

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002777.D
 Acq On : 27 May 2020 20:28
 Operator : SY/MD
 Sample : L2771-18
 Misc : 6.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FOX-HILL-RD-1

Quant Time: May 28 06:27:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	290962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	467218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	143651	56.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.72%	
35) Dibromofluoromethane	7.72	113	143196	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	10.18	98	549336	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.48	95	184336	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

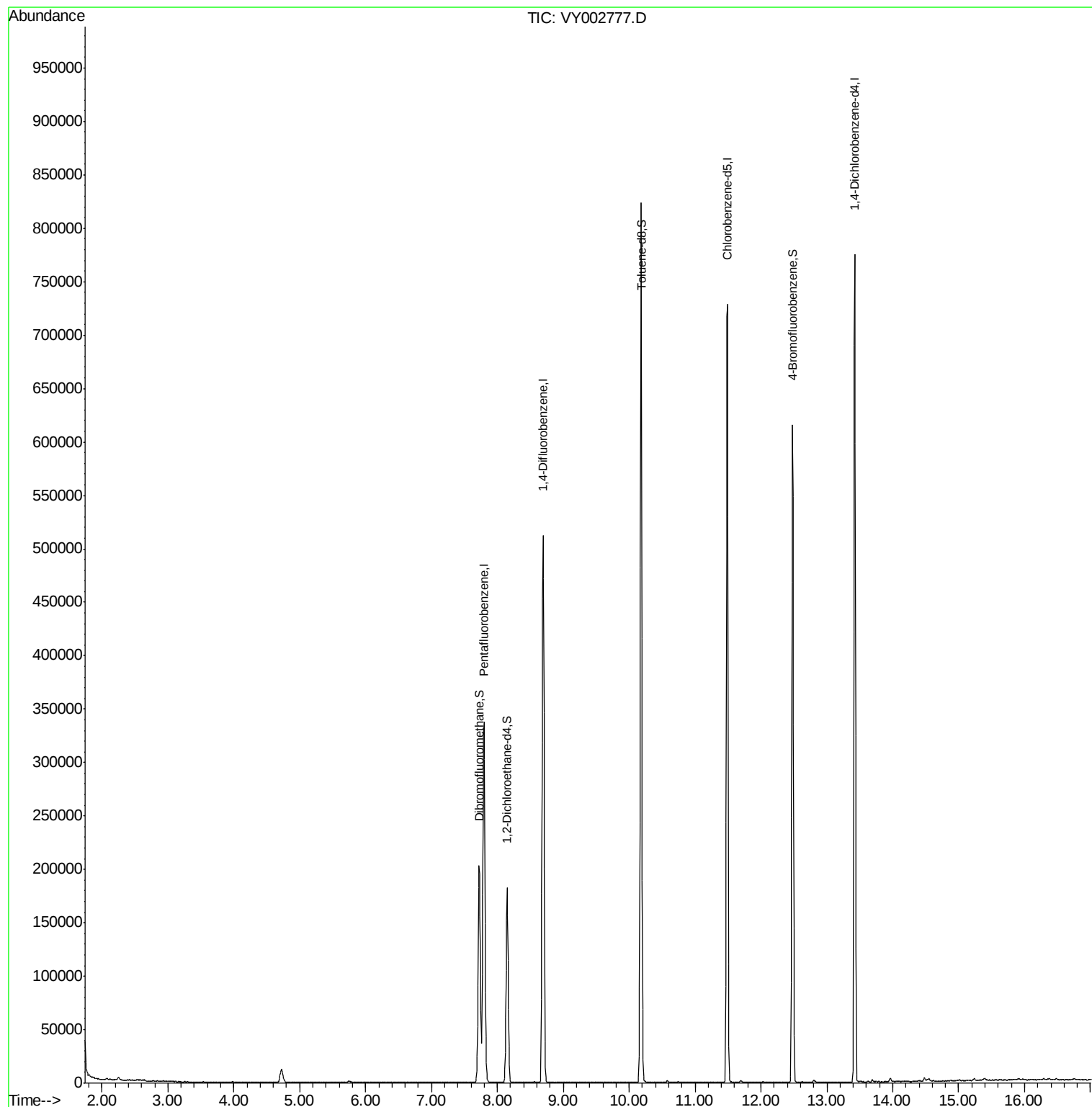
Target Compounds	Qvalue

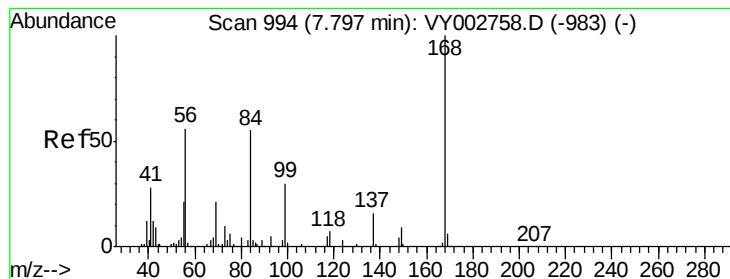
