

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011320\
 Data File : VX014583.D
 Acq On : 13 Jan 2020 13:48
 Operator : JC/SP
 Sample : PB126026TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB126026TB

Quant Time: Jan 14 13:40:20 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

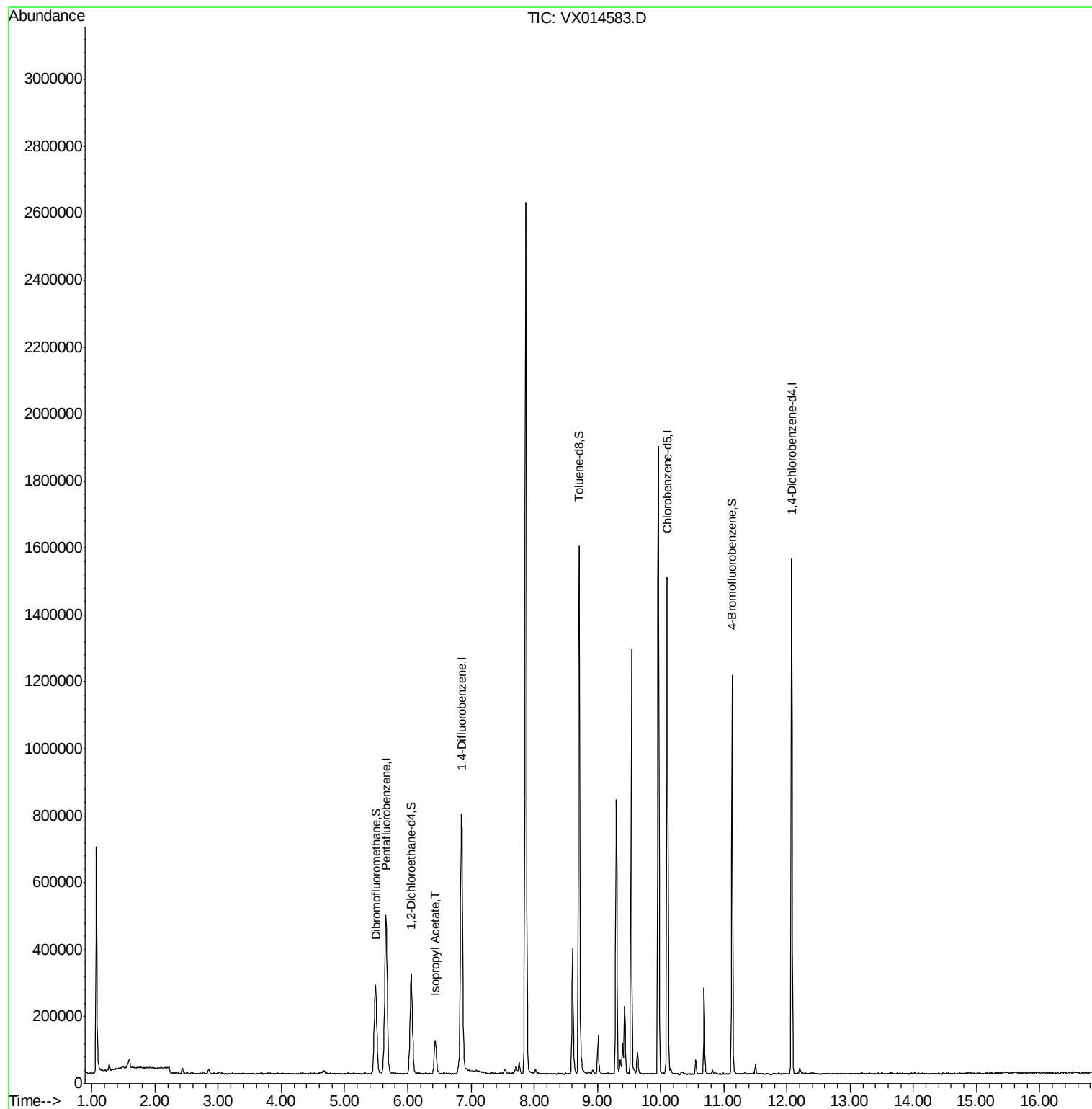
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	492021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	774265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	700315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	311665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	274444	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	5.49	113	229997	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	921281	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.13	95	316724	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
Target Compounds						
43) Isopropyl Acetate	6.43	43	139019	10.881	ug/l	Qvalue 99

