

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014563.D
 Acq On : 11 Jan 2020 02:26
 Operator : JC/SP
 Sample : PB125993ZHE#09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125993ZHE#09

Quant Time: Jan 11 05:46:27 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

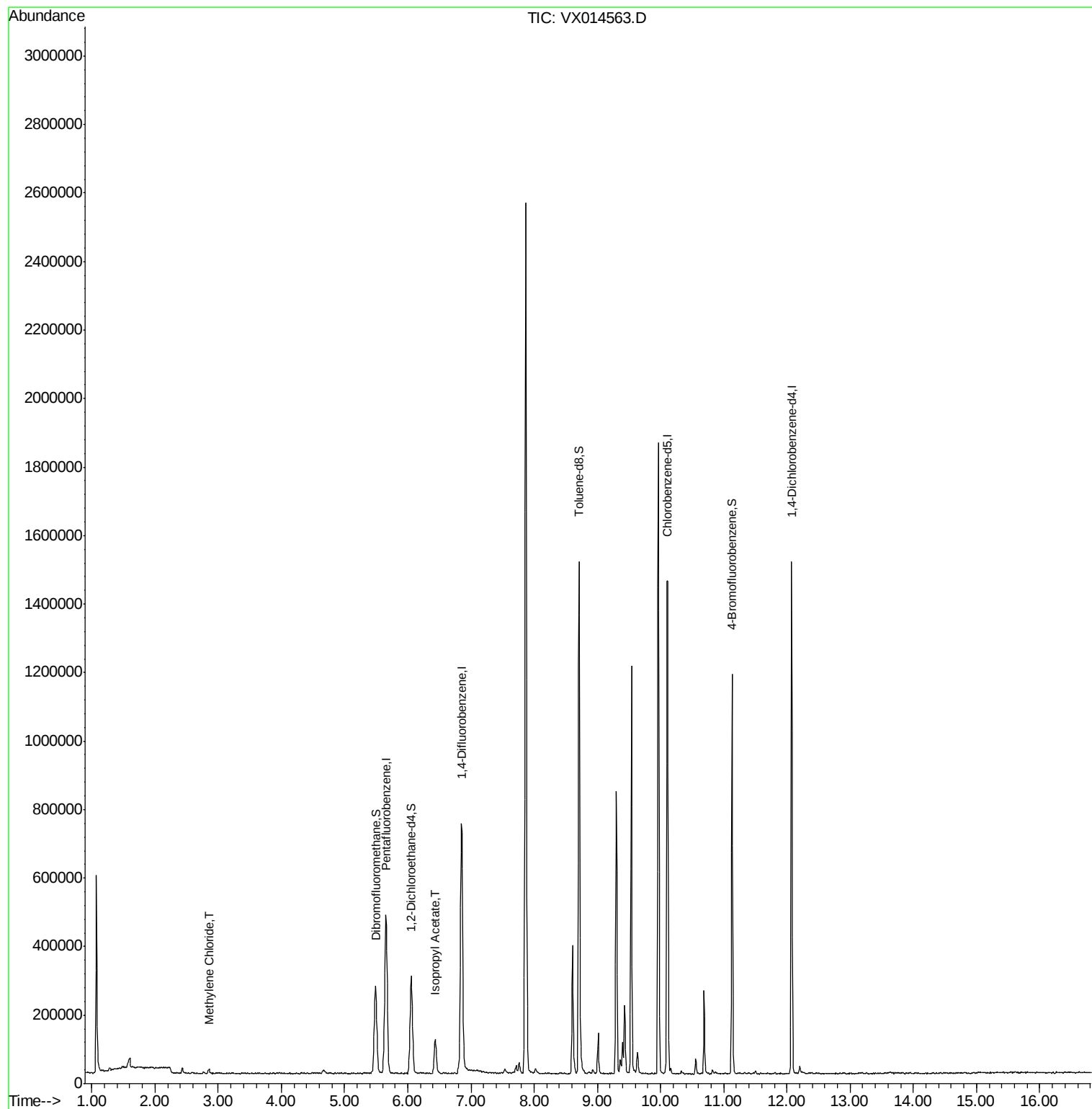
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	480590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	750780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	688575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	311592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	270882	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
35) Dibromofluoromethane	5.49	113	223094	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	8.71	98	895169	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	308856	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
Target Compounds						
20) Methylene Chloride	2.84	84	6246	1.157	ug/l #	91
43) Isopropyl Acetate	6.44	43	132880	10.726	ug/l	98

