

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014830.D
 Acq On : 05 Feb 2020 18:14
 Operator : JC/SP
 Sample : L1397-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200204

Quant Time: Feb 06 06:32:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	434281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	677060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	623395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	285427	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	250955	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
35) Dibromofluoromethane	5.49	113	207737	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
50) Toluene-d8	8.71	98	812936	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	278406	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	

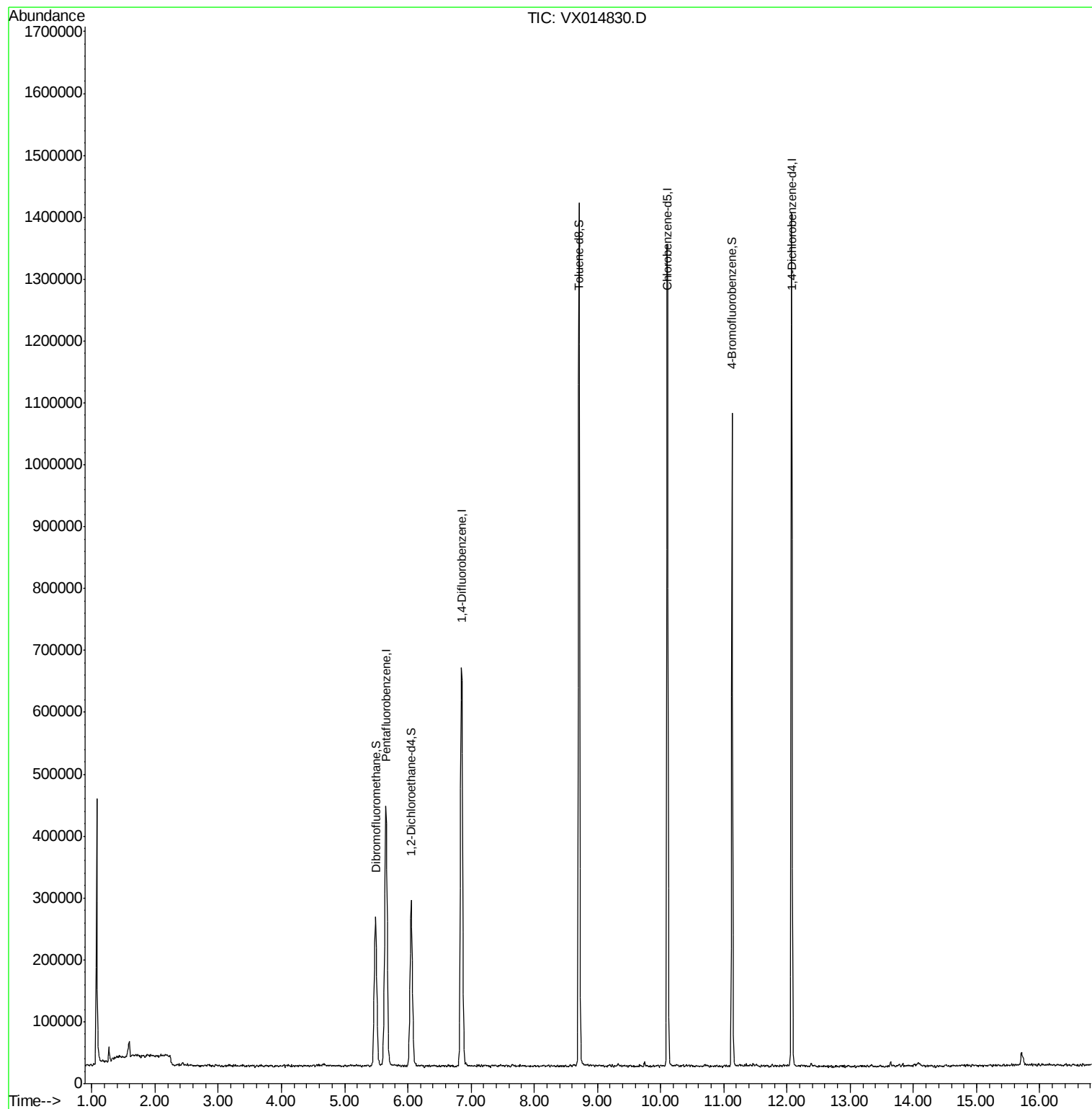
Target Compounds	Qvalue
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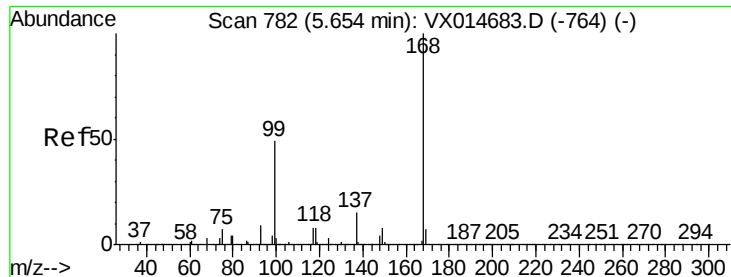
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 783

