

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014364.D
 Acq On : 30 Dec 2019 19:16
 Operator : JC/SP
 Sample : PB125776TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125776TB

Quant Time: Dec 31 03:41:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

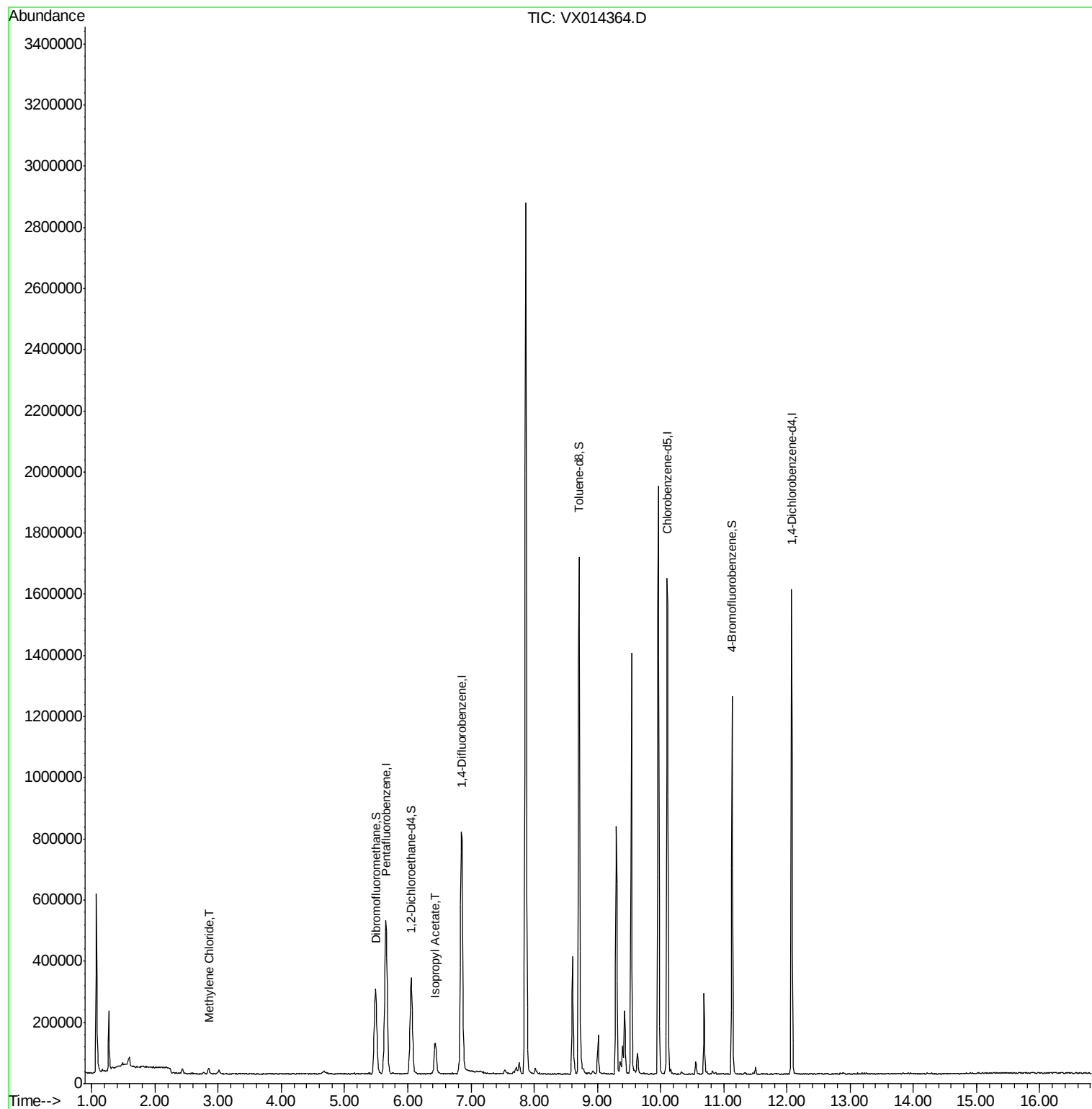
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	524552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	814481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	293701	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	5.49	113	244237	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	988252	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	11.13	95	332358	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
Target Compounds						
20) Methylene Chloride	2.85	84	9607	1.581	ug/l	89
43) Isopropyl Acetate	6.43	43	146912	10.757	ug/l	98