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002777.D

Acq: 27 May 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

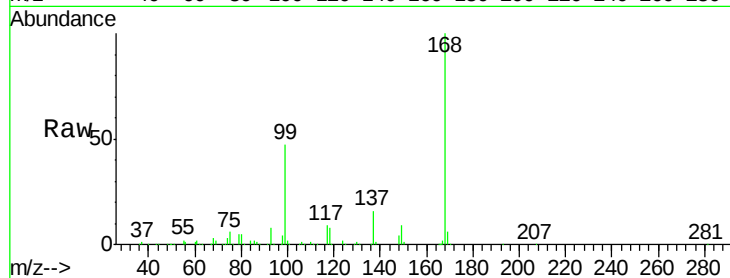
FOX-HILL-RD-1

Tot Ion:168 Resp: 290962

Ion Ratio Lower Upper

168 100

99 46.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002777.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002777.D (-945) (-)

7.80

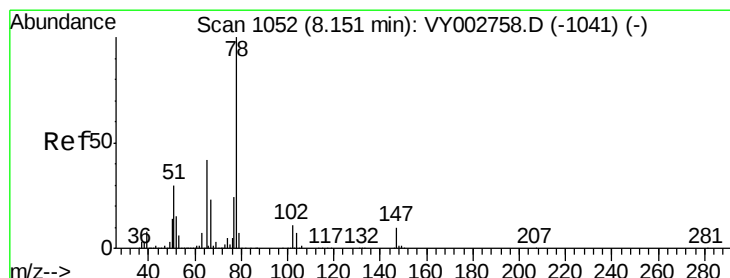
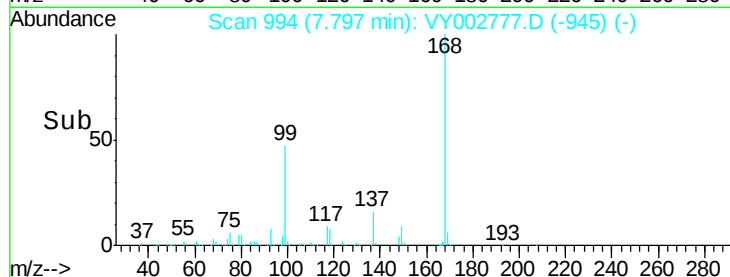
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.861 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002777.D

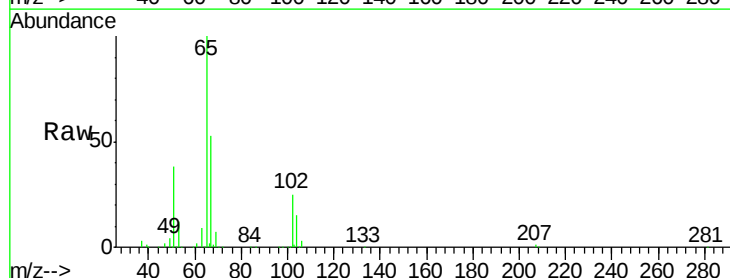
Acq: 27 May 2020 20:28

Tgt Ion: 65 Resp: 143651

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002777.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002777.D (-1003) (-)