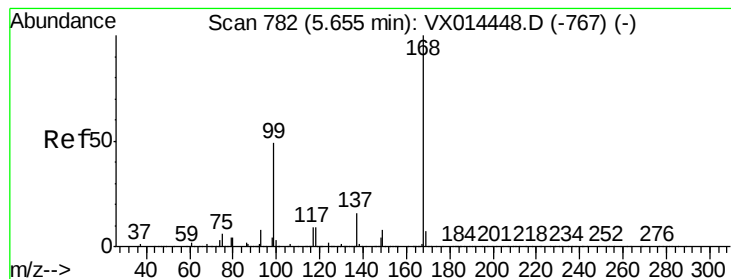
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014583.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_X

ClientSampleId :

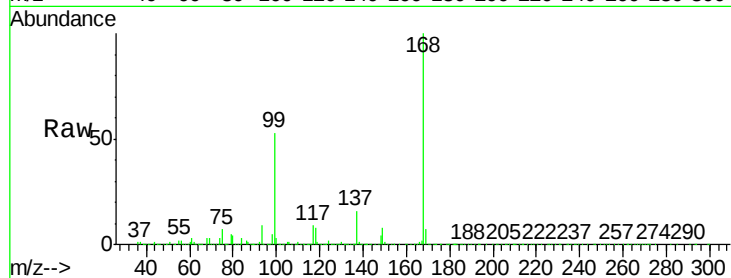
PB126026TB

Tot Ion:168 Resp: 492021

Ion Ratio Lower Upper

168 100

99 52.5 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

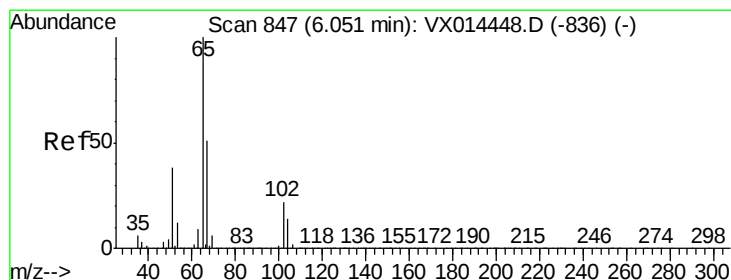
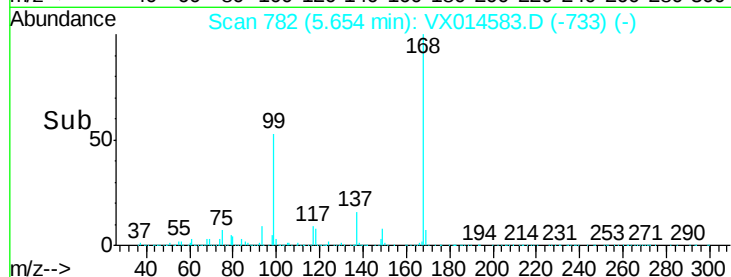
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.966 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014583.D