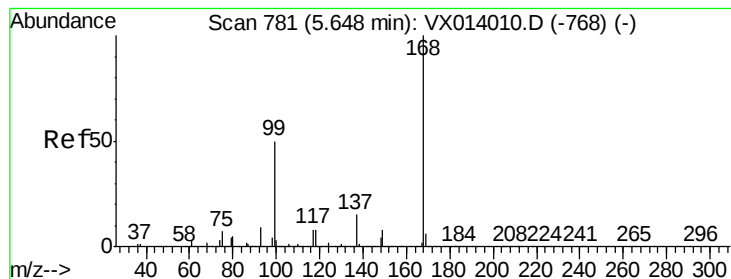
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014364.D

Acq: 30 Dec 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

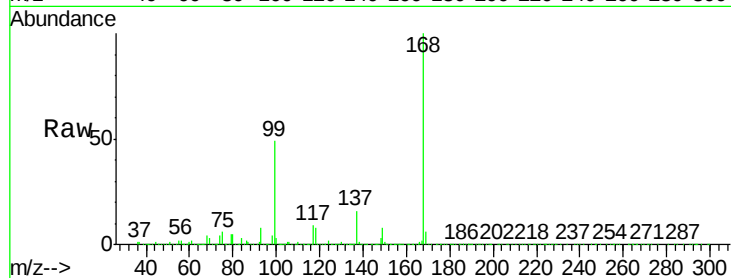
PB125776TB

Tot Ion:168 Resp: 524552

Ion Ratio Lower Upper

168 100

99 49.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

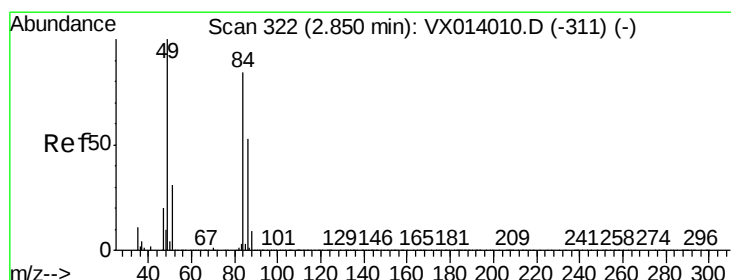
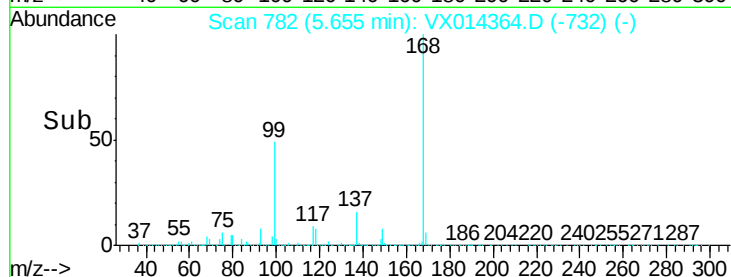
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.581 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014364.D

