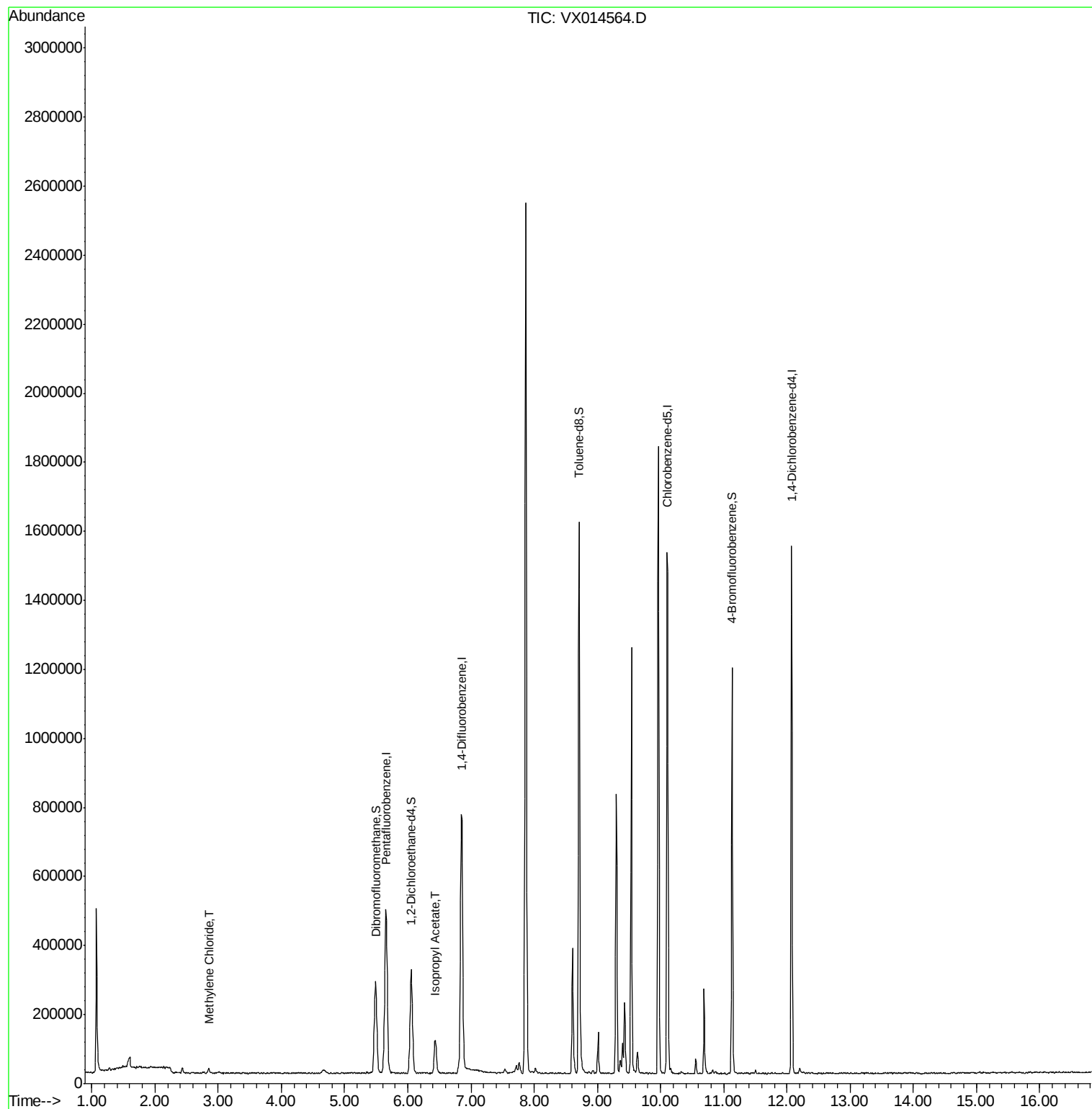
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	493161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	771877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	709243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	277756	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	5.49	113	231655	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	8.71	98	936533	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.13	95	316405	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
Target Compounds						
20) Methylene Chloride	2.86	84	6584m	1.189	ug/l	
43) Isopropyl Acetate	6.43	43	132124	10.373	ug/l	98