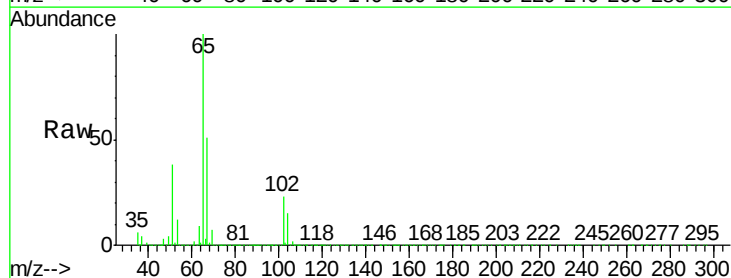
Acq: 13 Jan 2020 13:48

Tgt Ion: 65 Resp: 274444

Ion Ratio Lower Upper

65 100

67 52.7 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

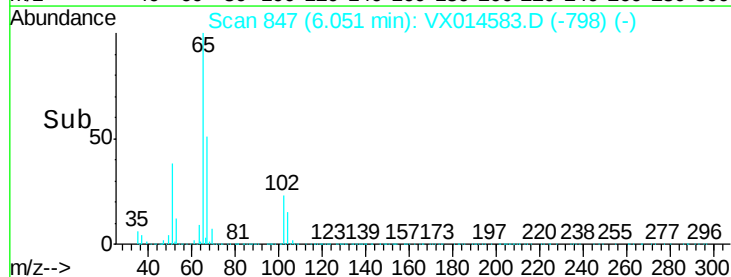
60000

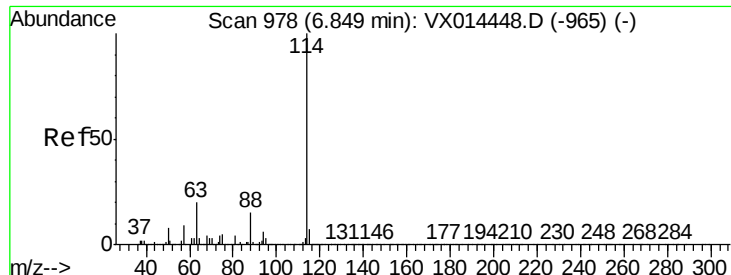
40000

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: VX014583.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_X

ClientSampleId :

PB126026TB

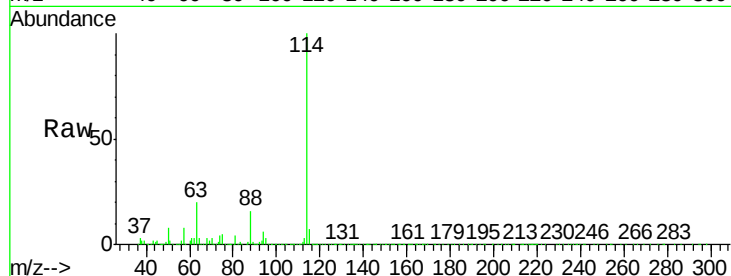
Tot Ion:114 Resp: 774265

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

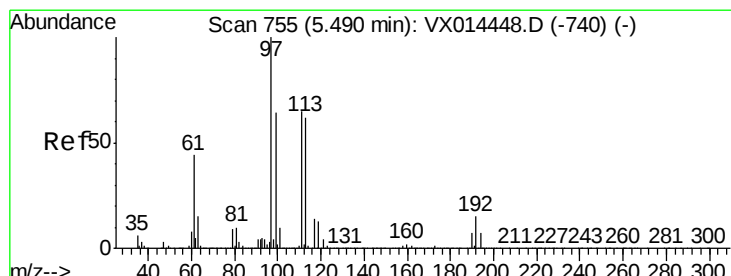
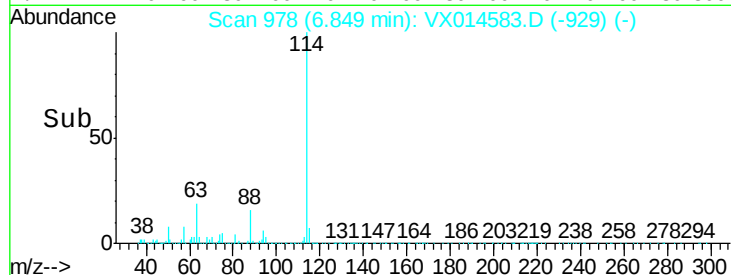
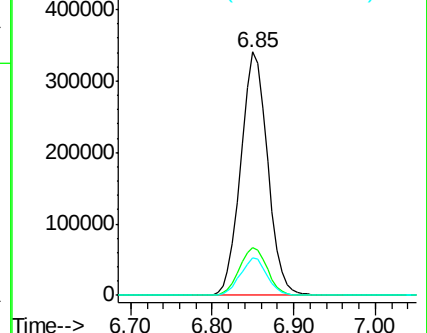
88 15.5 0.0 30.8



