

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003059.D
 Acq On : 01 Jul 2020 15:24
 Operator : SY/MD
 Sample : L3157-06
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-D40

Quant Time: Jul 02 03:41:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

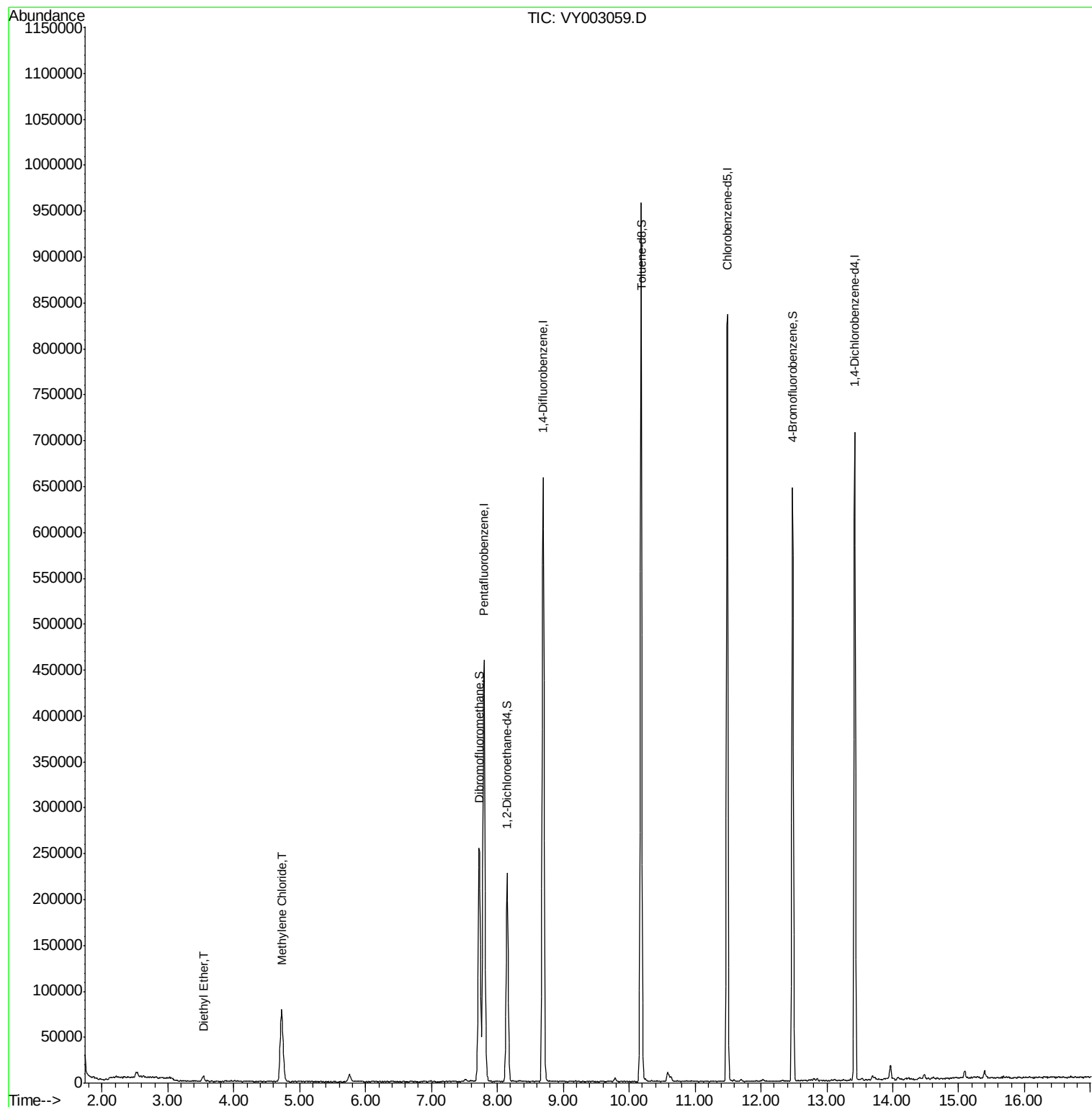
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	382288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	563786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	461135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	181623	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
35) Dibromofluoromethane	7.72	113	182789	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	10.18	98	622242	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
62) 4-Bromofluorobenzene	12.48	95	185660	40.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.52%	
Target Compounds						
8) Diethyl Ether	3.54	74	3460	1.729	ug/l	96
20) Methylene Chloride	4.72	84	60574	9.514	ug/l	93

