

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014569.D
 Acq On : 11 Jan 2020 04:45
 Operator : JC/SP
 Sample : PB125993ZHE#15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125993ZHE#15

Quant Time: Jan 11 05:58:53 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

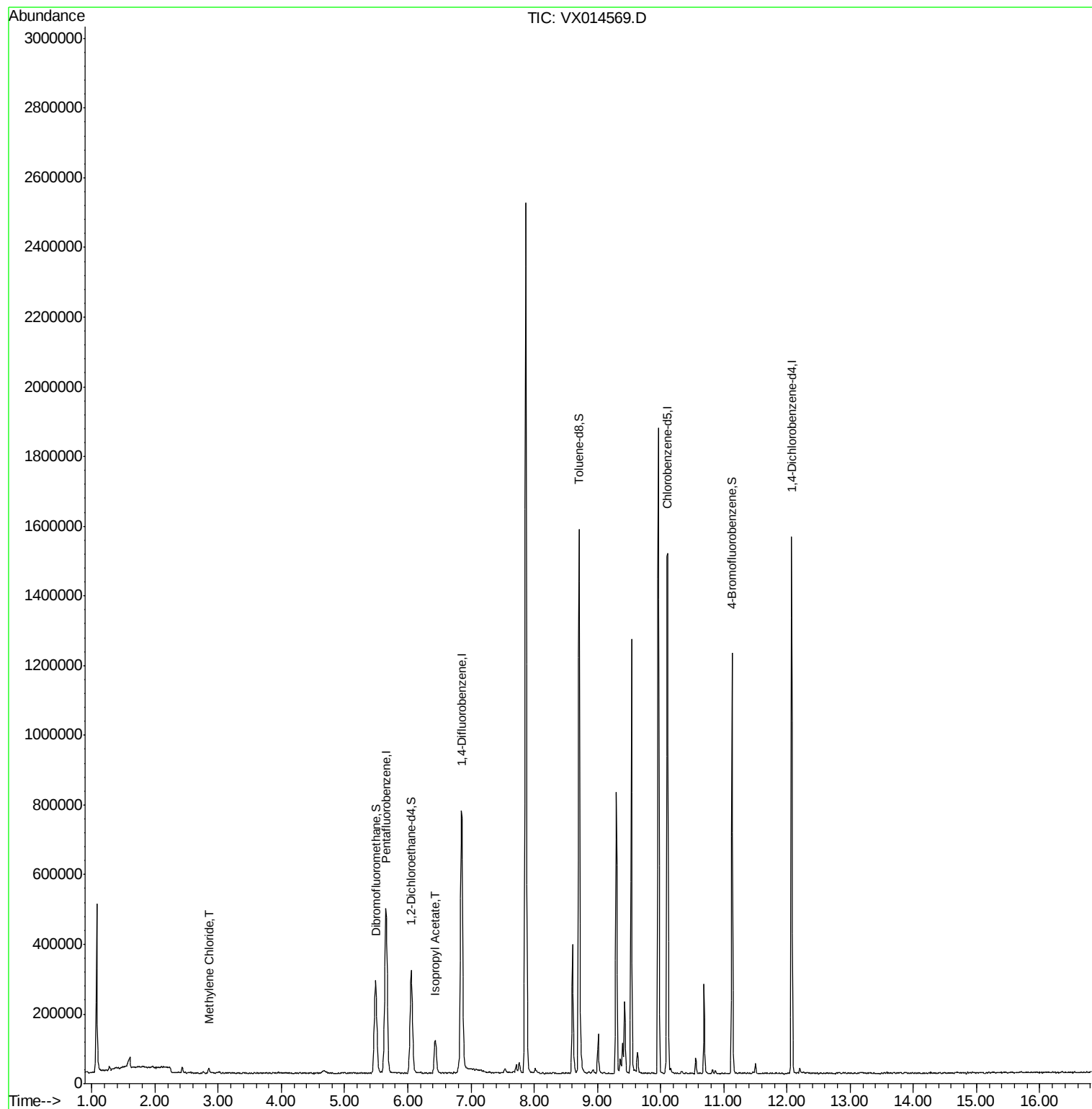
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	497411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	768666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	714358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	277011	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
35) Dibromofluoromethane	5.49	113	228074	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	8.71	98	935070	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.13	95	320908	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
20) Methylene Chloride	2.85	84	7652	1.370	ug/l #	91
43) Isopropyl Acetate	6.43	43	135362	10.672	ug/l	98

