

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
 Data File : VX015860.D
 Acq On : 22 Apr 2020 23:48
 Operator : JC/SP
 Sample : L2380-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B98-TB1-200421

Quant Time: Apr 23 12:21:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	891685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1379707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1364246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	747777	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	503162	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
35) Dibromofluoromethane	5.47	113	403360	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	8.70	98	1667538	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.12	95	700177	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	

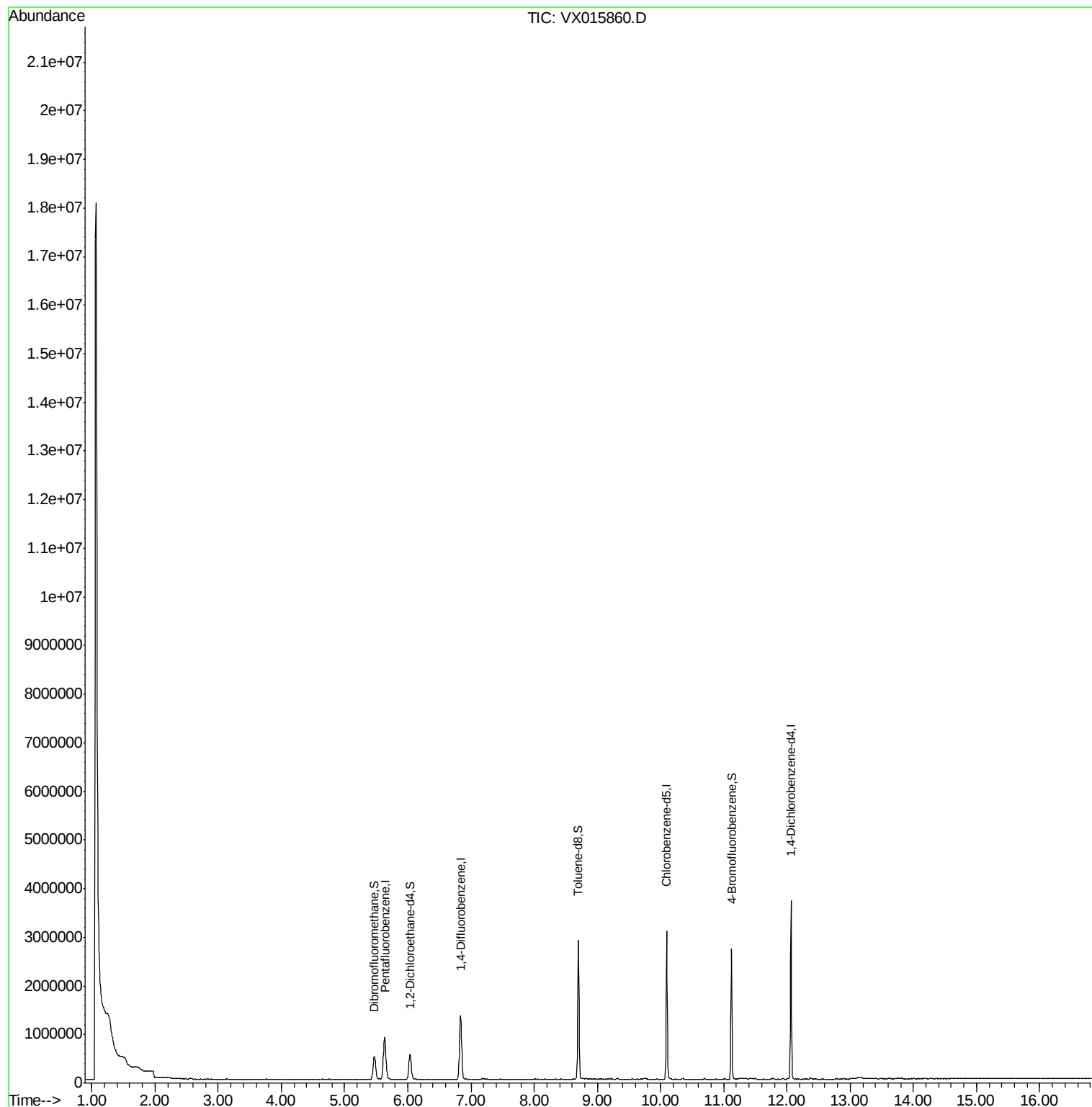
Target Compounds	Qvalue
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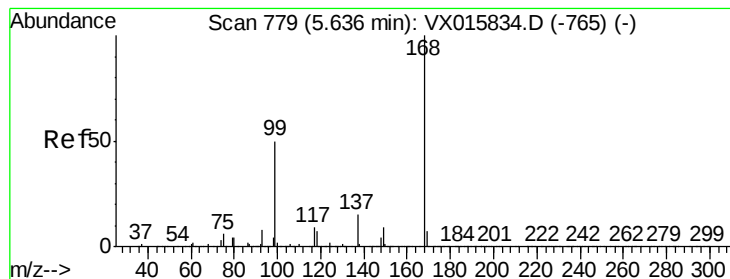
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015860.D