Acq: 30 Dec 2019 19:16

Tgt Ion: 84 Resp: 9607

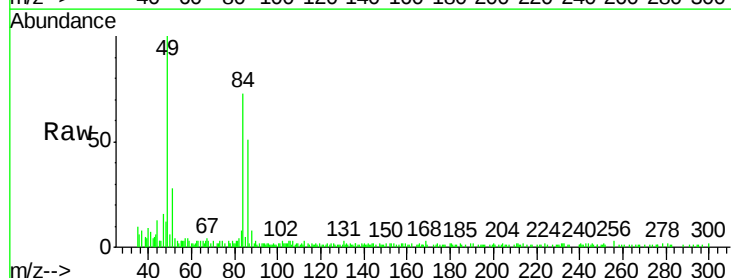
Ion Ratio Lower Upper

84 100

49 136.4 95.8 143.6

51 31.4 29.8 44.8

86 65.8 50.8 76.2



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

10000

8000

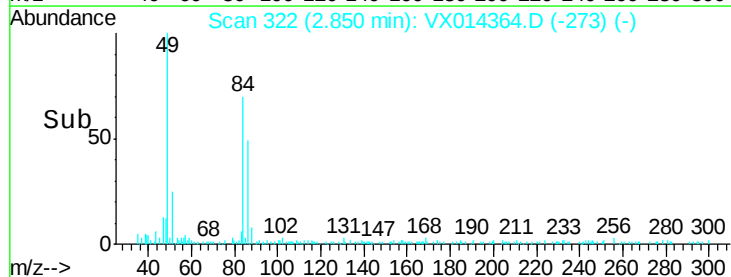
6000

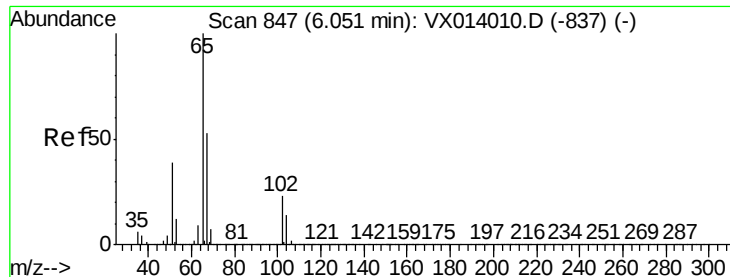
4000

2000

0

Time--> 2.75 2.80 2.85 2.90





#33

1,2-Dichloroethane-d4

Concen: 49.402 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014364.D

Acq: 30 Dec 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

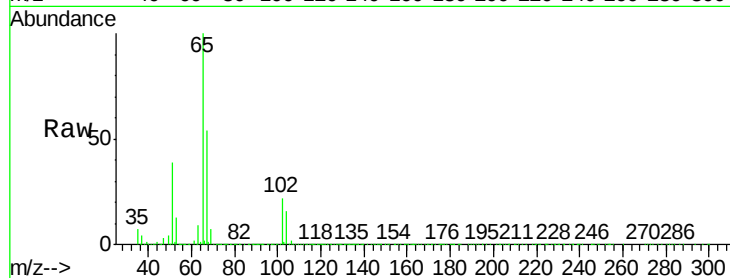
PB125776TB

Tot Ion: 65 Resp: 293701

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.4



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

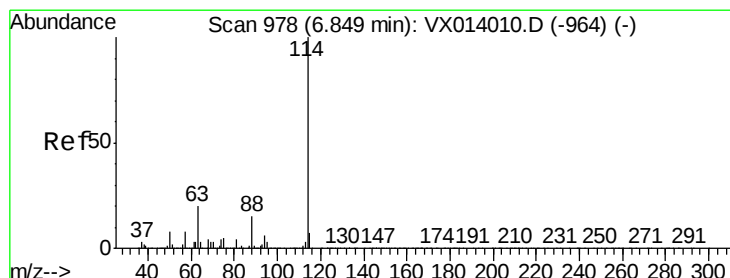
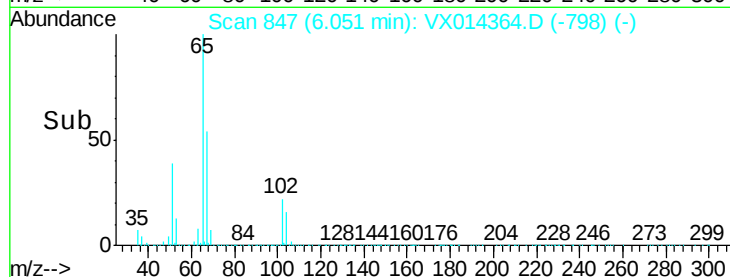
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014364.D