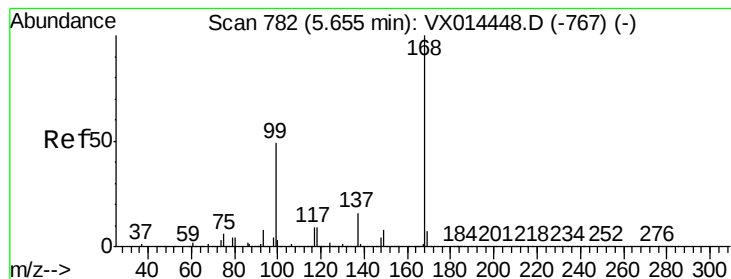
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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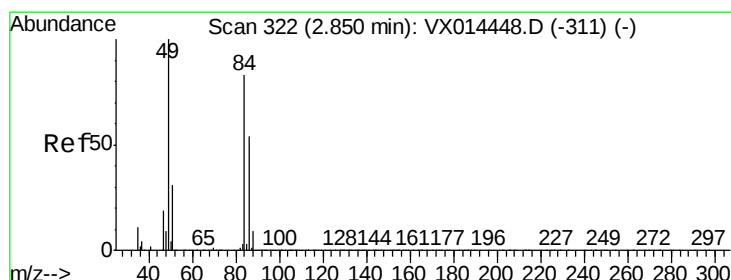
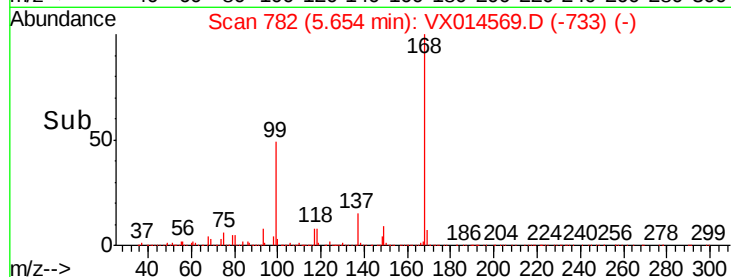
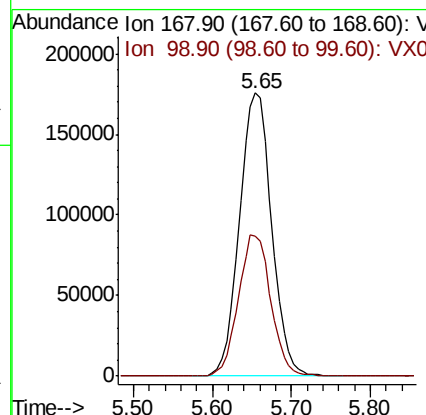
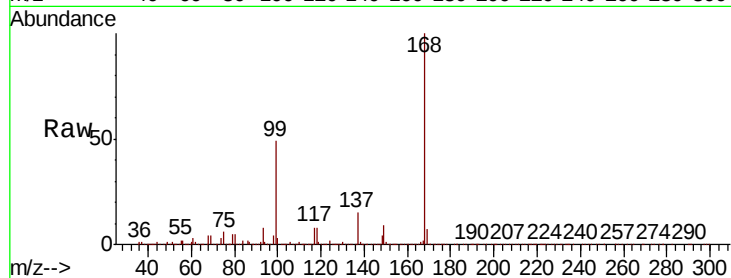


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX014569.D
 Acq: 11 Jan 2020 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125993ZHE#15