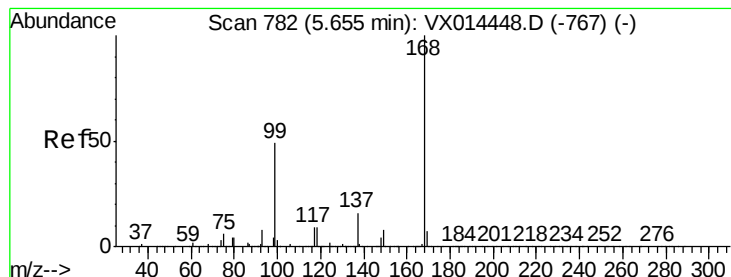
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014564.D

Acq: 11 Jan 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

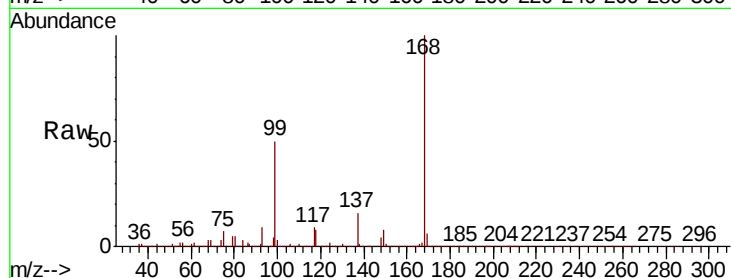
PB125993ZHE#10

Tot Ion:168 Resp: 493161

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

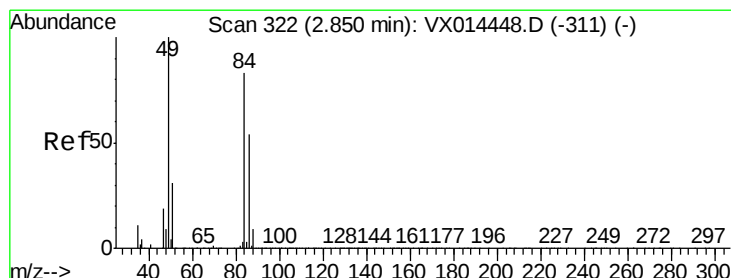
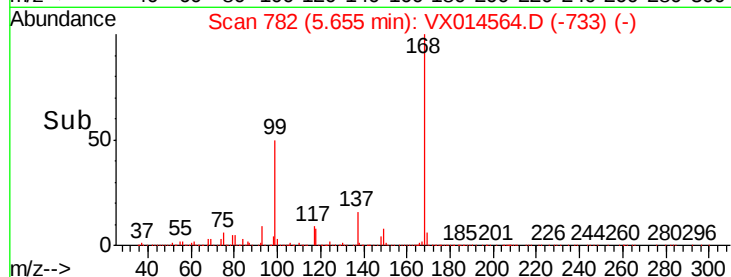
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.189 ug/l m