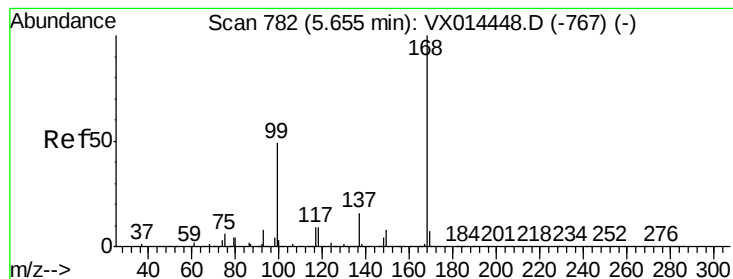
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX014563.D

Acq: 11 Jan 2020 02:26

Instrument :

MSVOA_X

ClientSampleId :

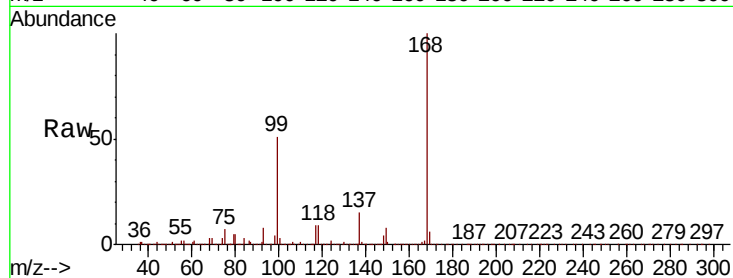
PB125993ZHE#09

Tot Ion:168 Resp: 480590

Ion Ratio Lower Upper

168 100

99 51.1 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

150000

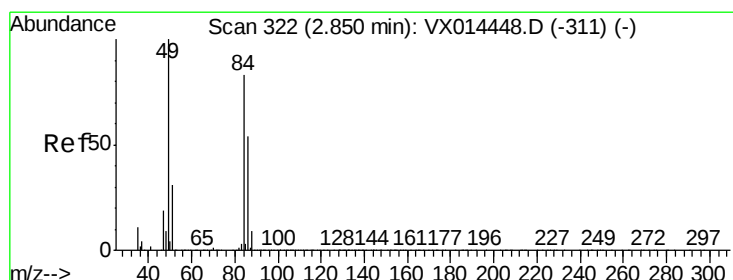
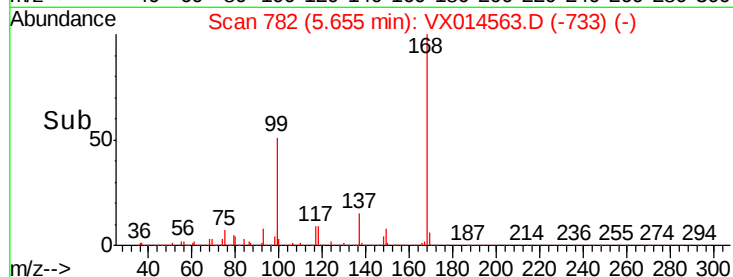
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.157 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014563.D