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: 49.072 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014583.D

Acq: 13 Jan 2020 13:48

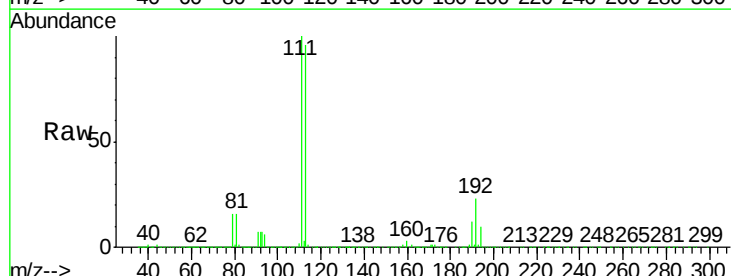
Tgt Ion:113 Resp: 229997

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

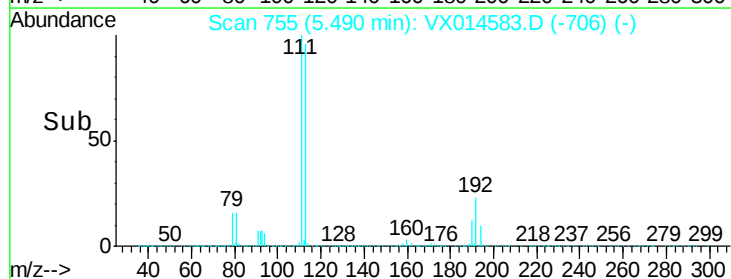
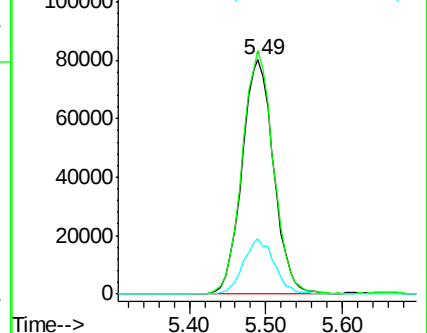
192 23.3 19.2 28.8