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX014564.D

Acq: 11 Jan 2020 02:49

Tgt Ion: 84 Resp: 6584

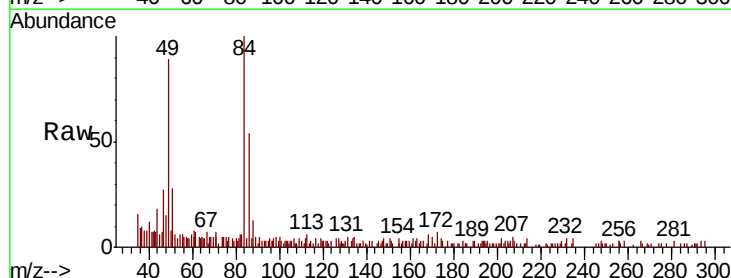
Ion Ratio Lower Upper

84 100

49 89.2 95.8 143.8#

51 28.1 30.2 45.4#

86 54.1 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

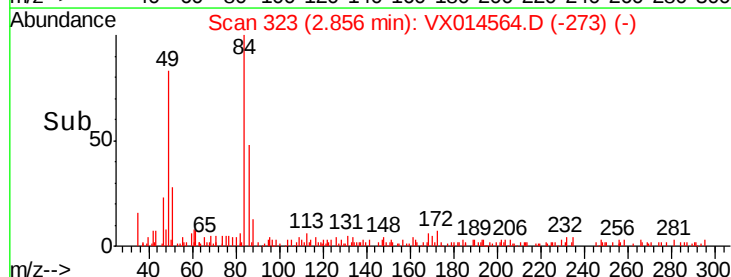
6000

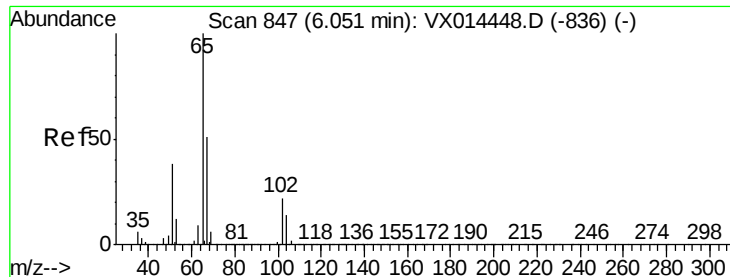
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.452 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014564.D

Acq: 11 Jan 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

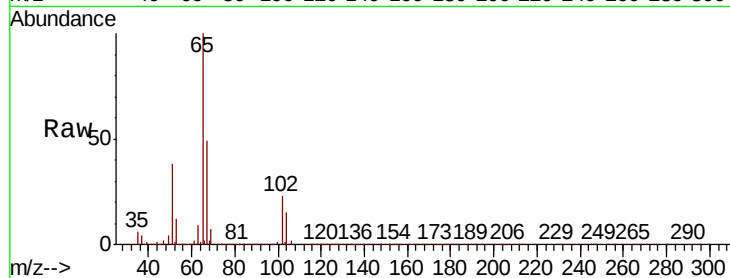
PB125993ZHE#10

Tot Ion: 65 Resp: 277756

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

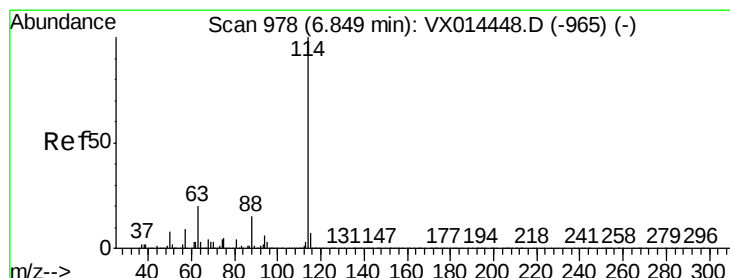
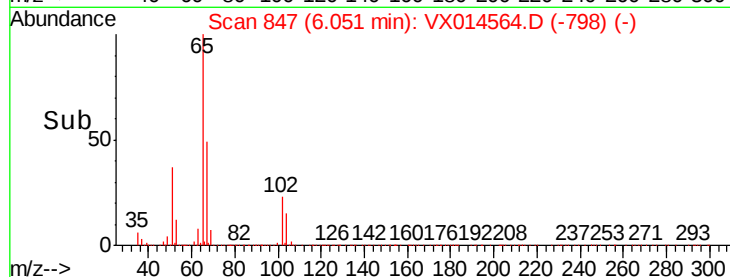
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014564.D