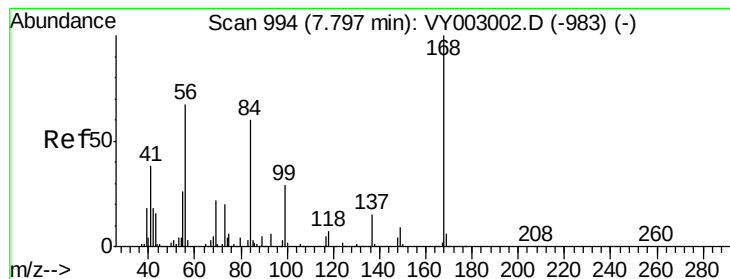
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
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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: VY003059.D

Acq: 01 Jul 2020 15:24

Instrument :

MSVOA_Y

ClientSampled :

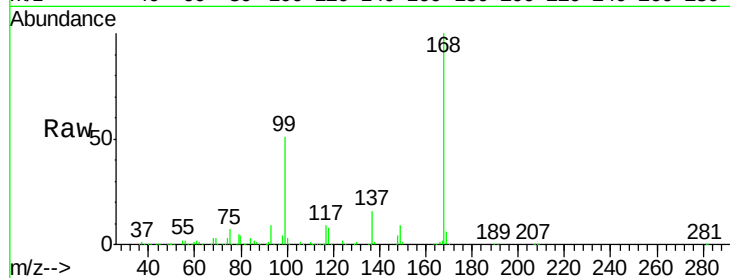
CB-D40

Tot Ion:168 Resp: 382288

Ion Ratio Lower Upper

168 100

99 50.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

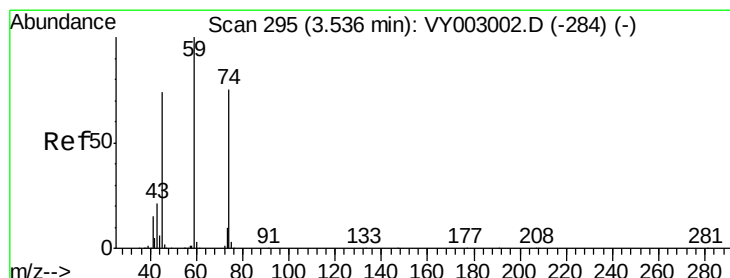
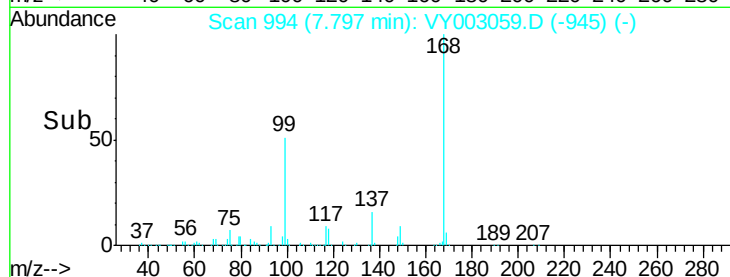
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.729 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY003059.D