Acq: 30 Dec 2019 19:16

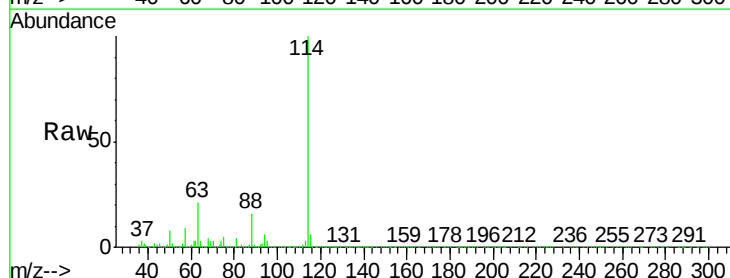
Tgt Ion: 114 Resp: 814481

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.9 0.0 30.4



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

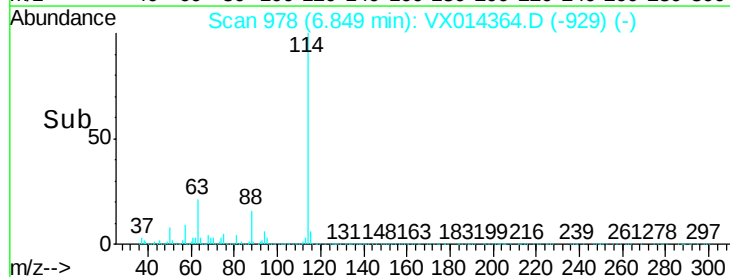
200000

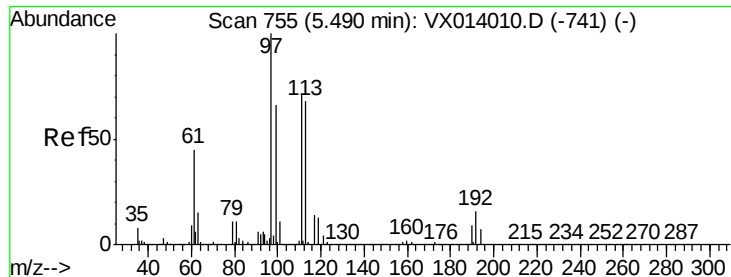
100000

0

Time-->

6.70 6.80 6.90 7.00

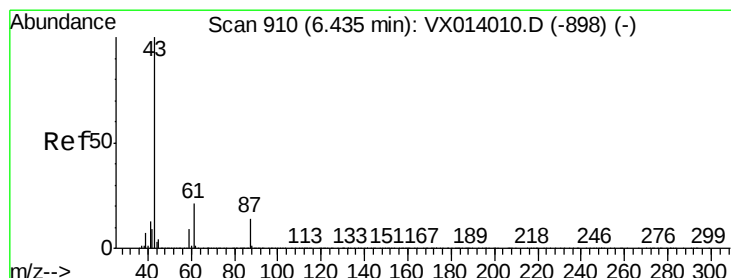
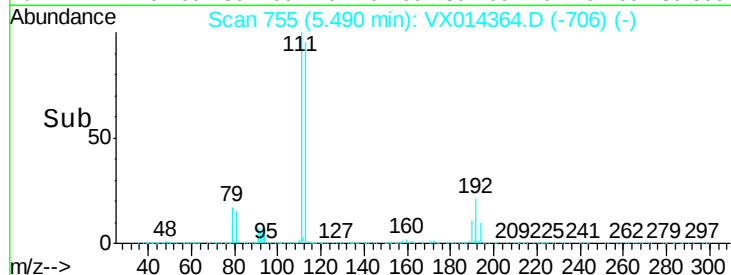
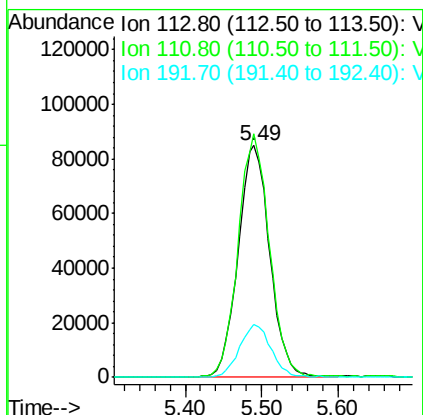
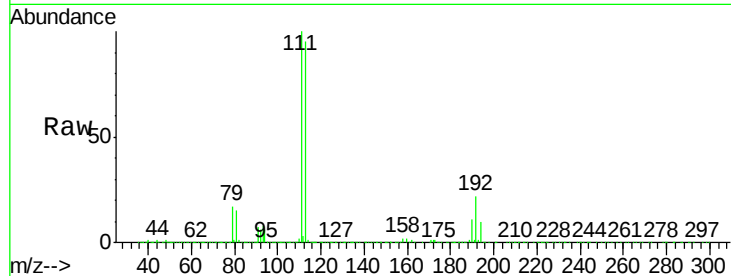