Acq: 11 Jan 2020 02:49

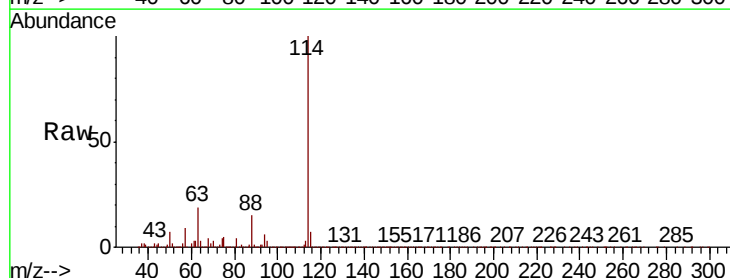
Tgt Ion: 114 Resp: 771877

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.2 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

6.86

400000

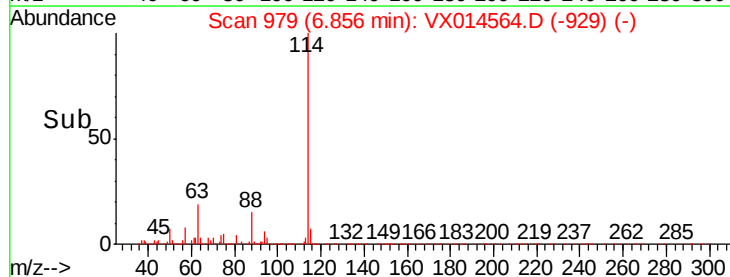
300000

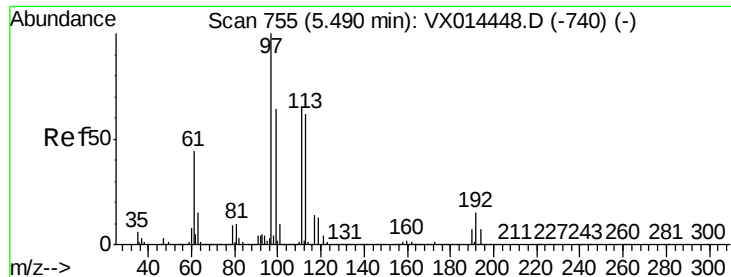
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.578 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014564.D

Acq: 11 Jan 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

PB125993ZHE#10

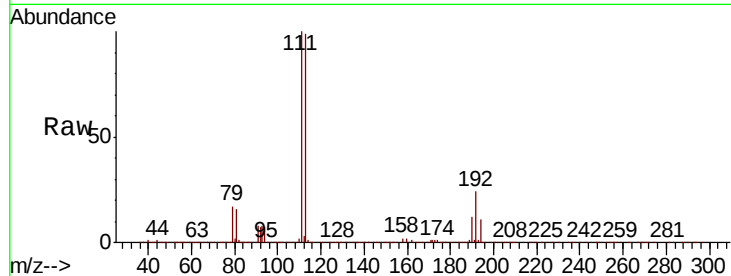
Tot Ion:113 Resp: 231655

Ion Ratio Lower Upper

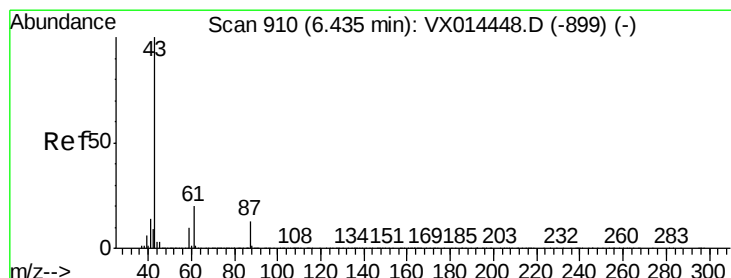
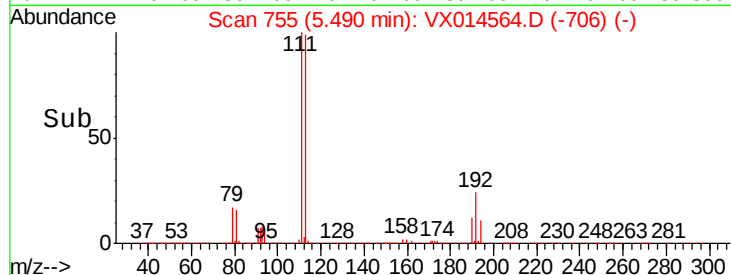
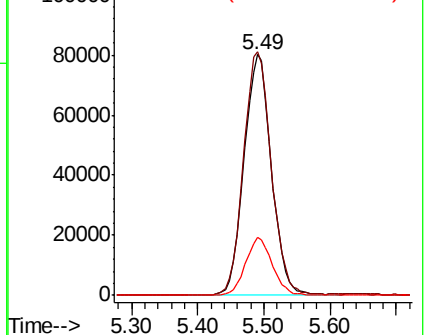
113 100