Acq: 11 Jan 2020 02:26

Tgt Ion: 84 Resp: 6246

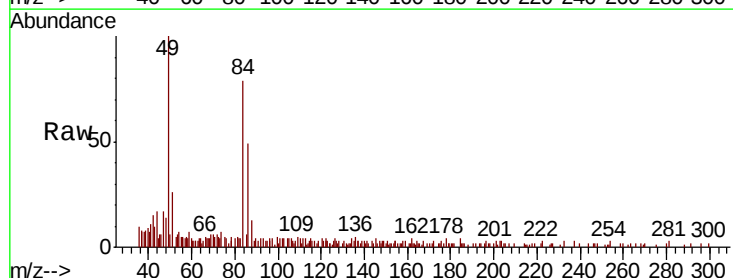
Ion Ratio Lower Upper

84 100

49 124.3 95.8 143.8

51 25.7 30.2 45.4#

86 55.1 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

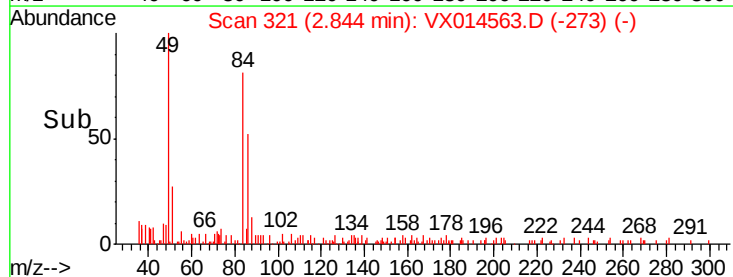
4000

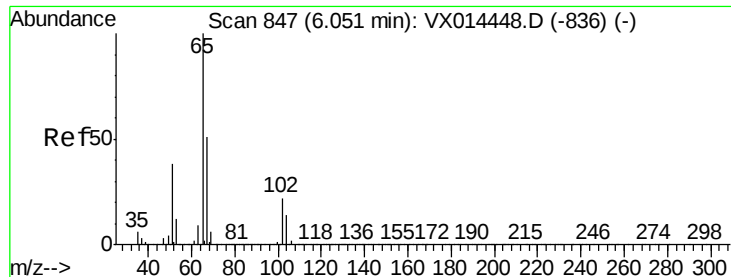
2000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 50.490 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014563.D

Acq: 11 Jan 2020 02:26

Instrument :

MSVOA_X

ClientSampleId :

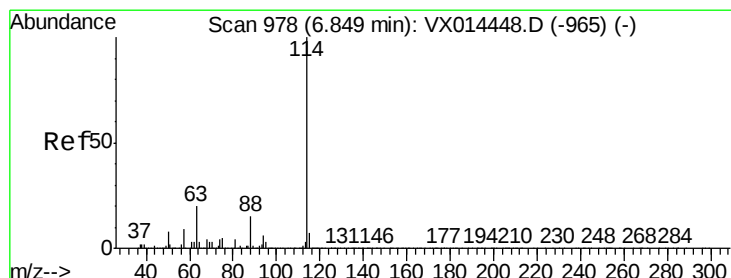
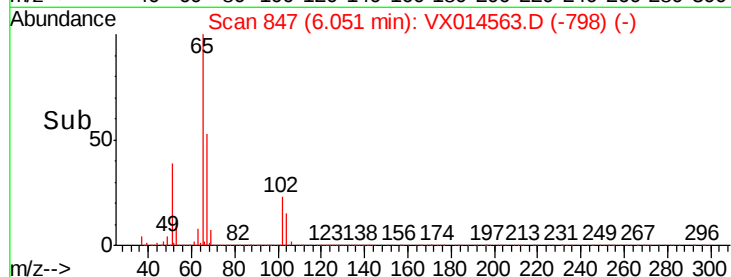
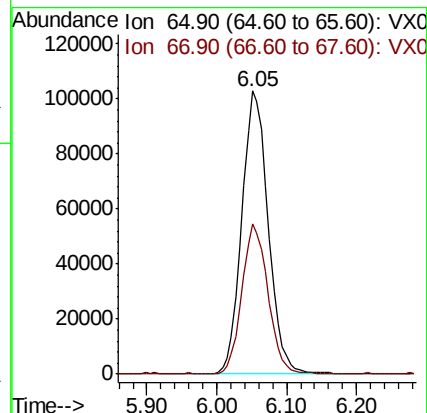
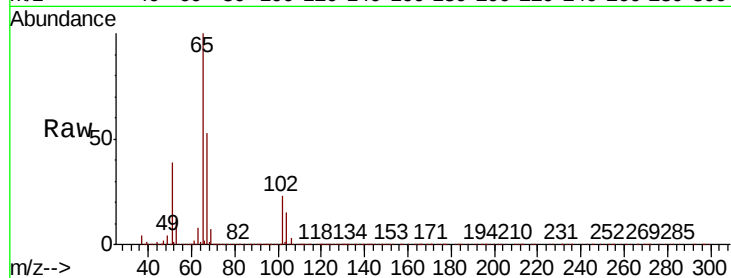
PB125993ZHE#09