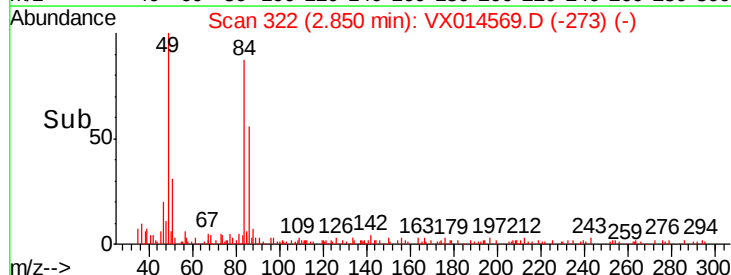
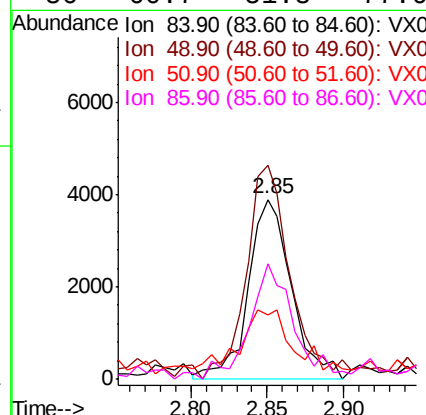
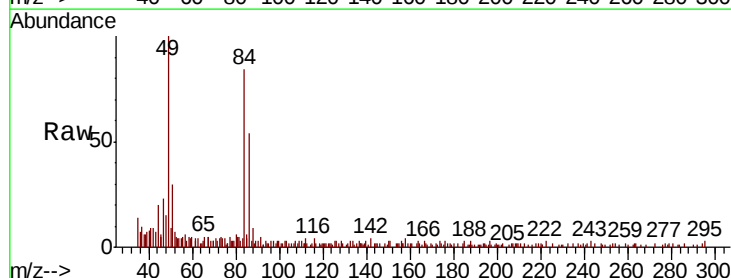
Tot Ion:168 Resp: 497411
 Ion Ratio Lower Upper
 168 100
 99 49.4 39.2 58.8

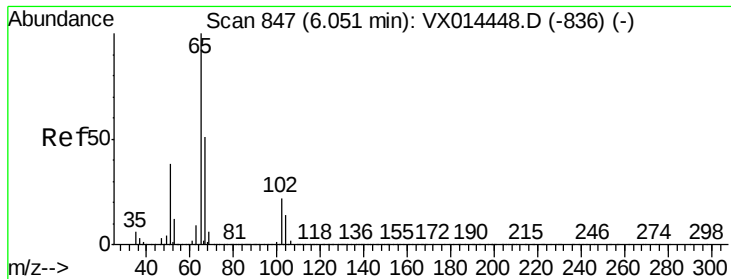


#20

Methylene Chloride
 Concen: 1.370 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014569.D
 Acq: 11 Jan 2020 04:45

Tgt Ion: 84 Resp: 7652
 Ion Ratio Lower Upper
 84 100
 49 108.6 95.8 143.8
 51 29.5 30.2 45.4#
 86 60.7 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 49.887 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014569.D

Acq: 11 Jan 2020 04:45

Instrument :

MSVOA_X

ClientSampleId :

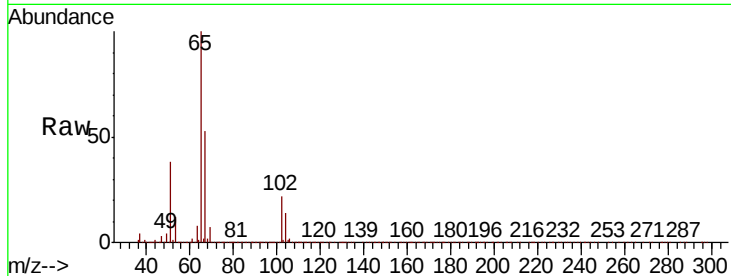
PB125993ZHE#15

Tot Ion: 65 Resp: 277011

Ion Ratio Lower Upper

65 100

67 53.3 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

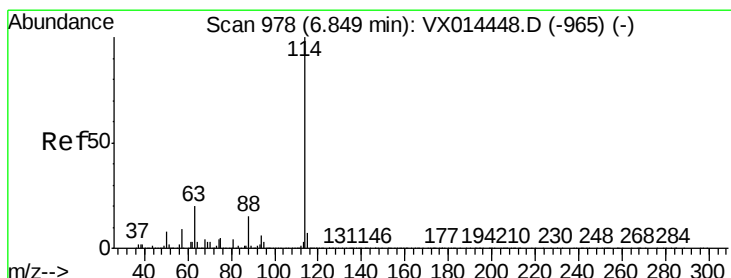
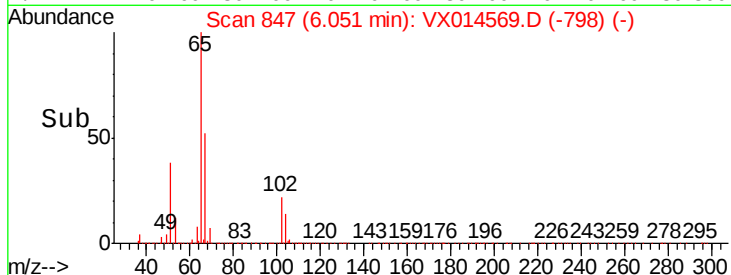
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014569.D