Acq: 22 Apr 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

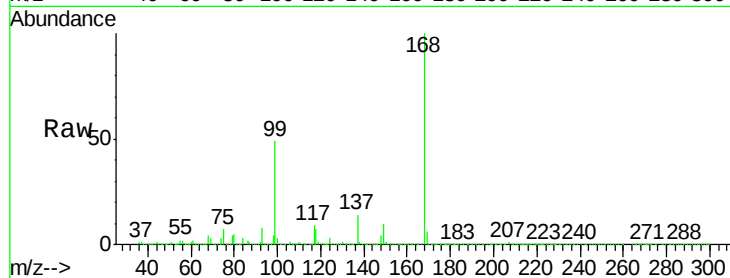
B98-TB1-200421

Tot Ion:168 Resp: 891685

Ion Ratio Lower Upper

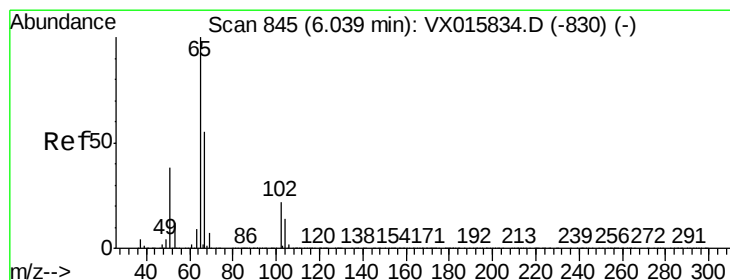
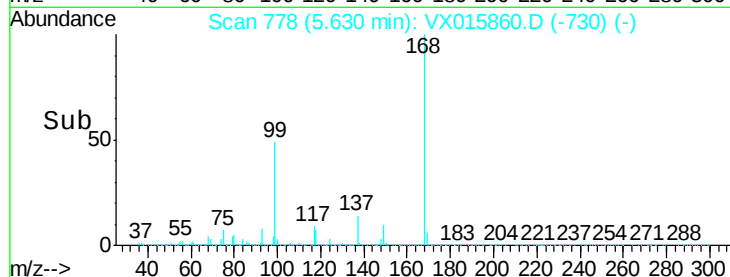
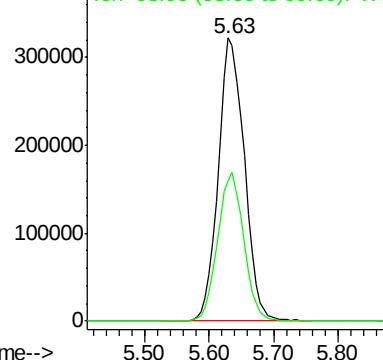
168 100

99 49.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.613 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015860.D