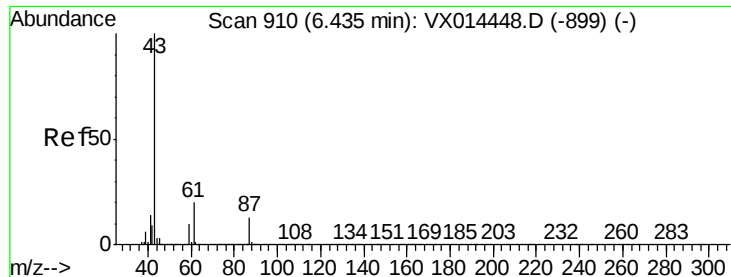


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



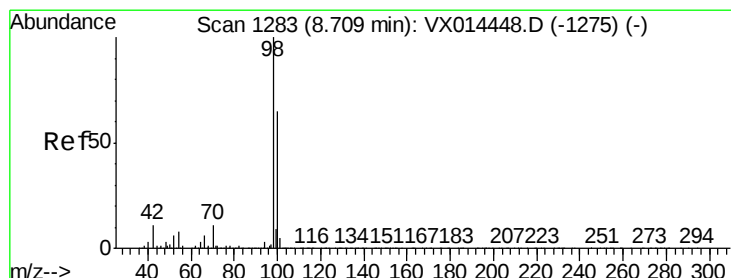
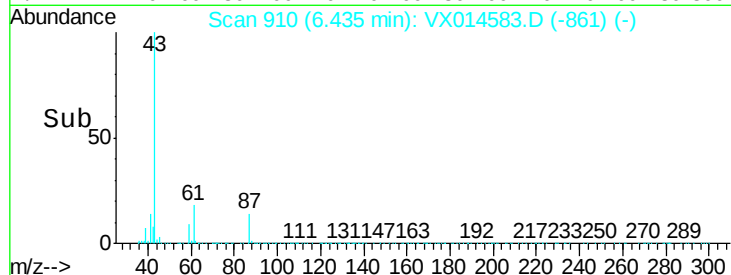
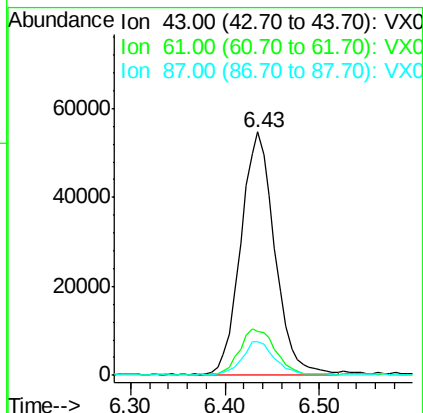
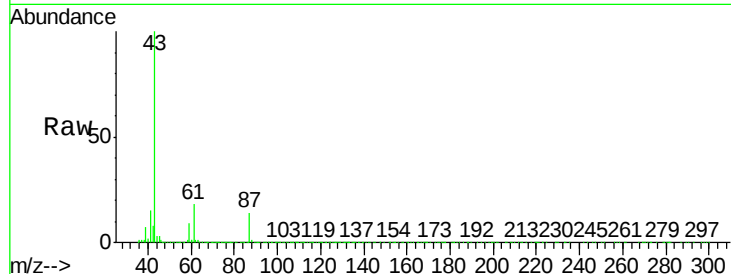


#43

Isopropyl Acetate
 Concen: 10.881 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX014583.D
 Acq: 13 Jan 2020 13:48

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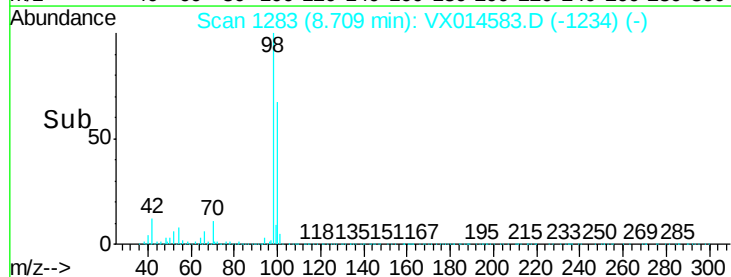
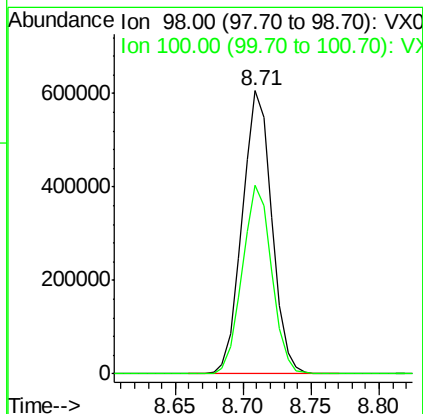
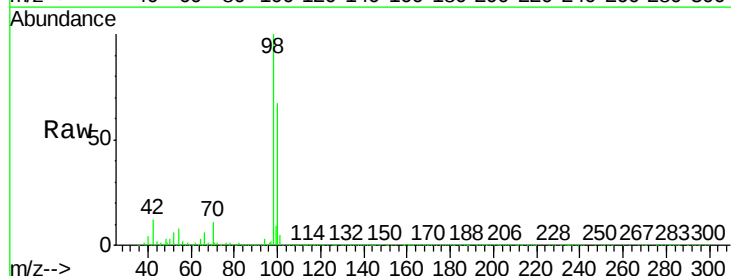
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.6	24.8
87	13.6	10.8	16.2