Delta R.T. 0.01 min

Lab File: VX014830.D

Acq: 05 Feb 2020 18:14

Instrument :

MSVOA_X

ClientSampleId :

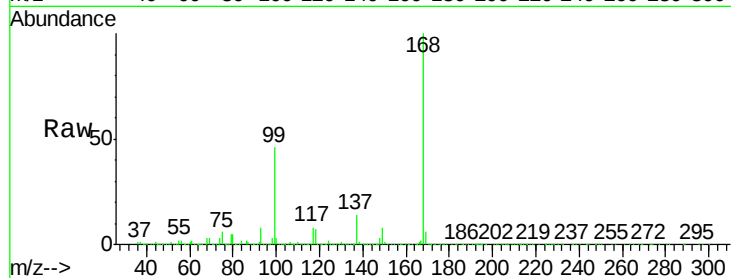
TB-01-200204

Tot Ion:168 Resp: 434281

Ion Ratio Lower Upper

168 100

99 45.8 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

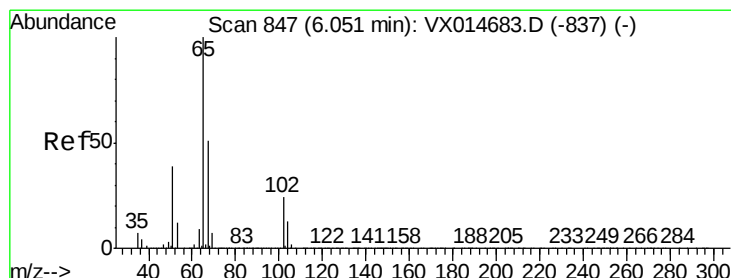
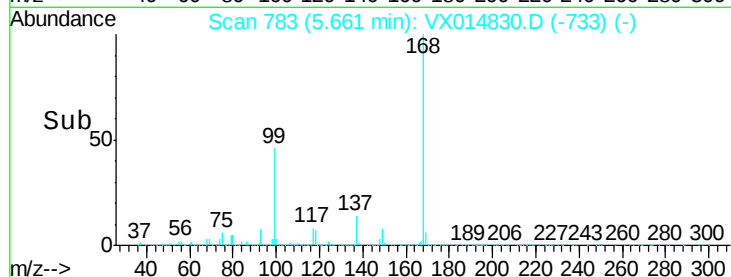
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.485 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014830.D