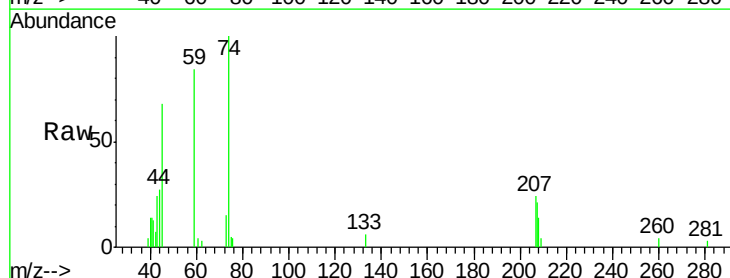
Acq: 01 Jul 2020 15:24

Tgt Ion: 74 Resp: 3460

Ion Ratio Lower Upper

74 100

45 94.6 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0

2000

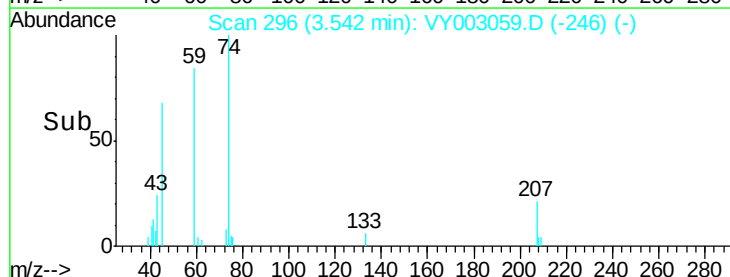
1500

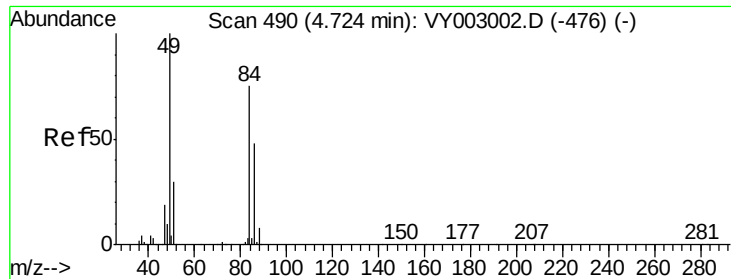
1000

500

0

Time-->

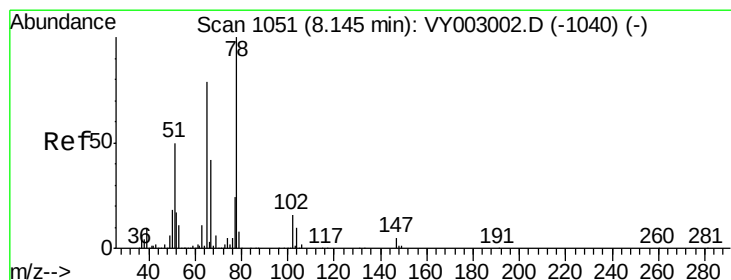
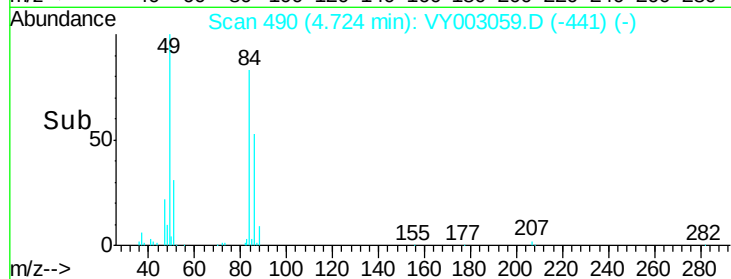
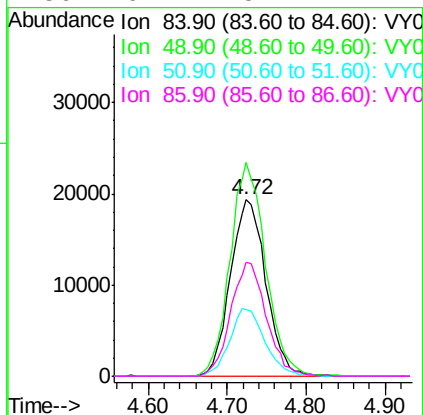
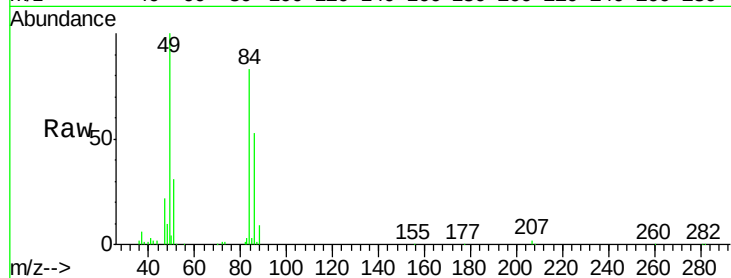