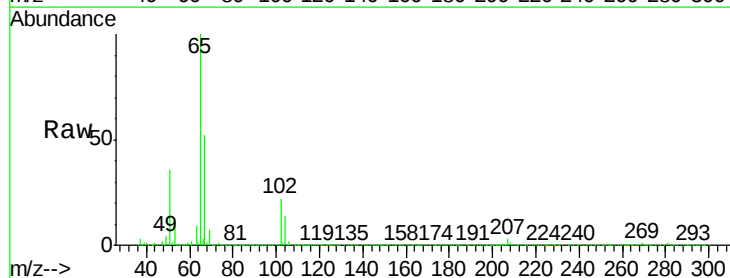
Acq: 22 Apr 2020 23:48

Tgt Ion: 65 Resp: 503162

Ion Ratio Lower Upper

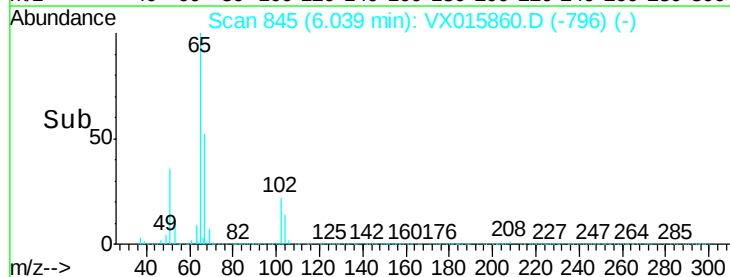
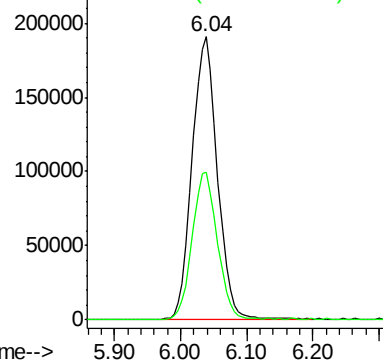
65 100

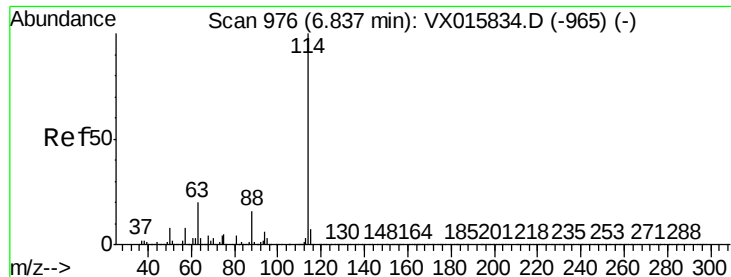
67 51.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015860.D

Acq: 22 Apr 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

B98-TB1-200421

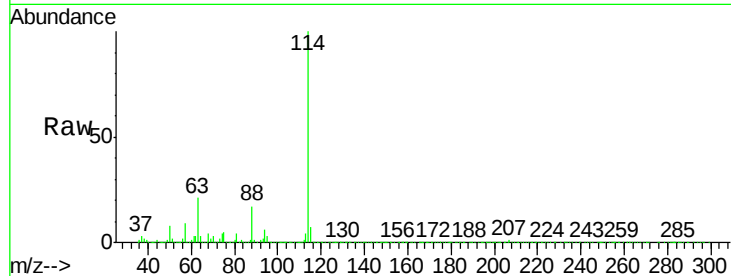
Tot Ion:114 Resp: 1379707

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.6

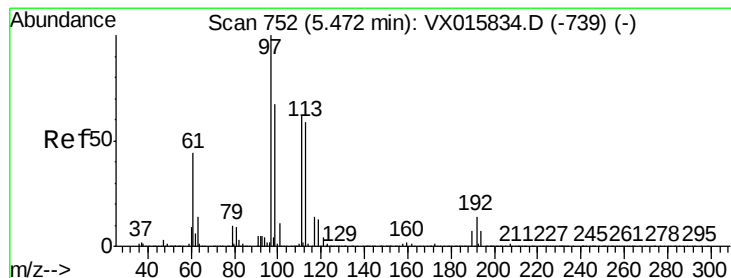
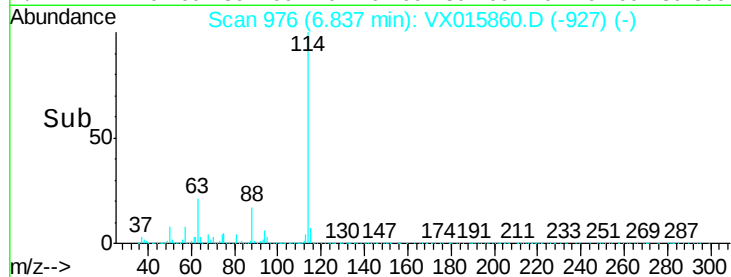
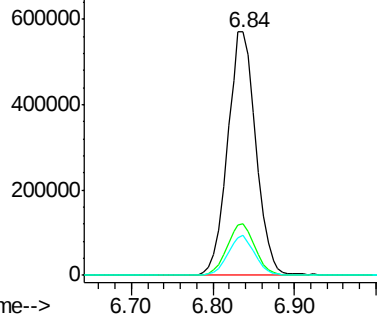
88 16.6 0.0 32.8