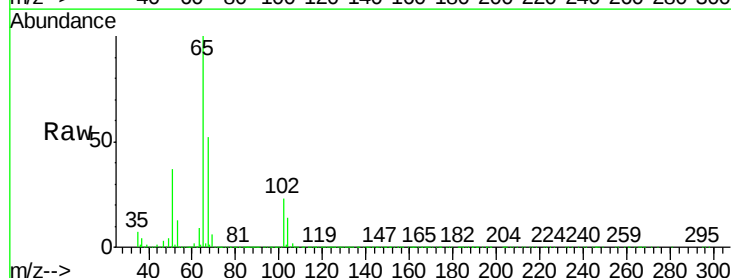
Acq: 05 Feb 2020 18:14

Tgt Ion: 65 Resp: 250955

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

60000

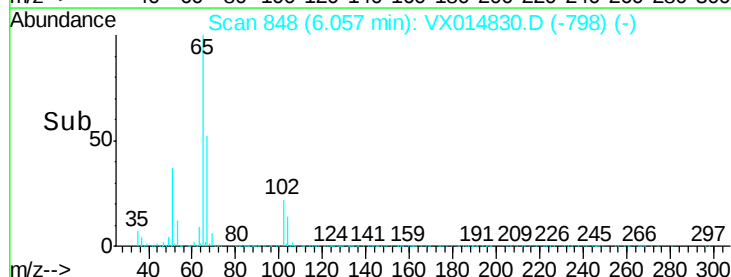
40000

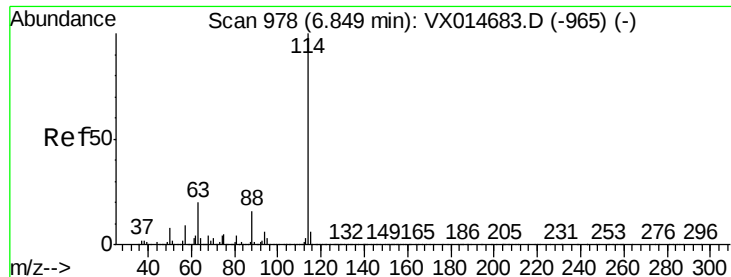
20000

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: VX014830.D

Acq: 05 Feb 2020 18:14

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200204

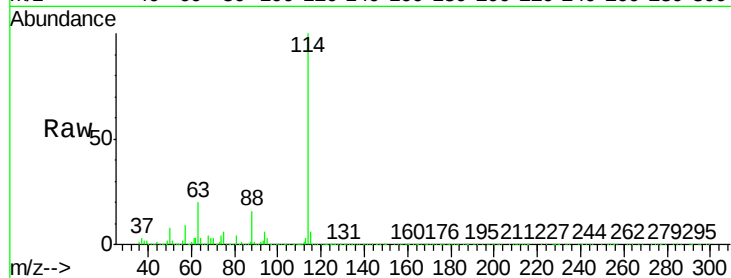
Tot Ion:114 Resp: 677060

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

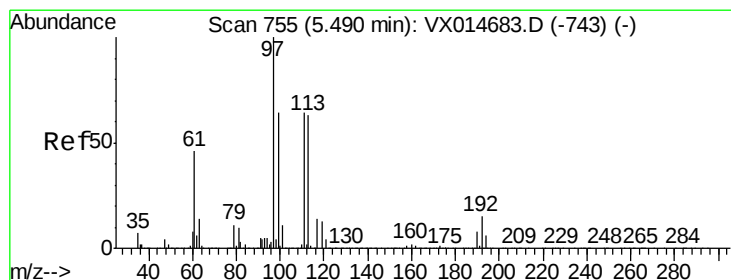
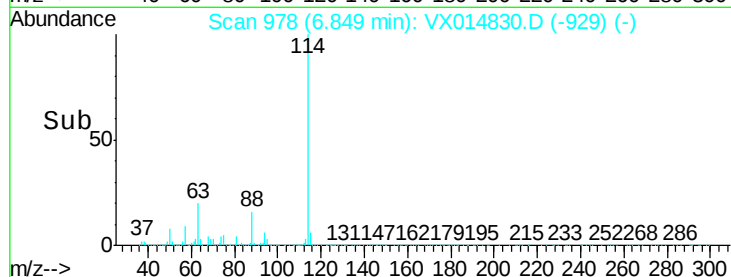
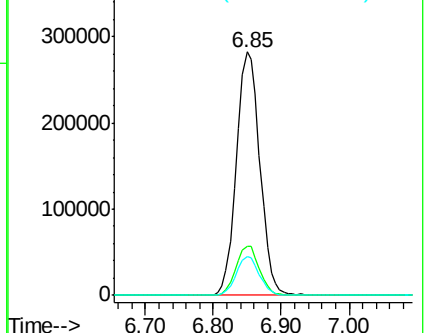
88 15.7 0.0 31.2