#20
Methylene Chloride
Concen: 9.514 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003059.D
Acq: 01 Jul 2020 15:24

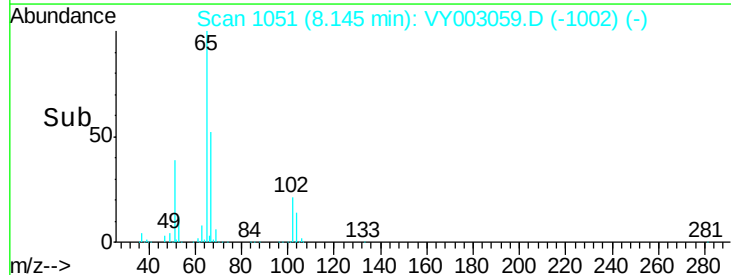
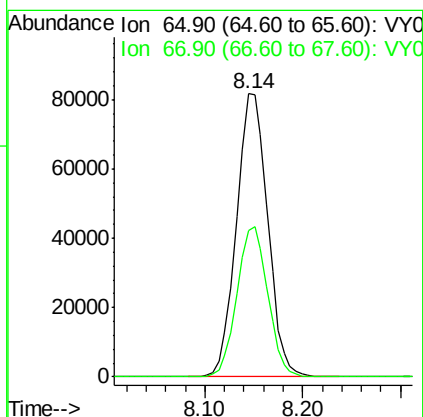
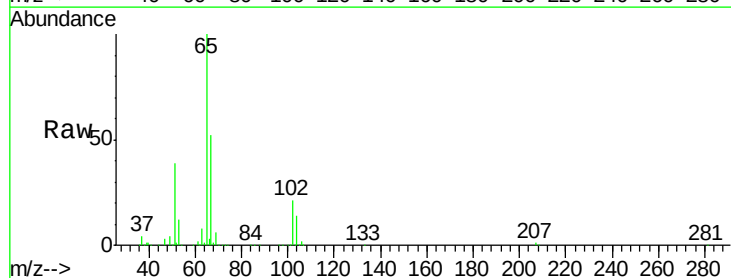
Instrument :
MSVOA_Y
ClientSampled :
CB-D40

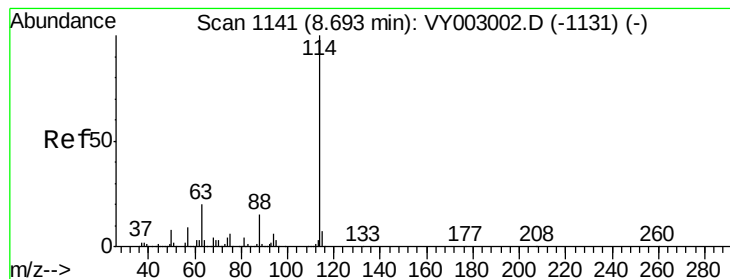
Tot Ion: 84 Resp: 60574
Ion Ratio Lower Upper
84 100
49 121.0 106.8 160.2
51 37.7 32.0 48.0
86 64.2 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 47.835 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VY003059.D
Acq: 01 Jul 2020 15:24