Acq: 11 Jan 2020 04:45

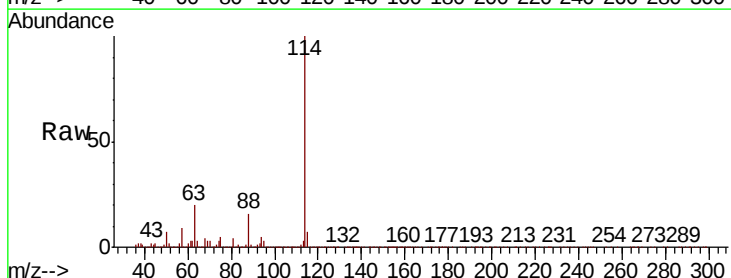
Tgt Ion: 114 Resp: 768666

Ion Ratio Lower Upper

114 100

63 20.1 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

6.85

400000

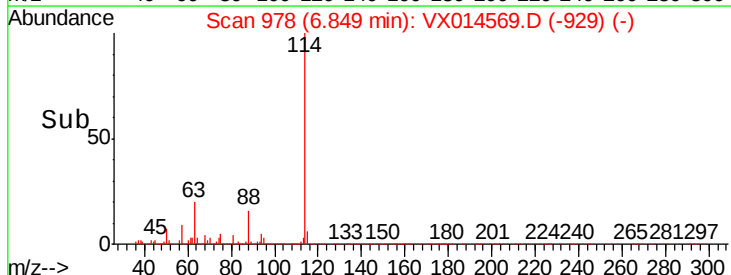
300000

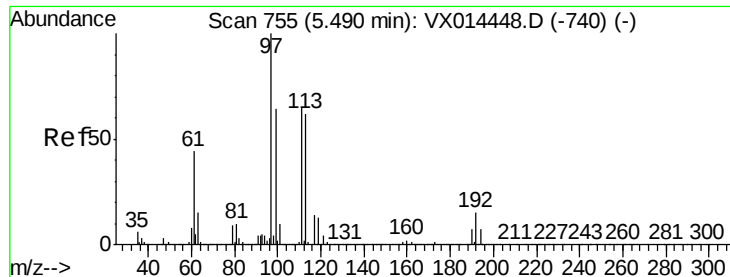
200000

100000

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Time-->

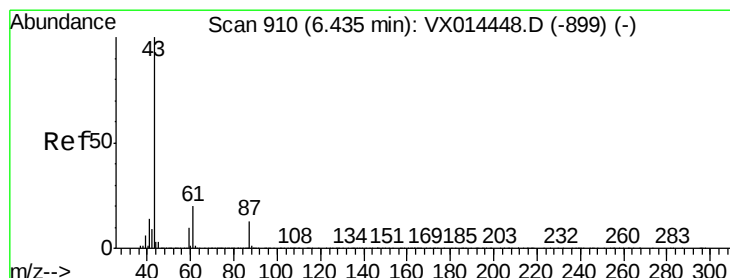
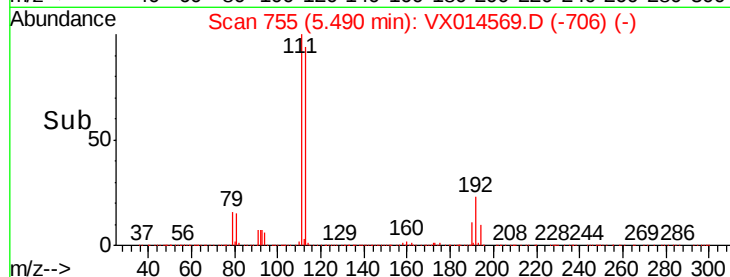
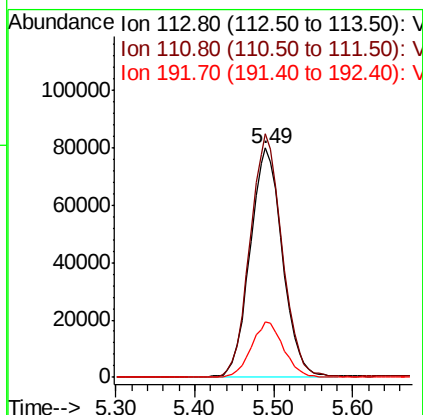
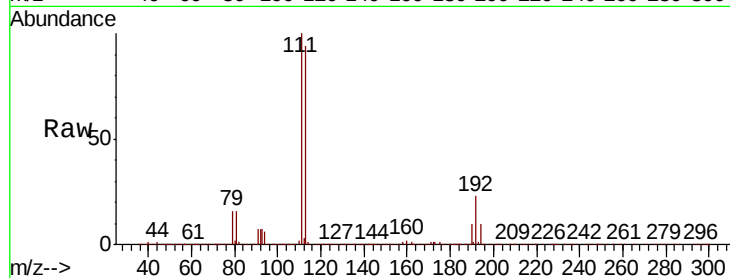