111 102.2 81.5 122.3

192 23.5 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: 10.373 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014564.D

Acq: 11 Jan 2020 02:49

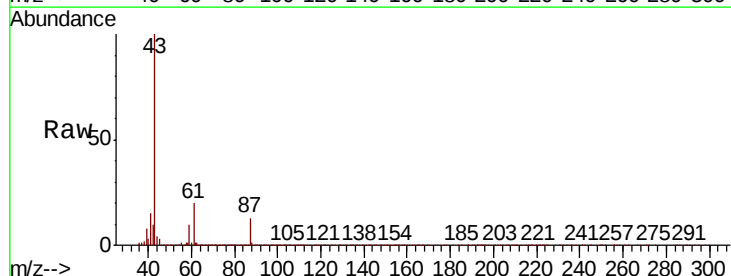
Tgt Ion: 43 Resp: 132124

Ion Ratio Lower Upper

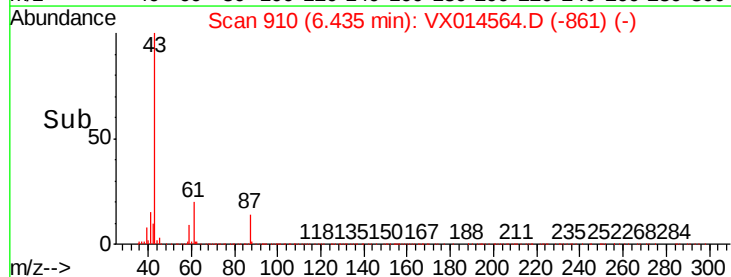
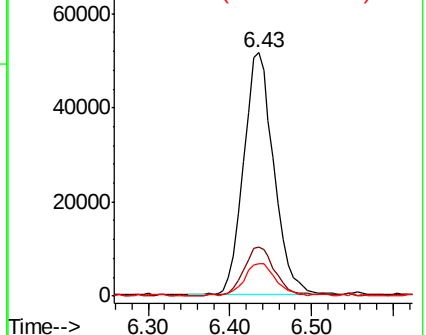
43 100

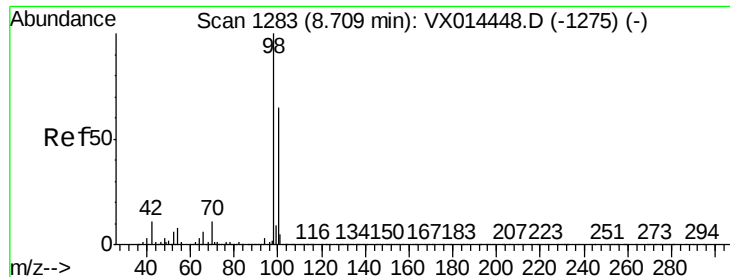
61 20.4 16.6 24.8

87 14.7 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: 51.650 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014564.D