8.14

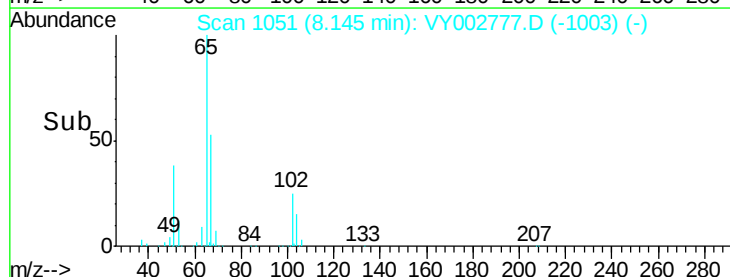
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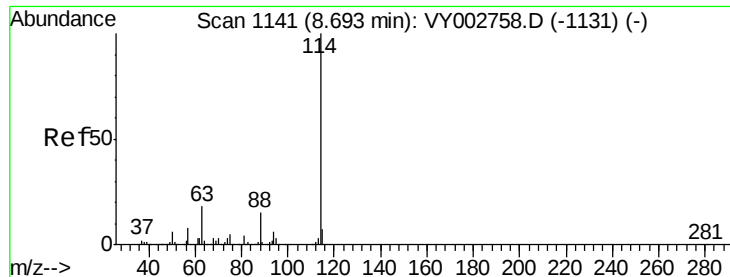
40000

20000

0

Time-->

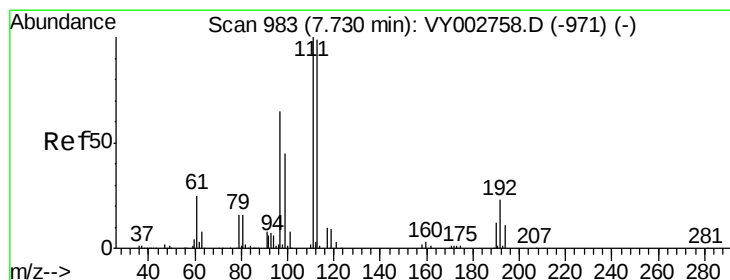
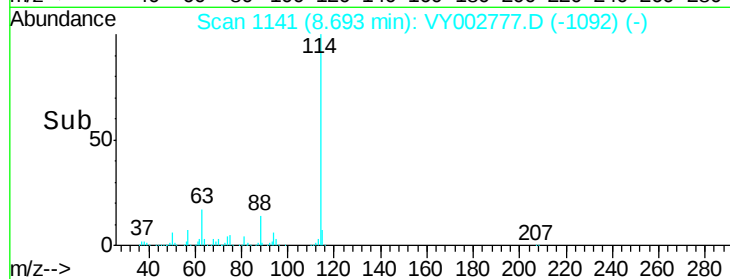
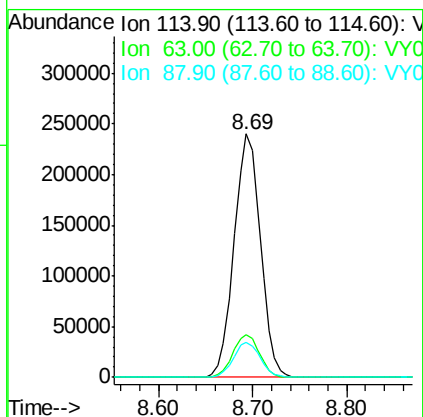
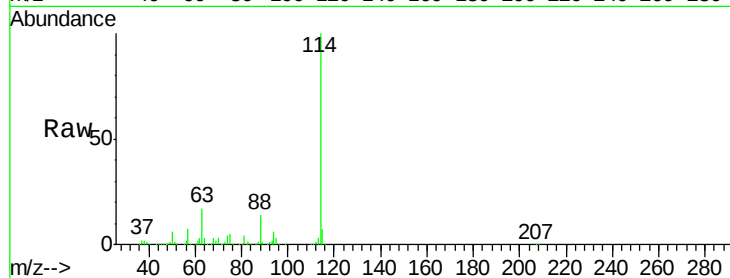