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: 48.625 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014830.D

Acq: 05 Feb 2020 18:14

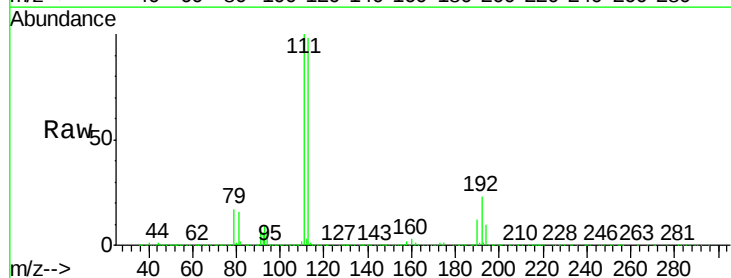
Tgt Ion:113 Resp: 207737

Ion Ratio Lower Upper

113 100

111 102.1 80.7 121.1

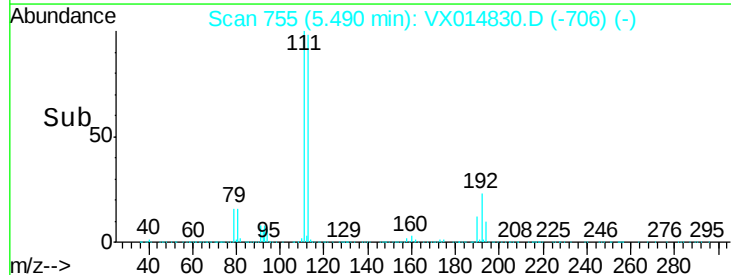
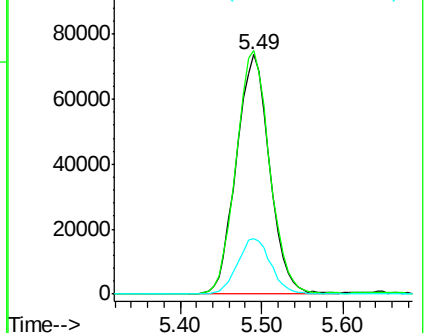
192 23.4 18.5 27.7