Tgt Ion: 65 Resp: 181623
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003059.D

Acq: 01 Jul 2020 15:24

Instrument :

MSVOA_Y

ClientSampleId :

CB-D40

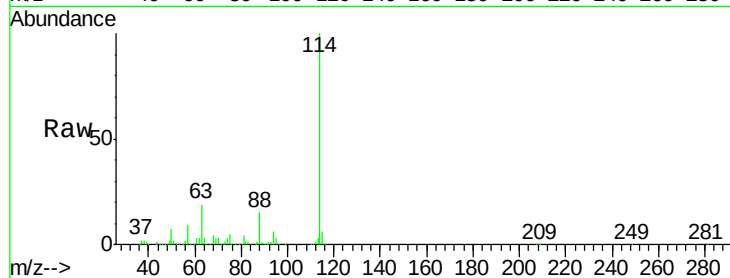
Tot Ion:114 Resp: 563786

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.6

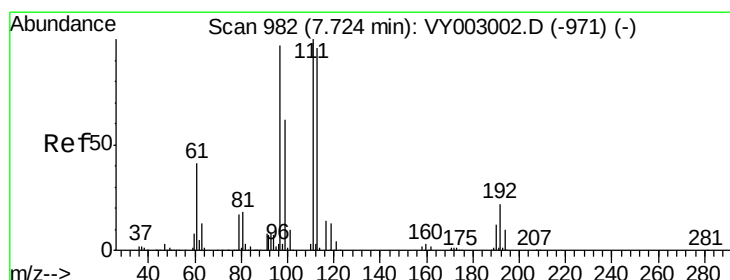
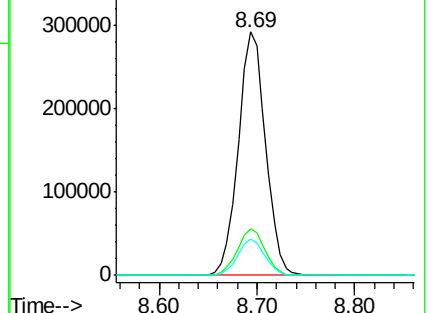
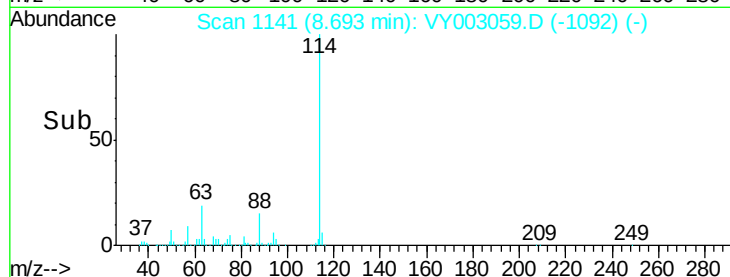
88 14.9 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.973 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003059.D