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002777.D
 Acq: 27 May 2020 20:28

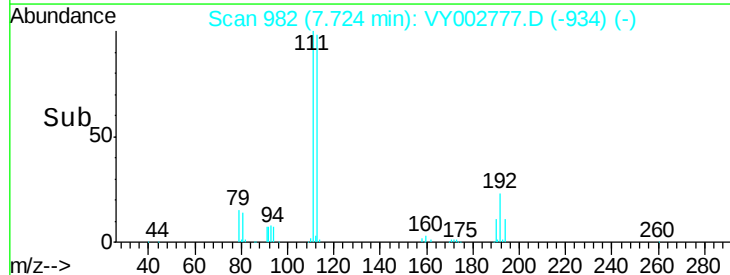
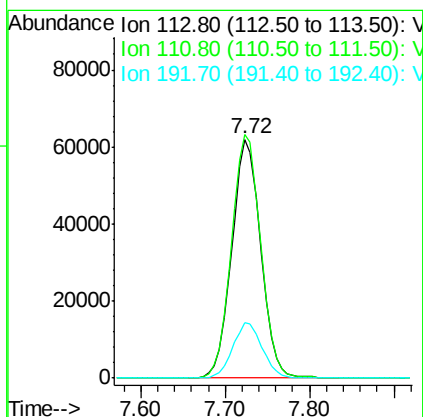
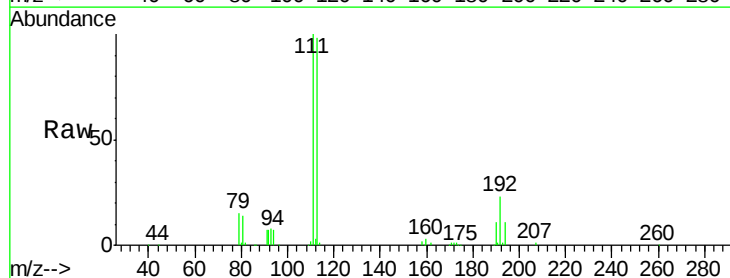
Instrument :
 MSVOA_Y
 ClientSampleId :
 FOX-HILL-RD-1

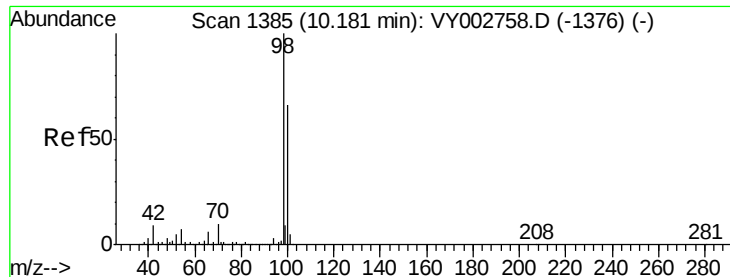
Tot Ion:114 Resp: 467218
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 14.3 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 52.297 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002777.D
 Acq: 27 May 2020 20:28

Tgt Ion:113 Resp: 143196
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 23.5 18.9 28.3