#35
 Dibromofluoromethane
 Concen: 49.329 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014364.D
 Acq: 30 Dec 2019 19:16

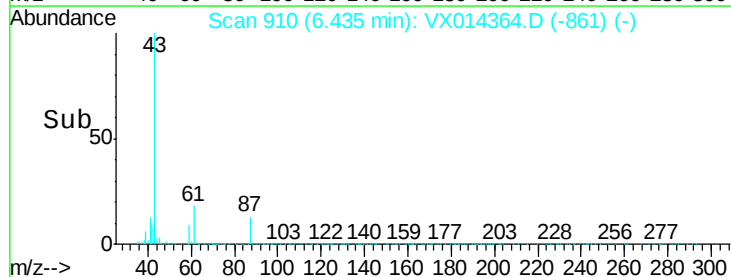
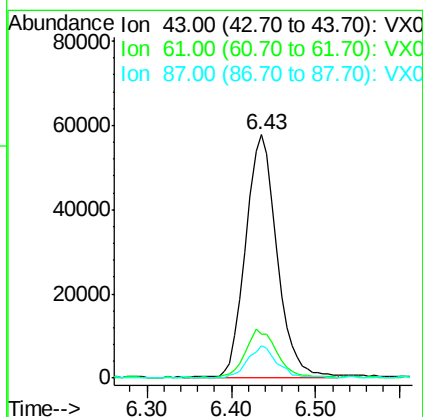
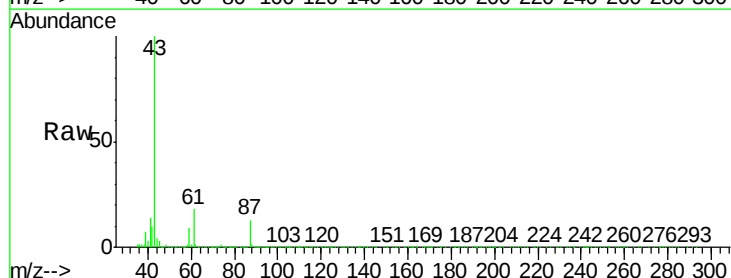
Instrument :
 MSVOA_X
 ClientSampleId :
 PB125776TB

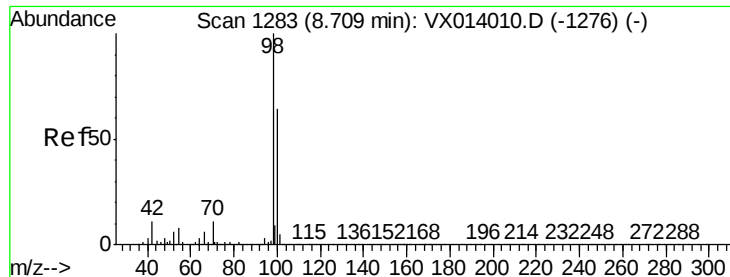
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	22.8	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 10.757 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014364.D
 Acq: 30 Dec 2019 19:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.4	24.6
87	12.5	10.7	16.1