Acq: 01 Jul 2020 15:24

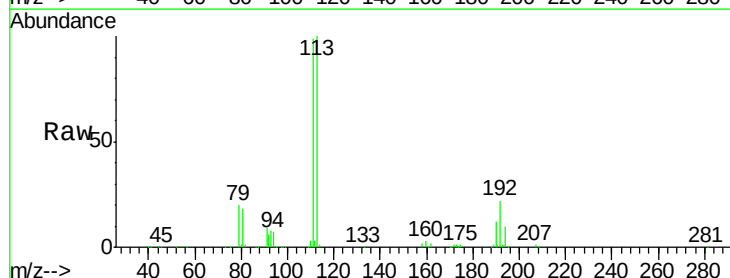
Tgt Ion:113 Resp: 182789

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

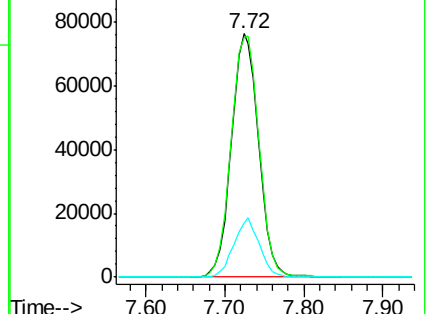
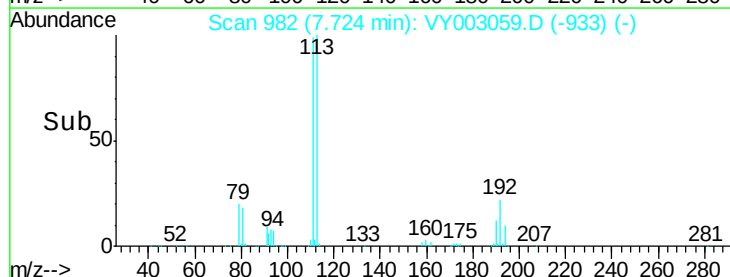
192 22.7 18.1 27.1

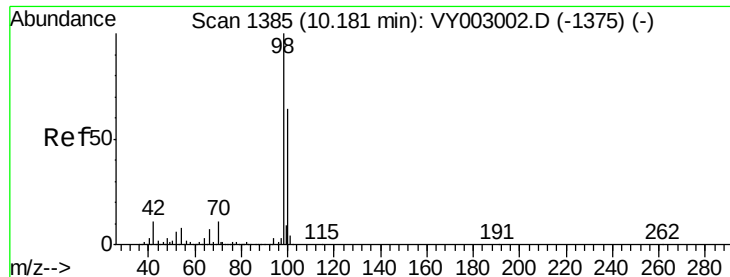


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.491 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003059.D

Acq: 01 Jul 2020 15:24

Instrument :

MSVOA_Y

ClientSampleId :

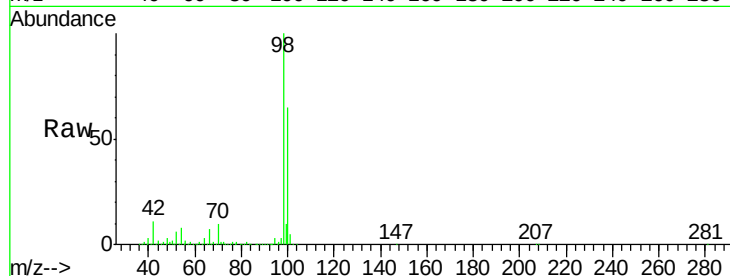
CB-D40

Tot Ion: 98 Resp: 622242

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

400000

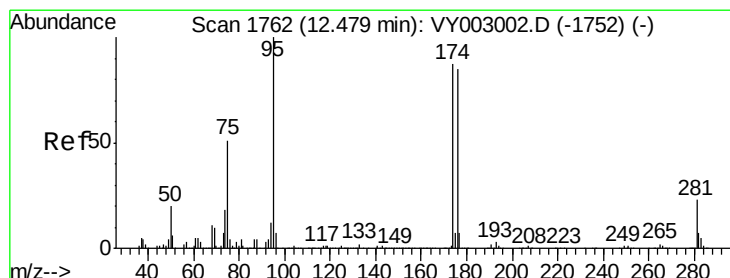
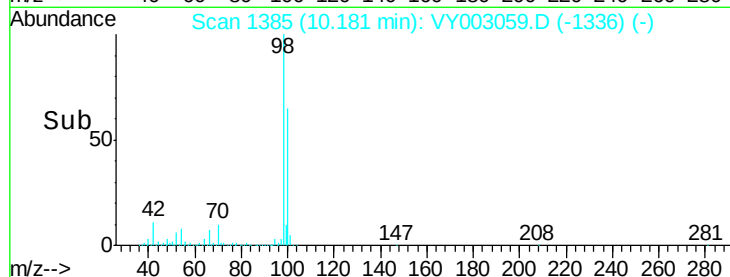
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.255 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003059.D