#50

Toluene-d8

Concen: 49.619 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002777.D

Acq: 27 May 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

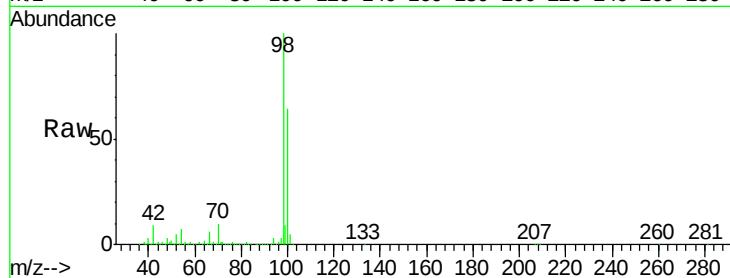
FOX-HILL-RD-1

Tot Ion: 98 Resp: 549336

Ion Ratio Lower Upper

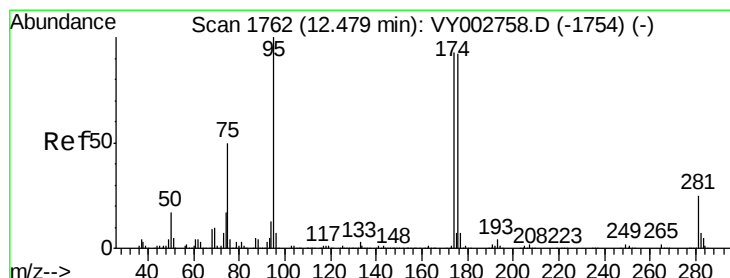
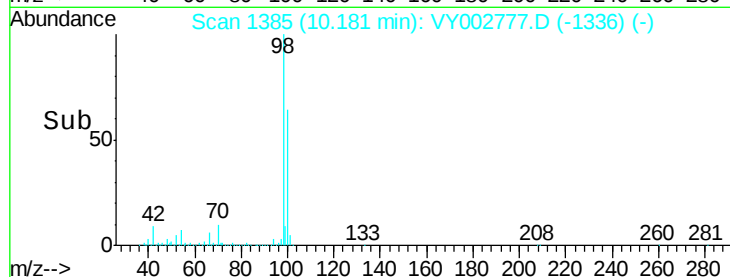
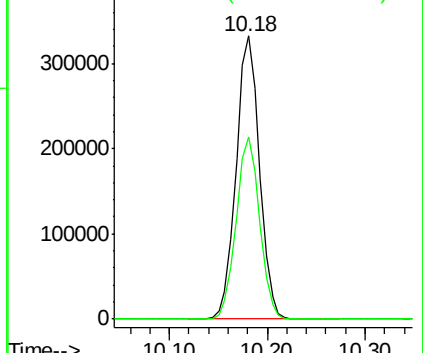
98 100

100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 48.721 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002777.D

Acq: 27 May 2020 20:28

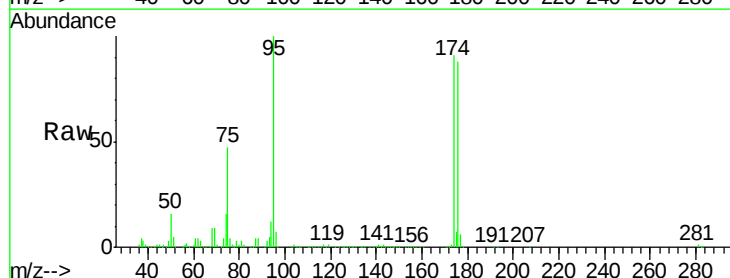
Tgt Ion: 95 Resp: 184336

Ion Ratio Lower Upper

95 100

174 94.5 0.0 191.2

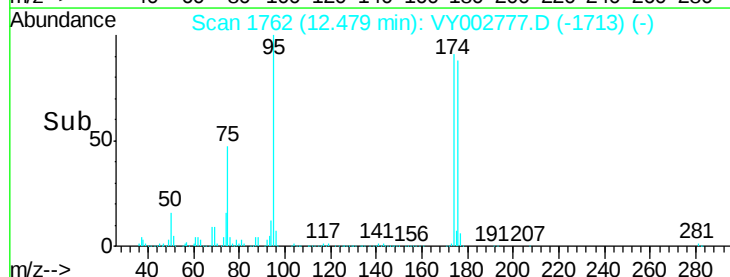
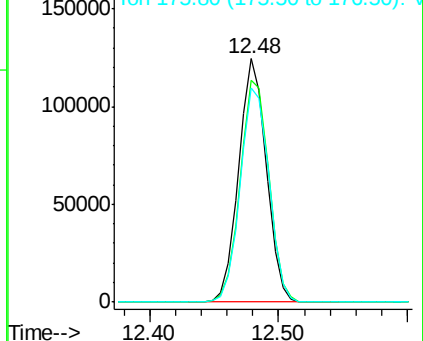
176 91.5 0.0 188.8