#35
 Dibromofluoromethane
 Concen: 49.016 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014569.D
 Acq: 11 Jan 2020 04:45

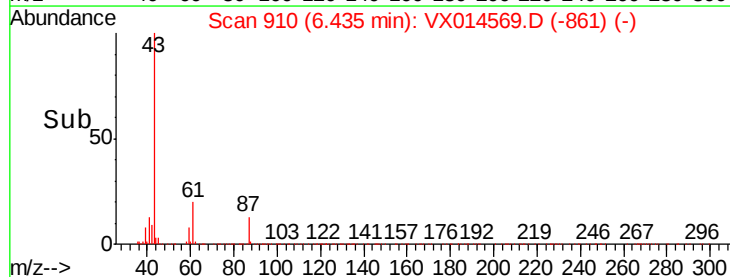
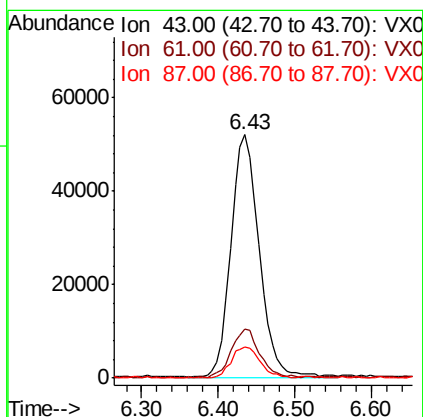
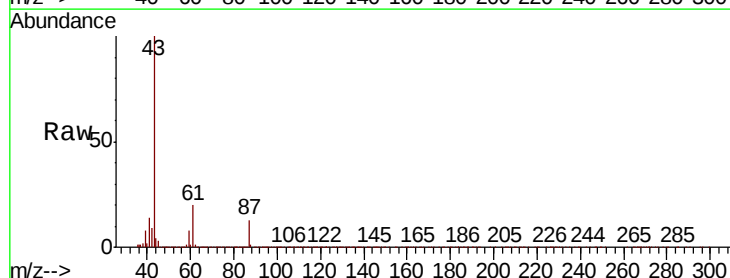
Instrument :
 MSVOA_X
 ClientSampleId :
 PB125993ZHE#15

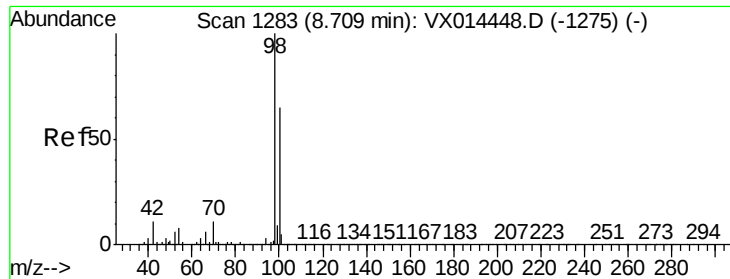
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.5	122.3
192	23.9	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 10.672 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX014569.D
 Acq: 11 Jan 2020 04:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.6	24.8
87	12.8	10.8	16.2





#50

Toluene-d8

Concen: 51.784 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014569.D

Acq: 11 Jan 2020 04:45

Instrument :

MSVOA_X

ClientSampleId :