Acq: 11 Jan 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

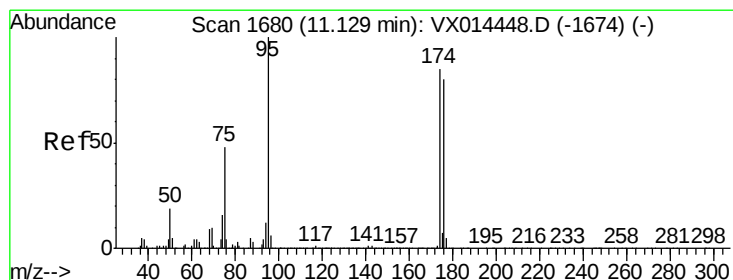
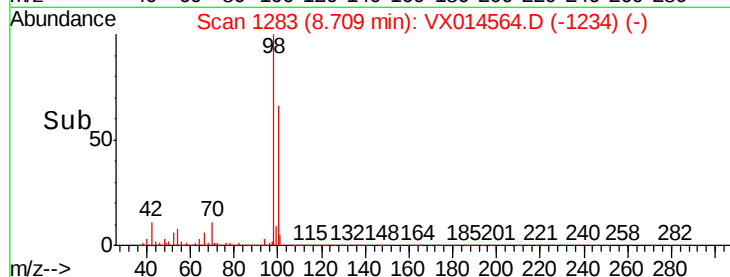
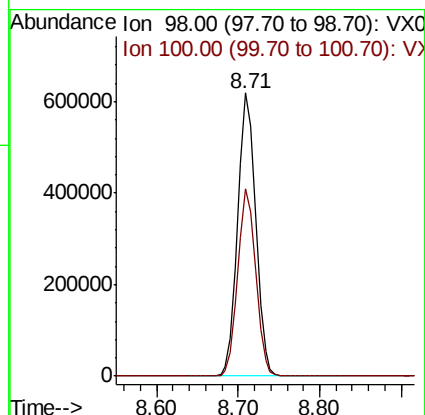
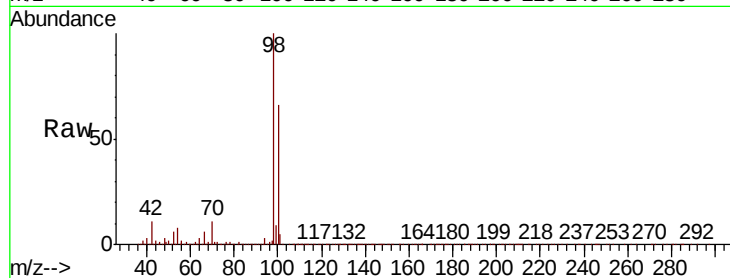
PB125993ZHE#10

Tot Ion: 98 Resp: 936533

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.532 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014564.D

Acq: 11 Jan 2020 02:49

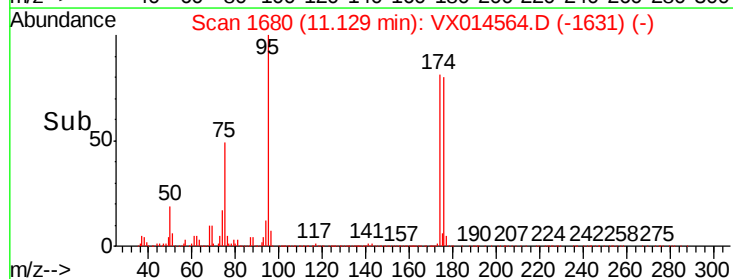
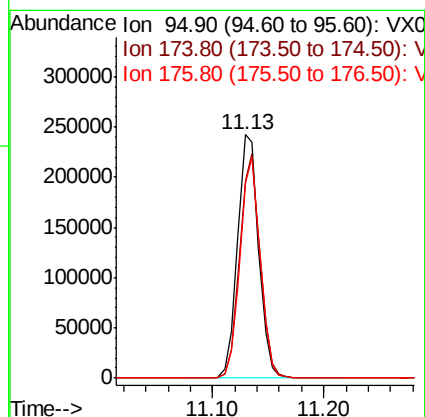
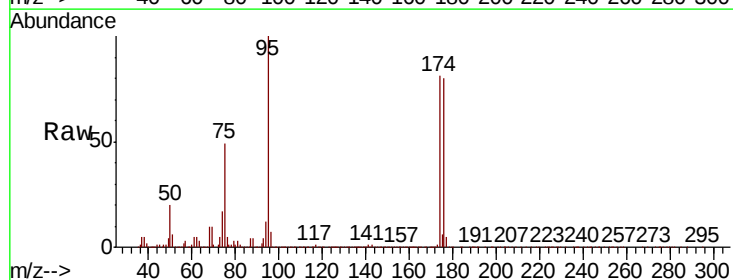
Tgt Ion: 95 Resp: 316405