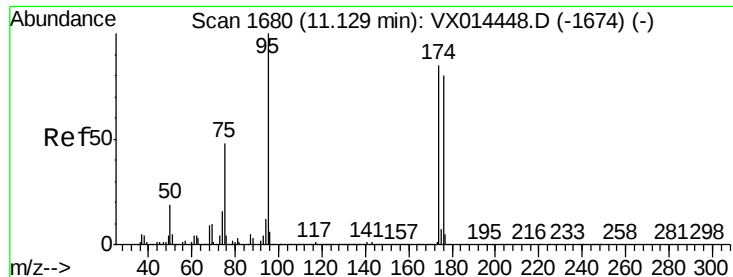


#50

Toluene-d8
 Concen: 50.652 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX014583.D
 Acq: 13 Jan 2020 13:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8

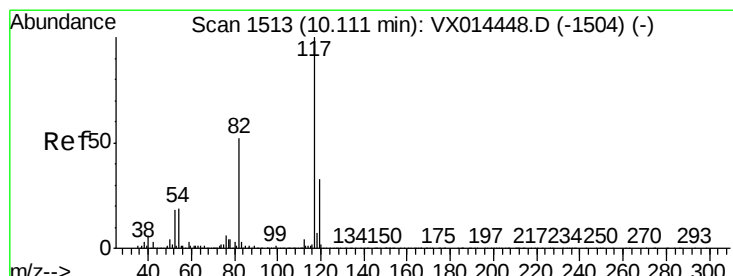
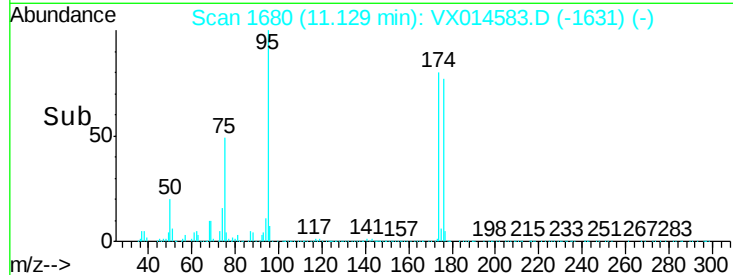
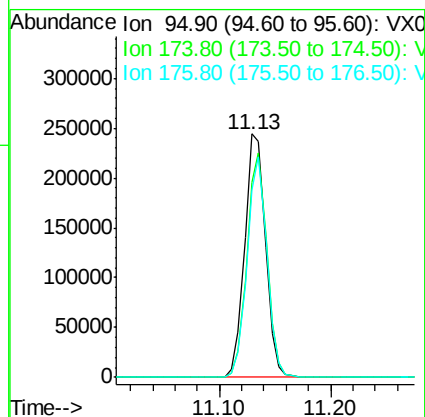
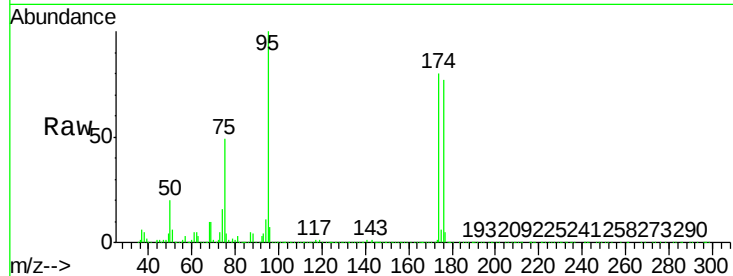




#62
4-Bromofluorobenzene
Concen: 47.434 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014583.D
Acq: 13 Jan 2020 13:48