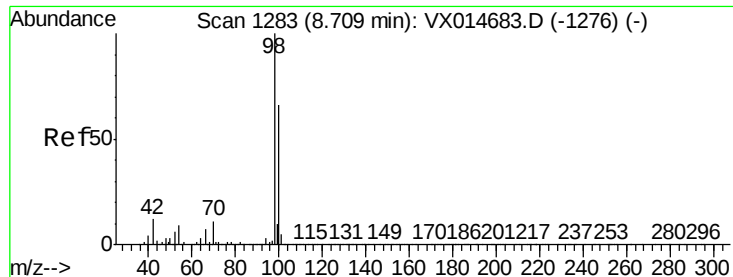


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

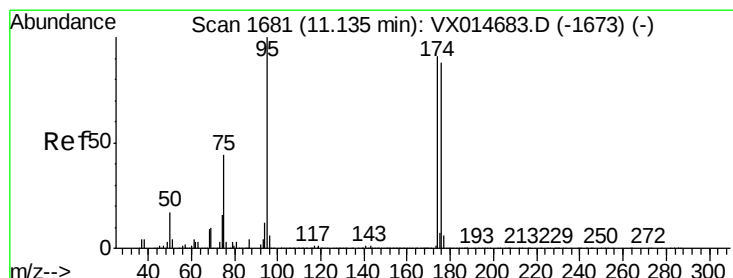
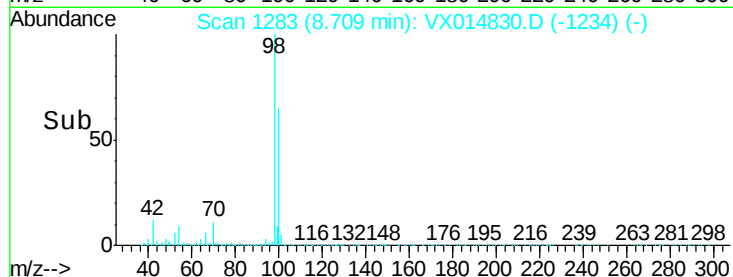
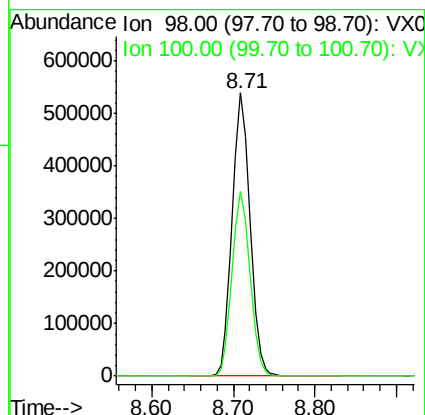
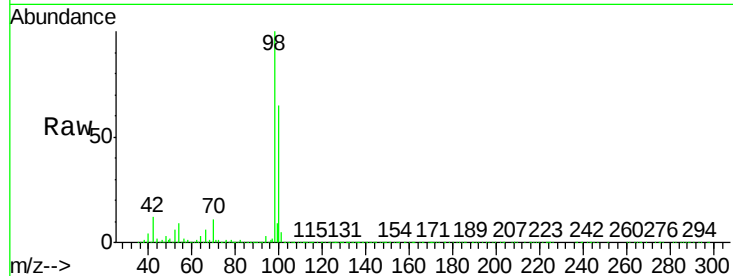




#50
Toluene-d8
Concen: 49.497 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014830.D
Acq: 05 Feb 2020 18:14

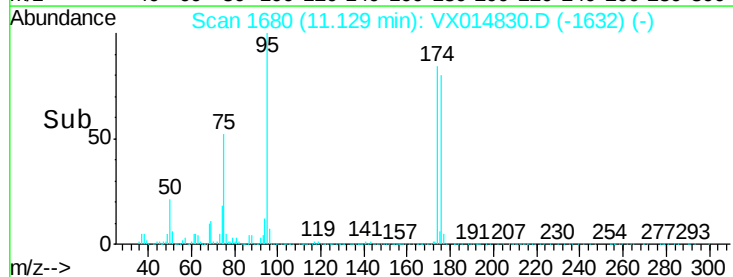
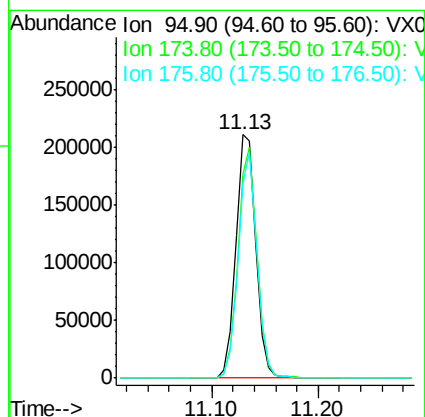
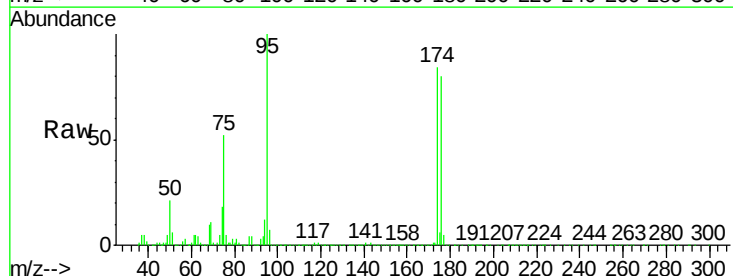
Instrument :
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TB-01-200204