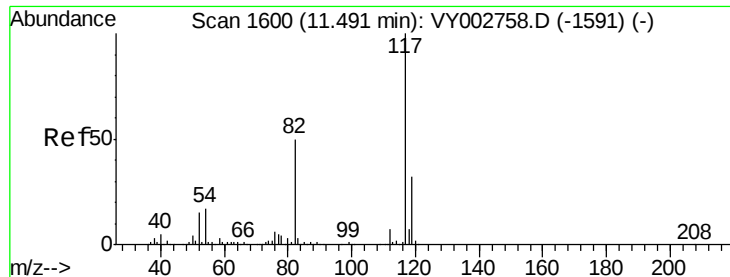


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

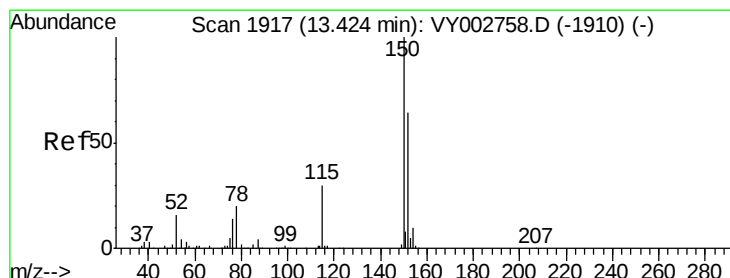
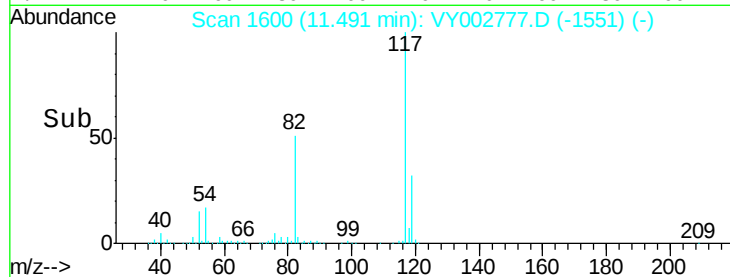
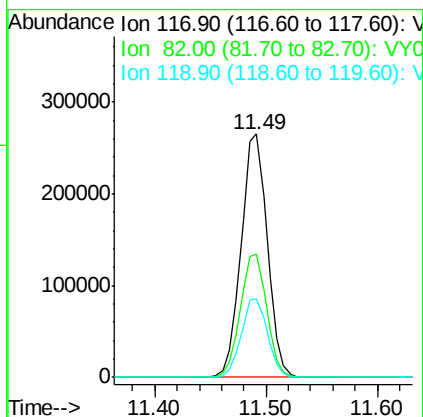
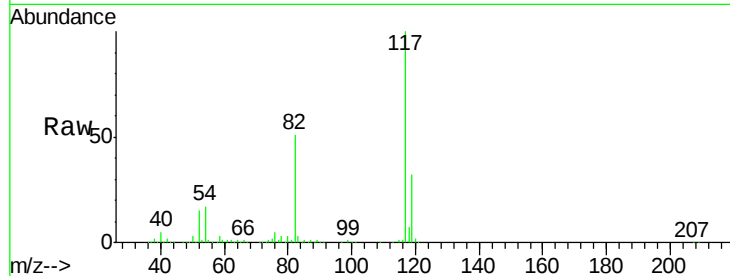




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002777.D
Acq: 27 May 2020 20:28

Instrument :
MSVOA_Y
ClientSampleId :
FOX-HILL-RD-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.2	60.4
119	32.0	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002777.D
Acq: 27 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.0	81.0
150	156.8	0.0	344.8