#50

Toluene-d8

Concen: 51.268 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014364.D

Acq: 30 Dec 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

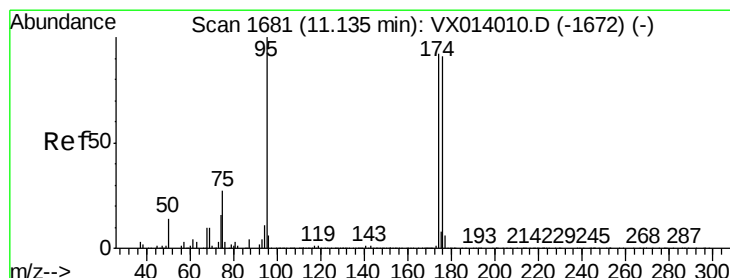
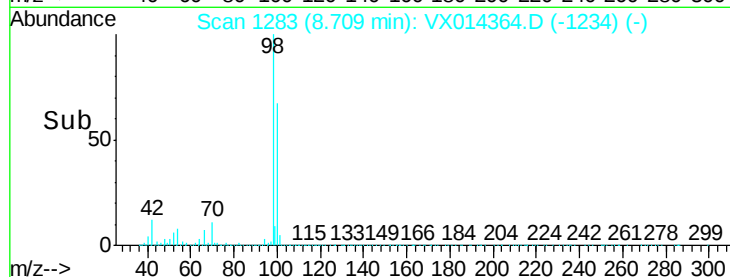
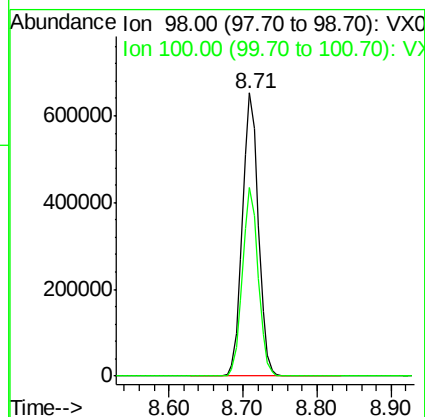
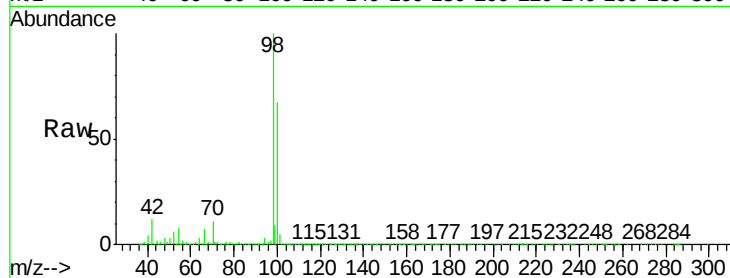
PB125776TB

Tot Ion: 98 Resp: 988252

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.168 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014364.D

Acq: 30 Dec 2019 19:16

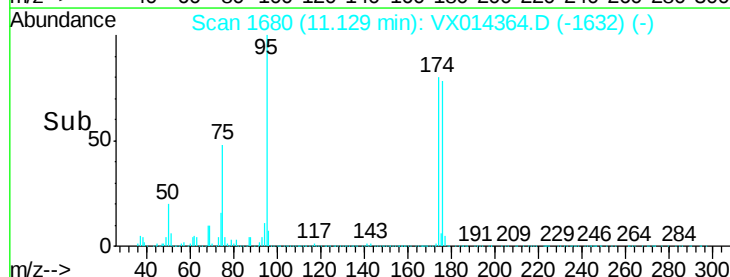
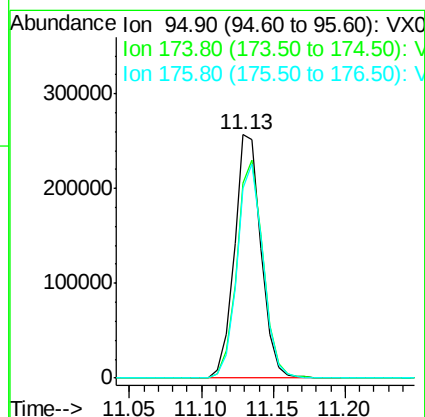
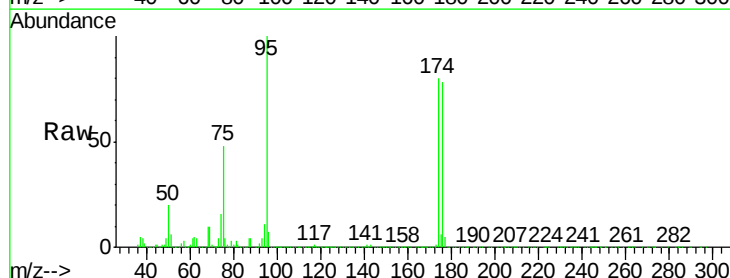
Tgt Ion: 95 Resp: 332358