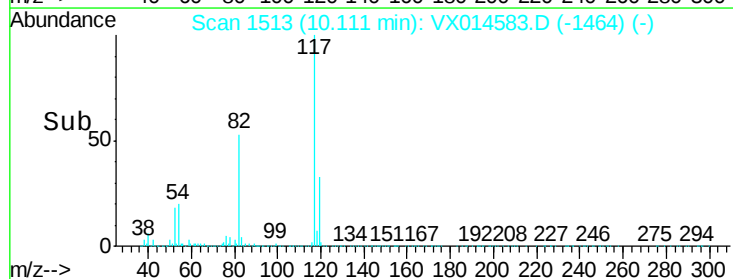
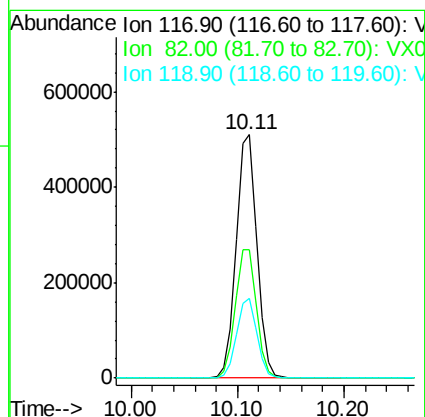
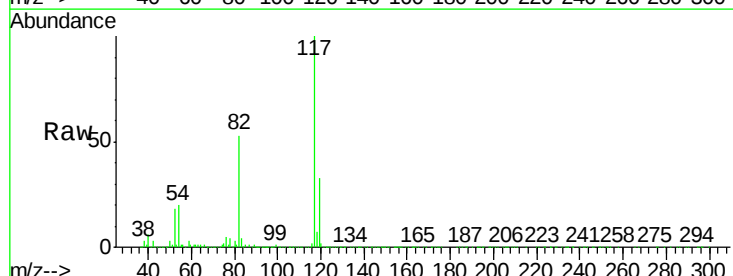
Instrument :
MSVOA_X
ClientSampleId :
PB126026TB

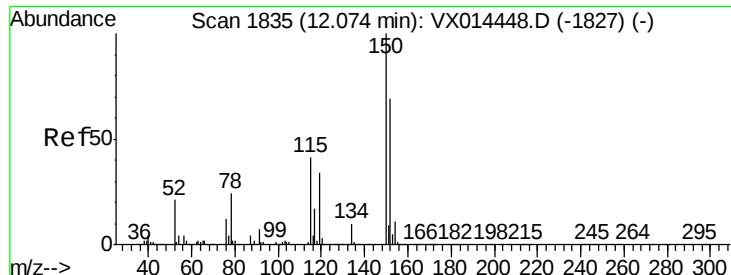
Tot Ion: 95 Resp: 316724
Ion Ratio Lower Upper
95 100
174 88.6 0.0 180.8
176 86.2 0.0 172.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014583.D
Acq: 13 Jan 2020 13:48

Tgt Ion: 117 Resp: 700315
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.6
119 32.9 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: VX014583.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_X

ClientSampleId :

PB126026TB

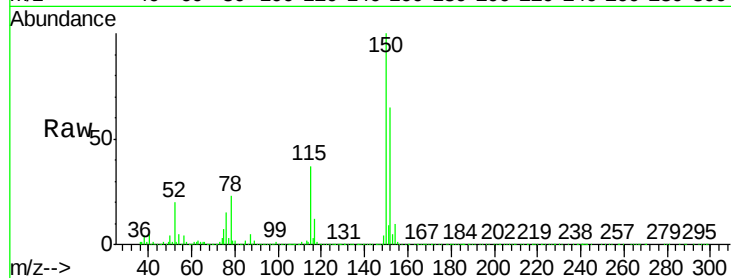
Tot Ion:152 Resp: 311665

Ion Ratio Lower Upper

152 100

115 56.2 39.5 118.3

150 157.6 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