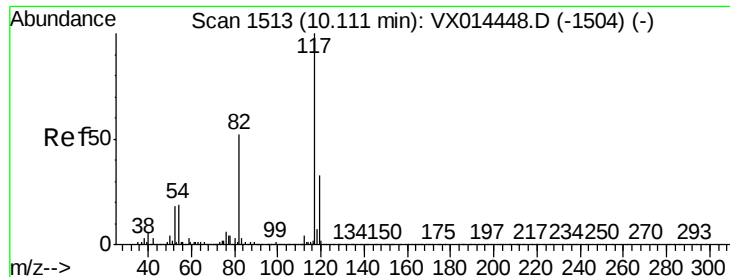
Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.8

176 87.2 0.0 172.8

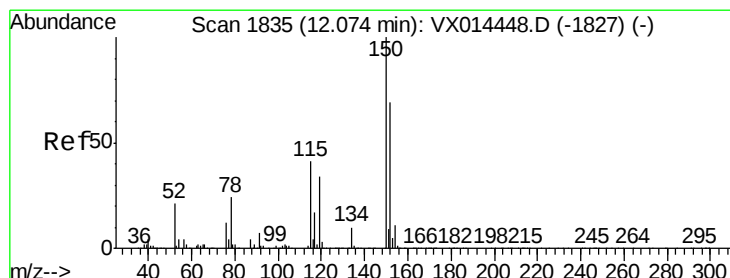
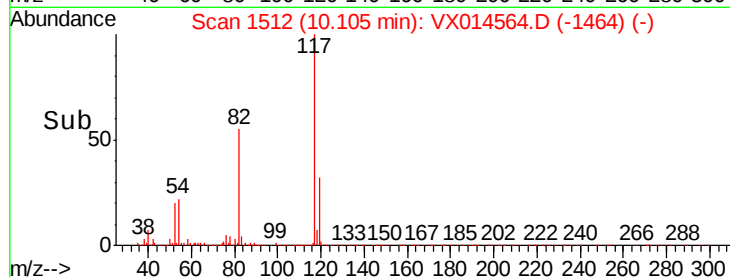
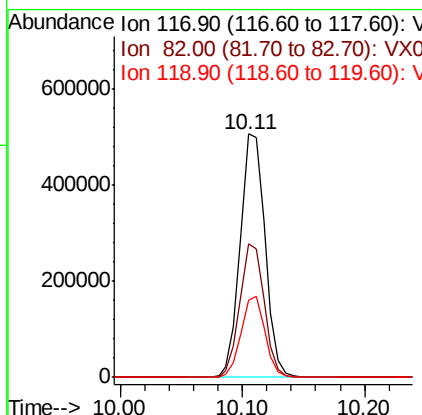
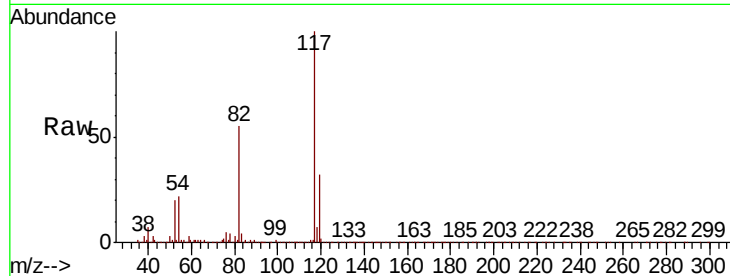




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014564.D
Acq: 11 Jan 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
PB125993ZHE#10

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	41.8	62.6
119	31.6	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: VX014564.D
Acq: 11 Jan 2020 02:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.5	118.3
150	156.0	0.0	350.2