Tot Ion: 65 Resp: 270882

Ion Ratio Lower Upper

65 100

67 51.9 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: VX014563.D

Acq: 11 Jan 2020 02:26

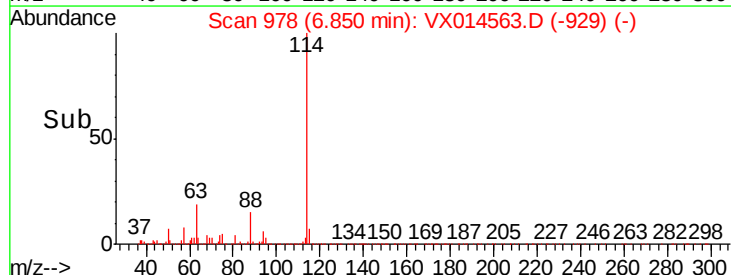
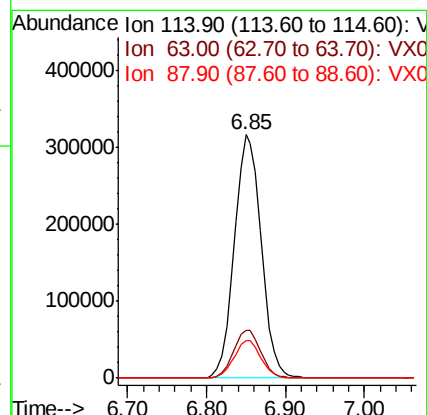
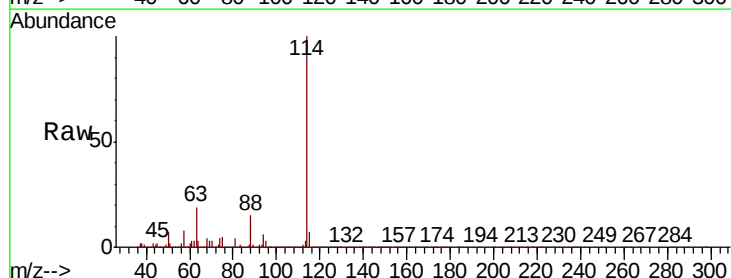
Tgt Ion: 114 Resp: 750780

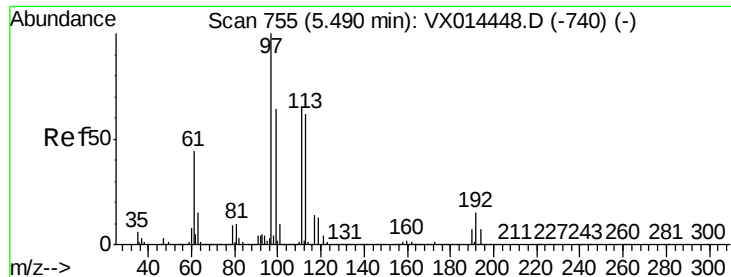
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.088 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014563.D