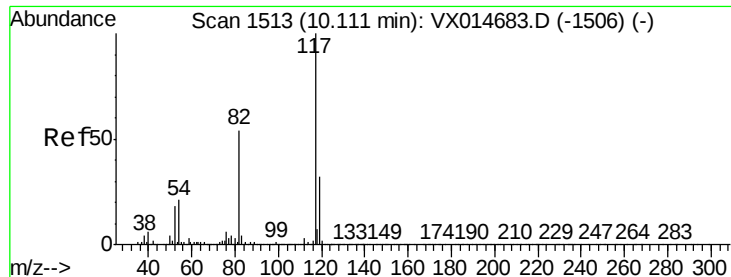
Tot Ion: 98 Resp: 812936
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.586 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014830.D
Acq: 05 Feb 2020 18:14

Tgt Ion: 95 Resp: 278406
Ion Ratio Lower Upper
95 100
174 90.5 0.0 176.0
176 87.1 0.0 172.2

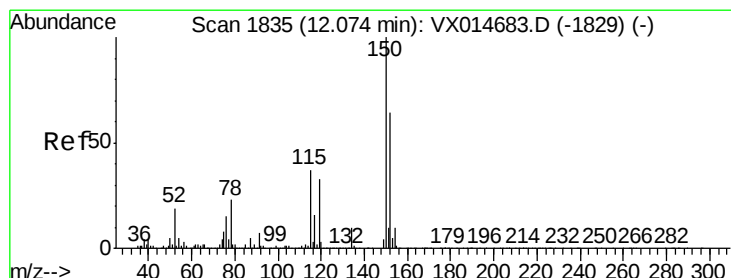
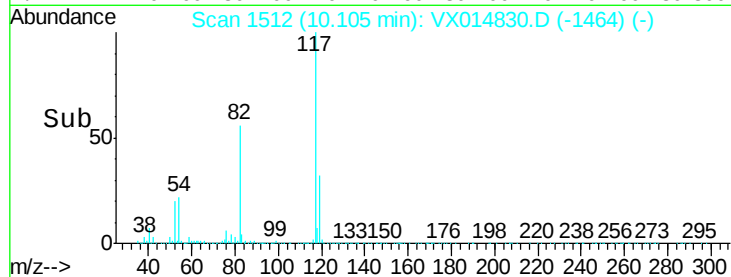
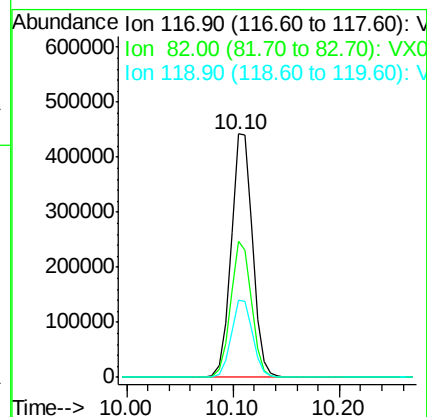
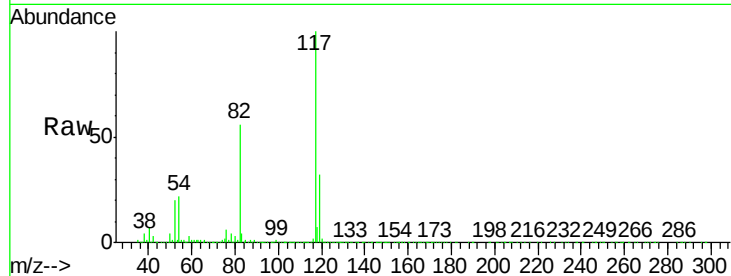




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014830.D
Acq: 05 Feb 2020 18:14

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200204

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.2	64.8
119	31.9	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014830.D
Acq: 05 Feb 2020 18:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.4	118.1
150	158.0	0.0	351.2