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: 50.648 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015860.D

Acq: 22 Apr 2020 23:48

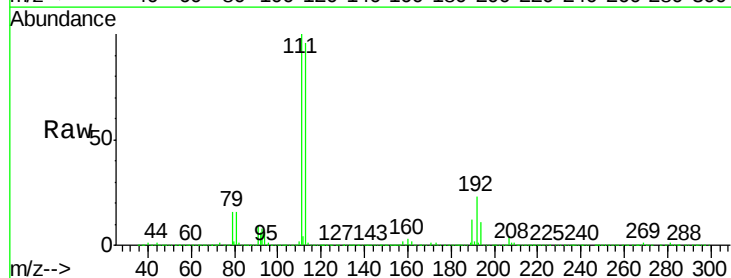
Tgt Ion:113 Resp: 403360

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

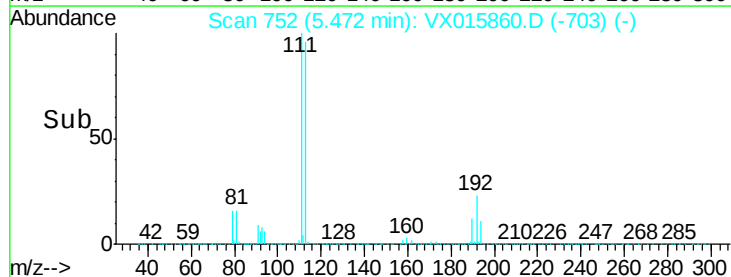
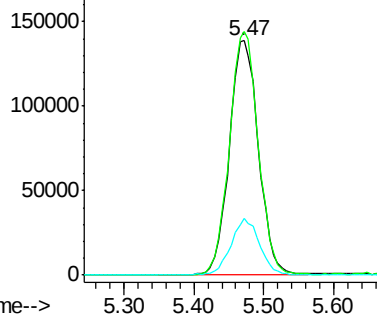
192 23.8 19.3 28.9