Acq: 11 Jan 2020 02:26

Instrument :
MSVOA_X
ClientSampleId :
PB125993ZHE#09

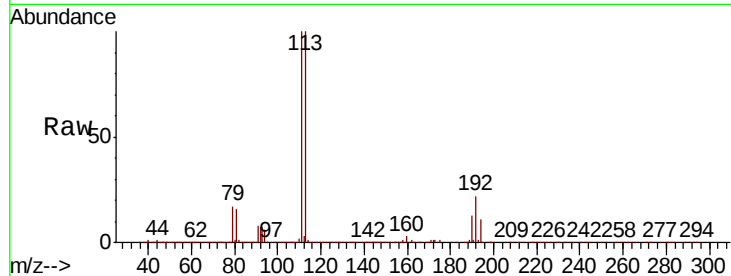
Tot Ion:113 Resp: 223094

Ion Ratio Lower Upper

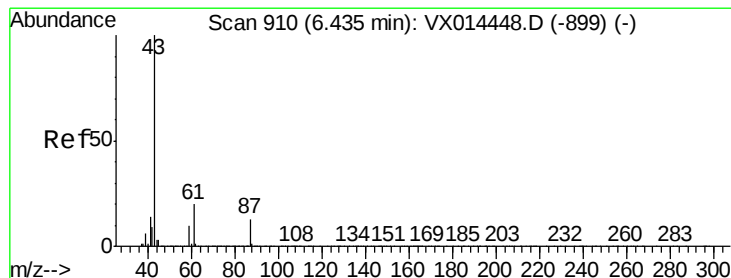
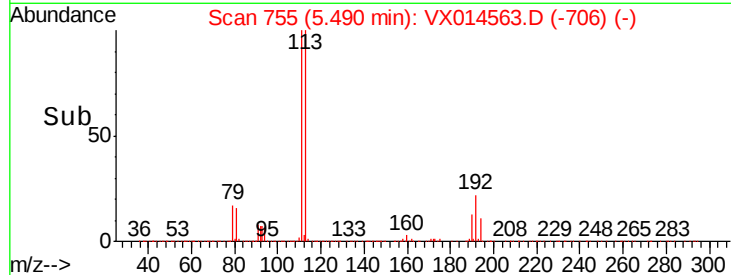
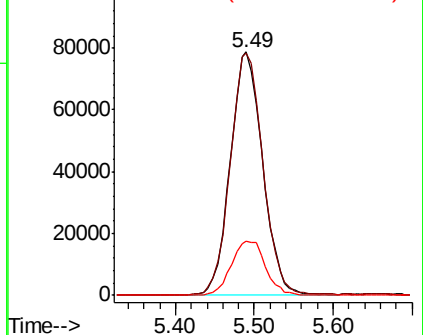
113 100

111 100.9 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: 10.726 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014563.D

Acq: 11 Jan 2020 02:26

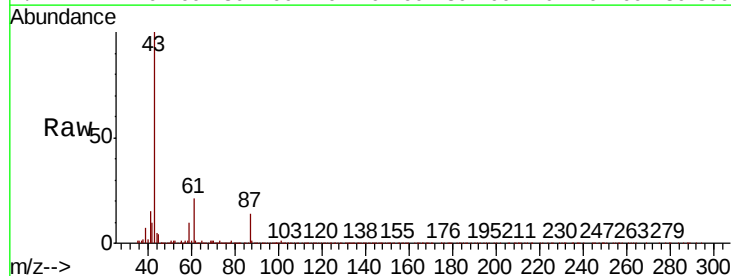
Tgt Ion: 43 Resp: 132880

Ion Ratio Lower Upper

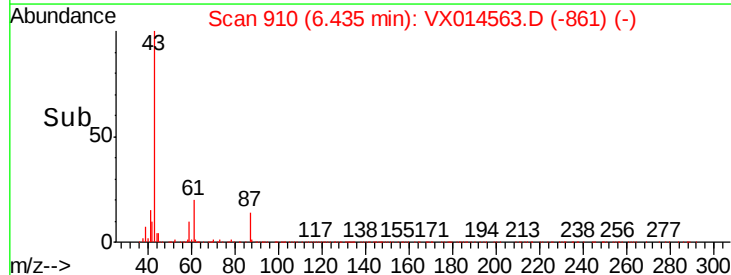
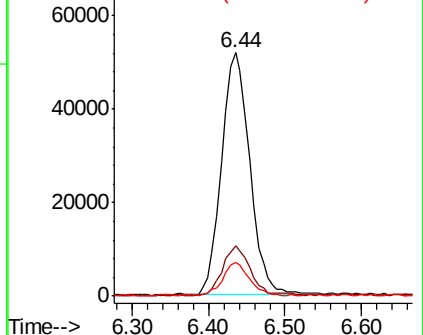
43 100

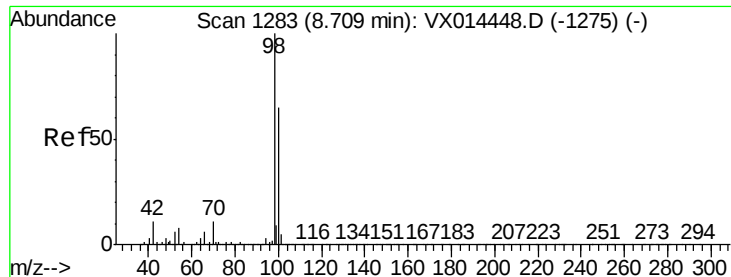
61 19.3 16.6 24.8

87 13.6 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: 50.756 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014563.D

Acq: 11 Jan 2020 02:26

Instrument :

MSVOA_X

ClientSampleId :