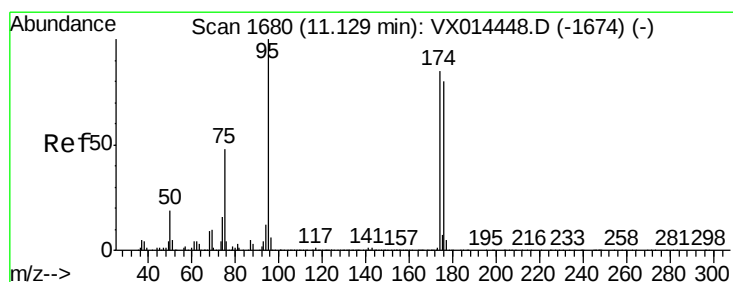
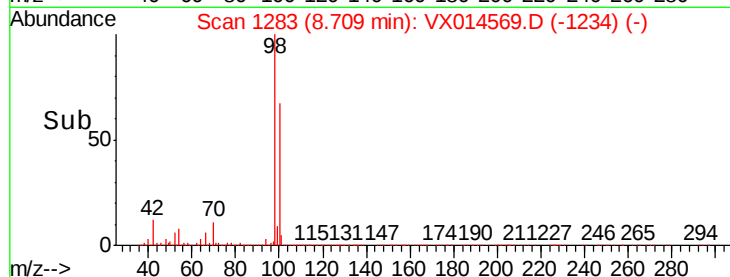
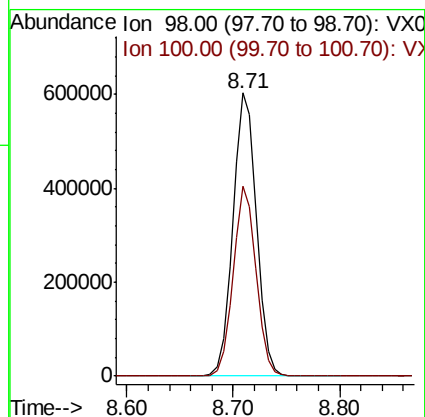
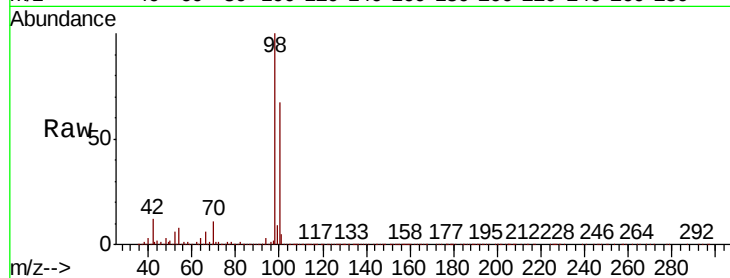
PB125993ZHE#15

Tot Ion: 98 Resp: 935070

Ion Ratio Lower Upper

98 100

100 65.3 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 48.410 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014569.D

Acq: 11 Jan 2020 04:45

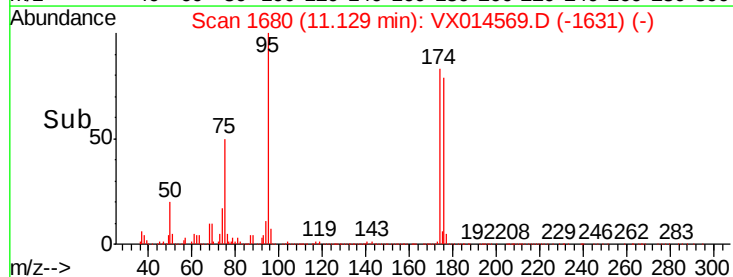
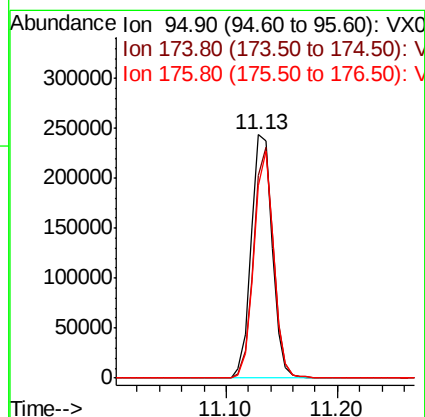
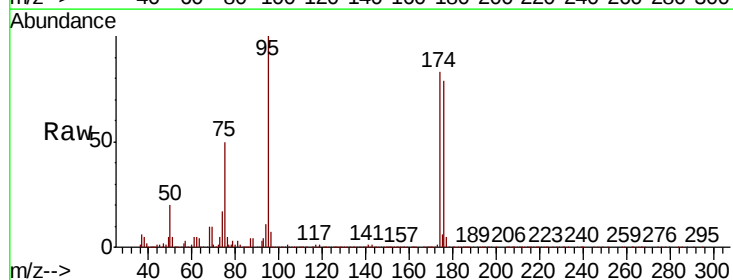
Tgt Ion: 95 Resp: 320908