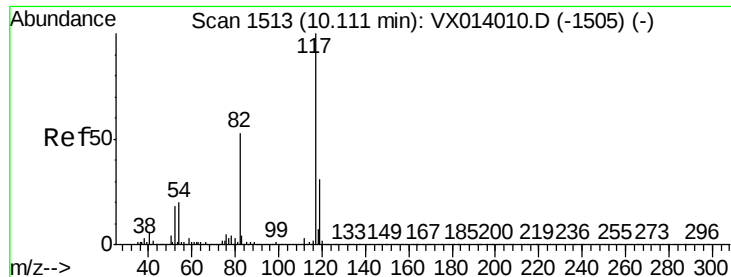
Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.8

176 85.8 0.0 173.0

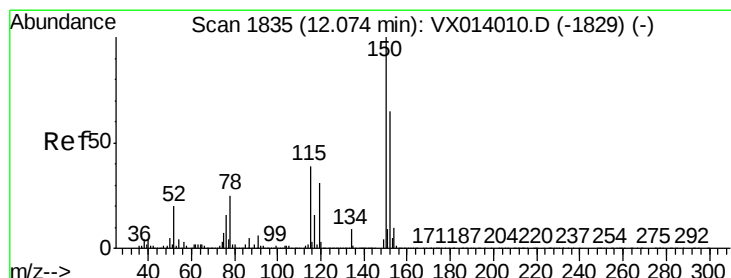
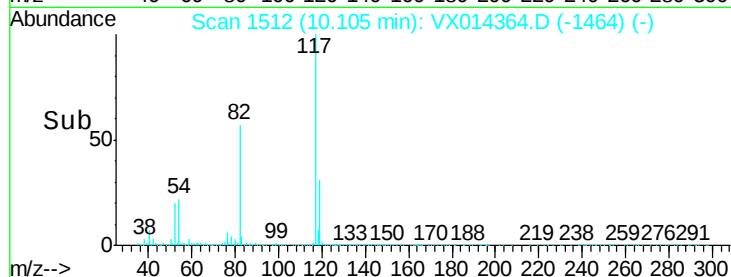
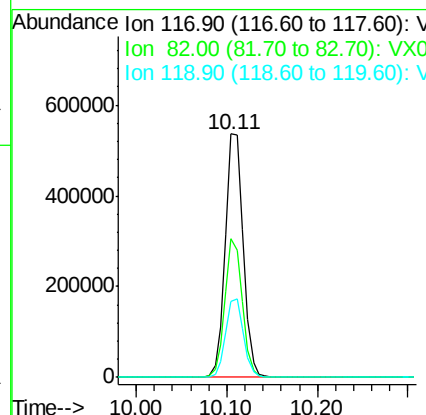
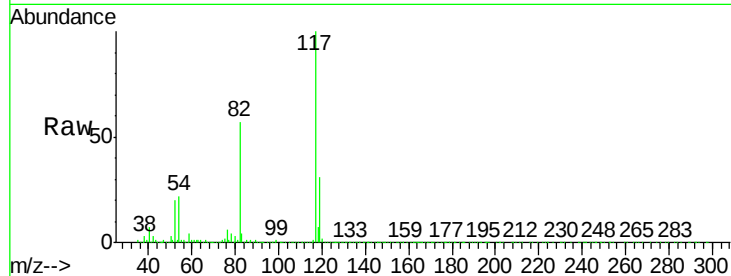




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014364.D
Acq: 30 Dec 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
PB125776TB

Tot Ion:117 Resp: 742471
Ion Ratio Lower Upper
117 100
82 57.0 42.2 63.4
119 31.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014364.D
Acq: 30 Dec 2019 19:16

Tgt Ion:152 Resp: 327679
Ion Ratio Lower Upper
152 100
115 55.4 38.3 114.9
150 158.9 0.0 345.4