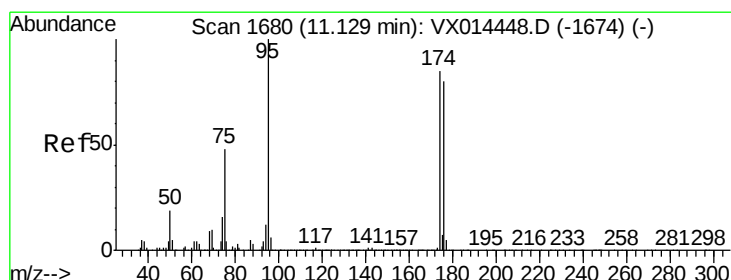
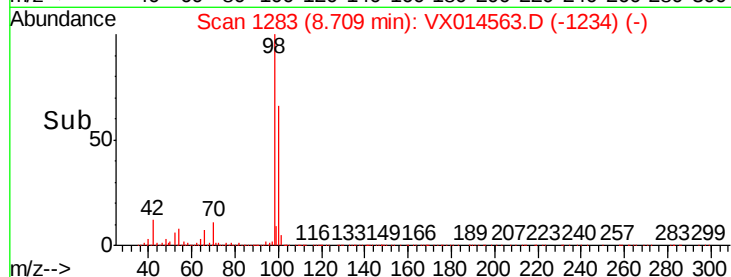
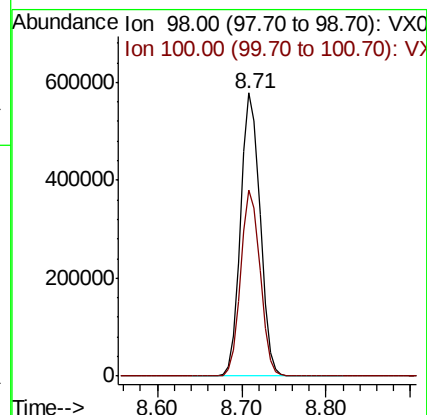
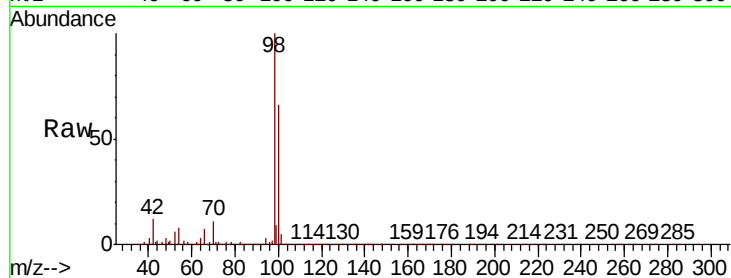
PB125993ZHE#09

Tot Ion: 98 Resp: 895169

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.702 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014563.D

Acq: 11 Jan 2020 02:26

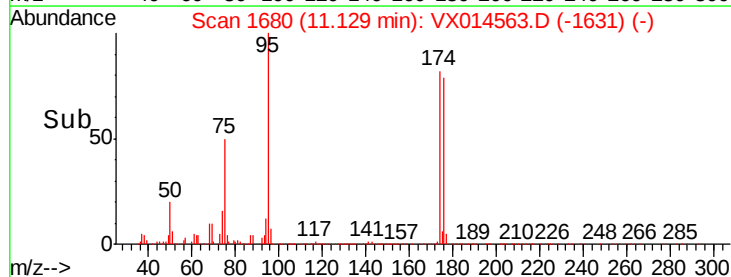
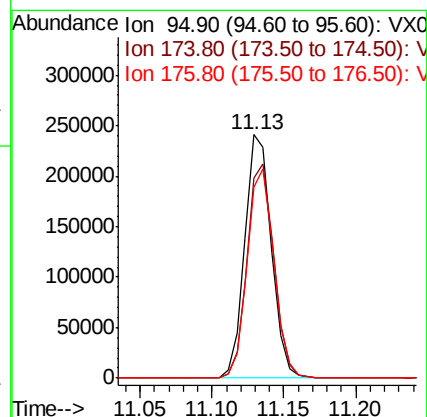
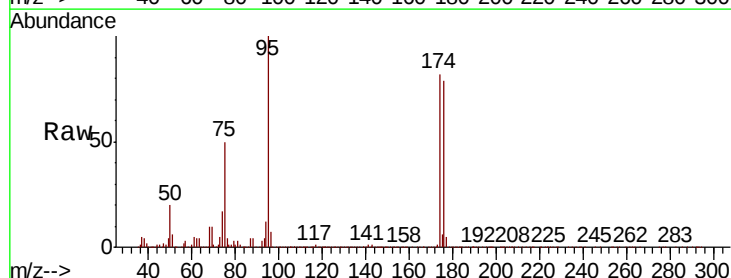
Tgt Ion: 95 Resp: 308856