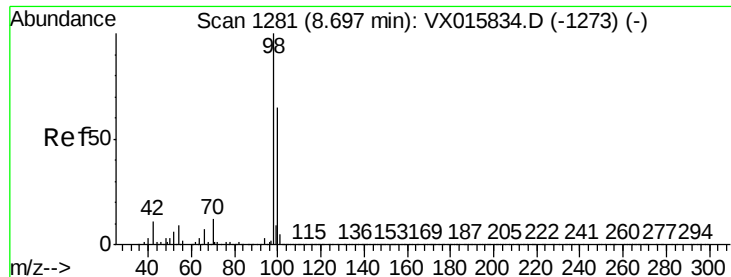


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

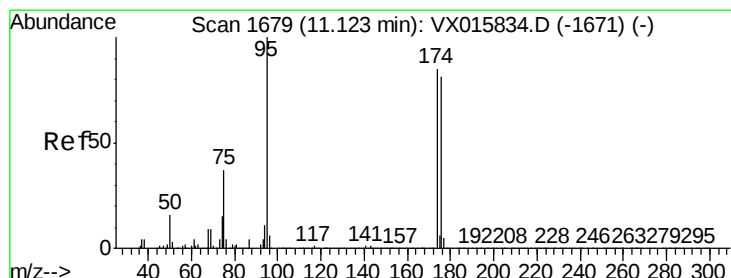
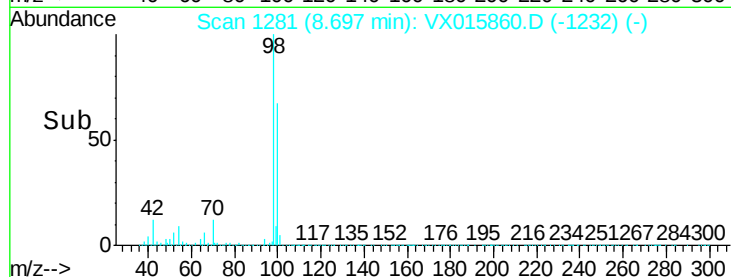
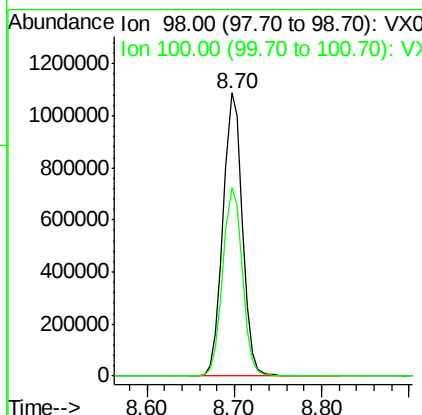
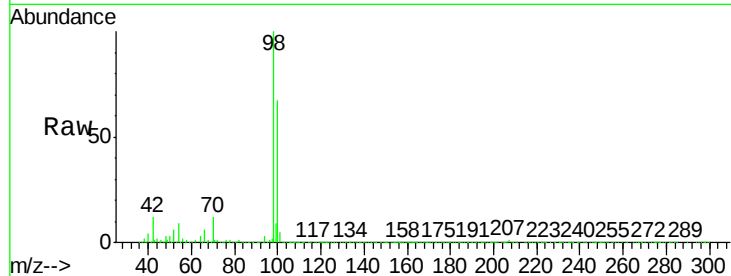




#50
Toluene-d8
Concen: 52.013 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015860.D
Acq: 22 Apr 2020 23:48

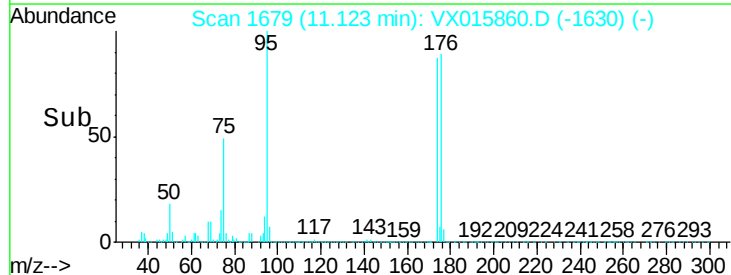
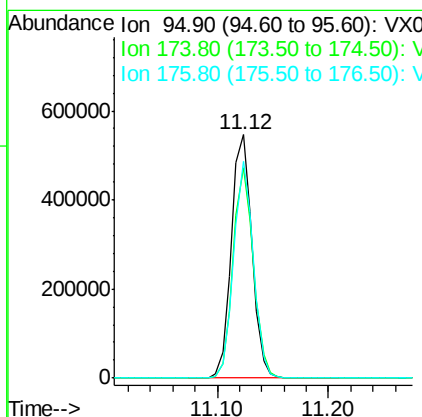
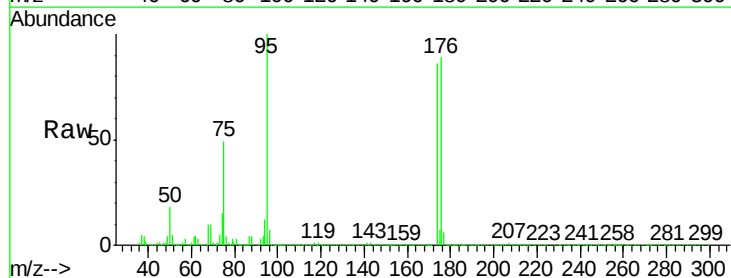
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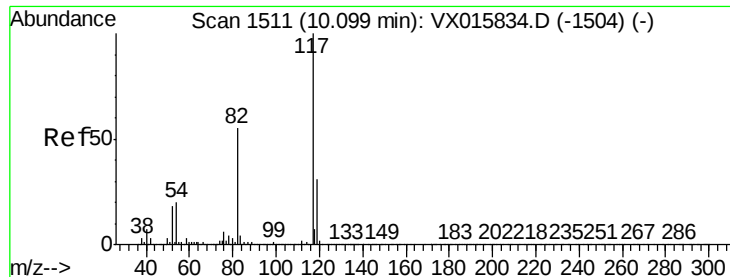
Tot Ion: 98 Resp: 1667538
Ion Ratio Lower Upper
98 100
100 67.4 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.237 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015860.D
Acq: 22 Apr 2020 23:48