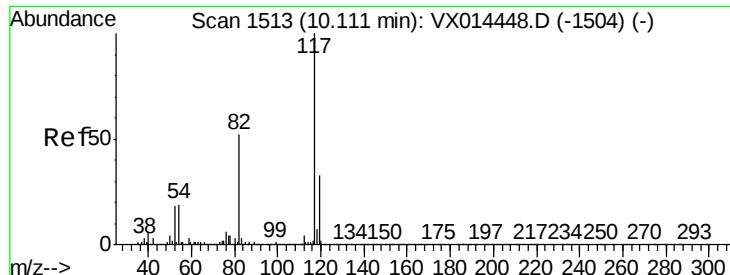
Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.8

176 87.1 0.0 172.8

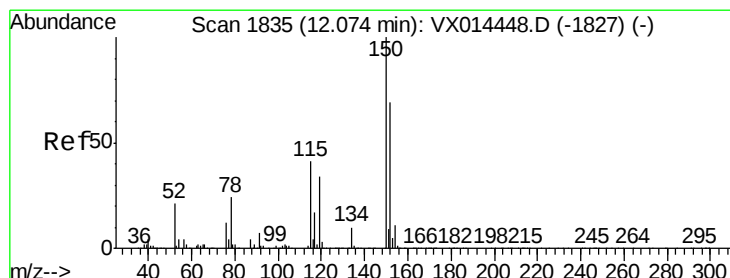
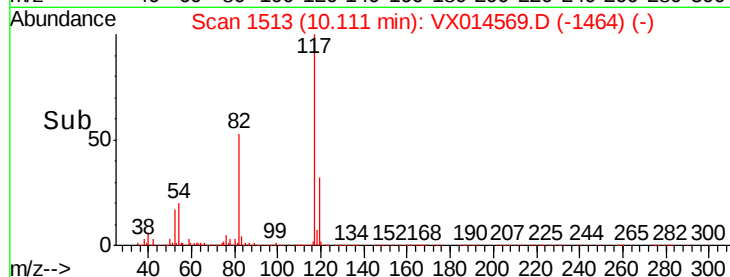
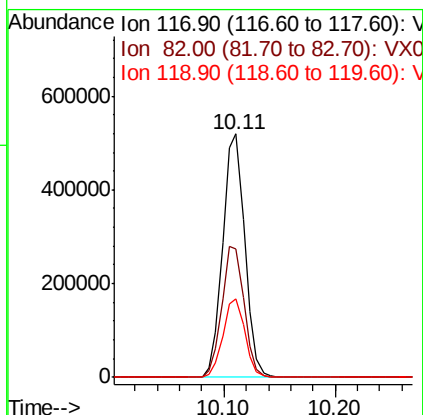
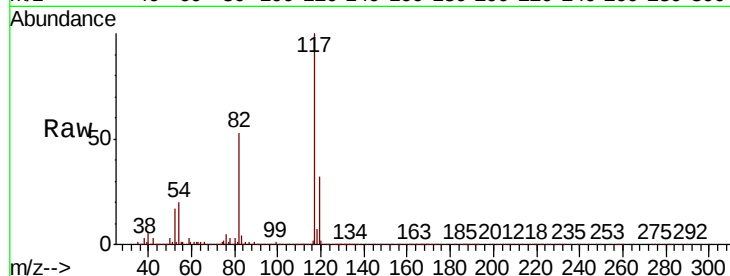




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014569.D
Acq: 11 Jan 2020 04:45

Instrument :
MSVOA_X
ClientSampleId :
PB125993ZHE#15

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.6
119	32.1	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: VX014569.D
Acq: 11 Jan 2020 04:45

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