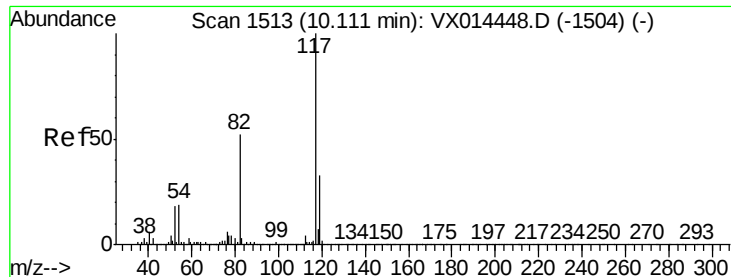
Ion Ratio Lower Upper

95 100

174 88.5 0.0 180.8

176 86.4 0.0 172.8

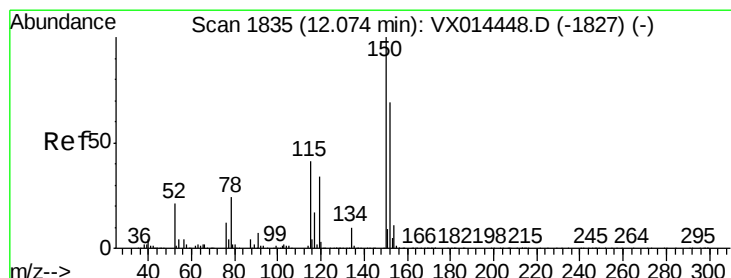
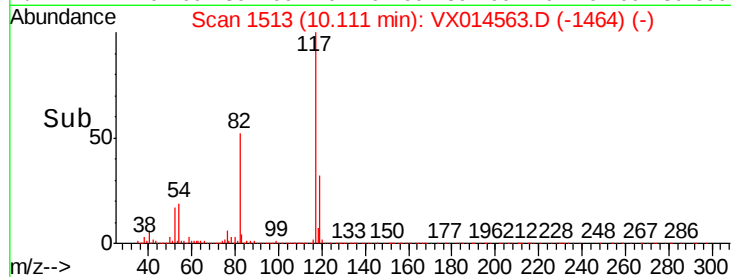
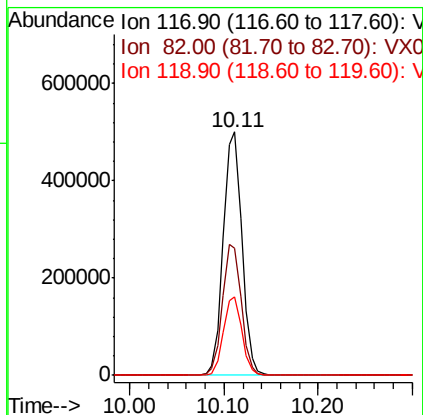
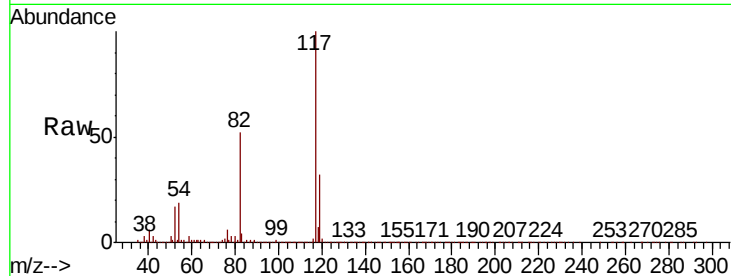




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014563.D
Acq: 11 Jan 2020 02:26

Instrument :
MSVOA_X
ClientSampleId :
PB125993ZHE#09

Tot Ion:117 Resp: 688575
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 32.3 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: VX014563.D
Acq: 11 Jan 2020 02:26

Tgt Ion:152 Resp: 311592
Ion Ratio Lower Upper
152 100
115 54.7 39.5 118.3
150 157.3 0.0 350.2