Tgt Ion: 95 Resp: 700177
Ion Ratio Lower Upper
95 100
174 85.1 0.0 172.4
176 85.0 0.0 167.0

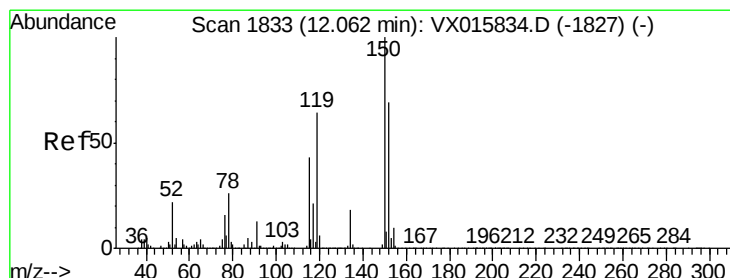
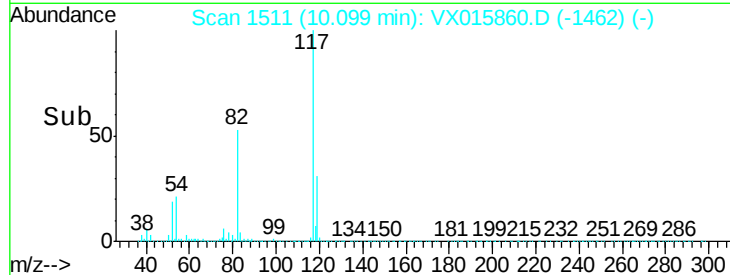
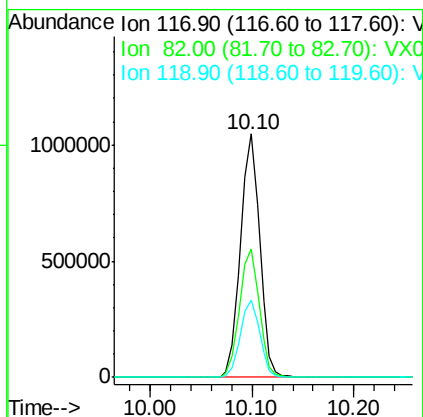
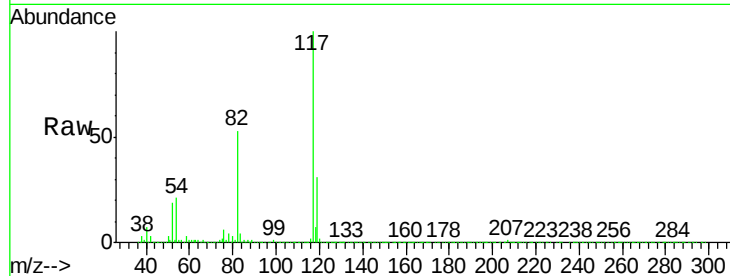




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015860.D
Acq: 22 Apr 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
B98-TB1-200421

Tot Ion:117 Resp: 1364246
Ion Ratio Lower Upper
117 100
82 52.7 43.9 65.9
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015860.D
Acq: 22 Apr 2020 23:48

Tgt Ion:152 Resp: 747777
Ion Ratio Lower Upper
152 100
115 56.1 39.0 116.9
150 156.9 0.0 336.8