Acq: 01 Jul 2020 15:24

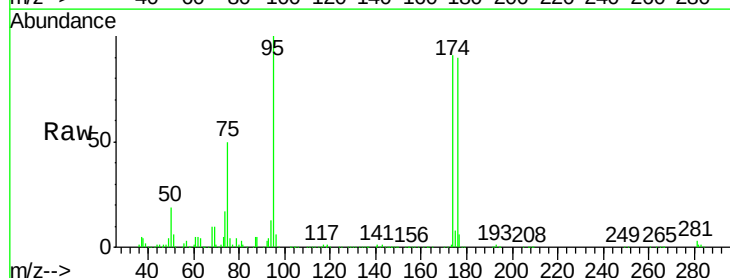
Tgt Ion: 95 Resp: 185660

Ion Ratio Lower Upper

95 100

174 93.4 0.0 184.8

176 90.6 0.0 183.0



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

12.48

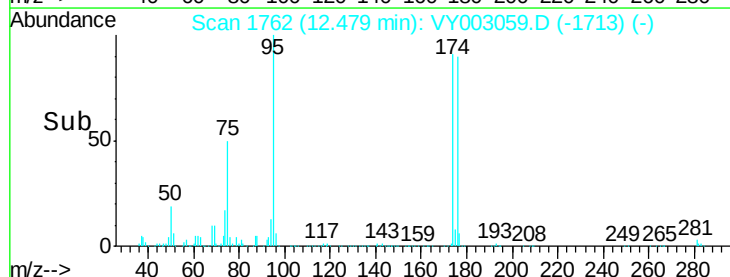
150000

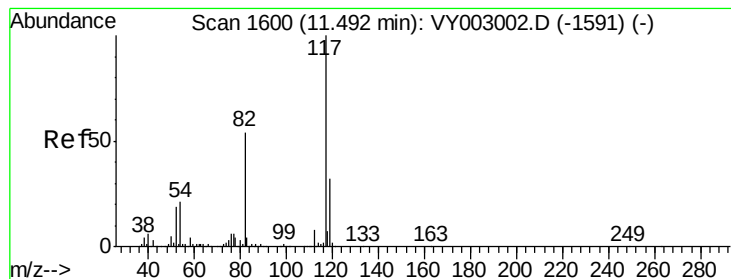
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003059.D

Acq: 01 Jul 2020 15:24

Instrument :

MSVOA_Y

ClientSampleId :

CB-D40

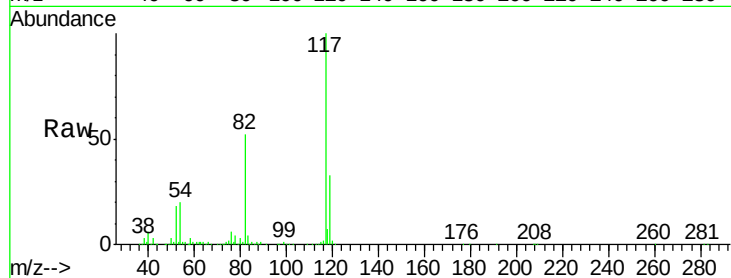
Tot Ion:117 Resp: 461135

Ion Ratio Lower Upper

117 100

82 51.6 43.0 64.6

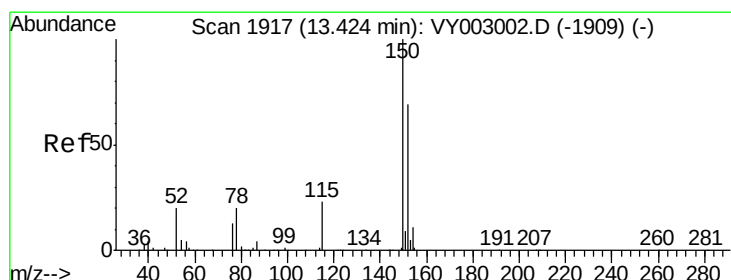
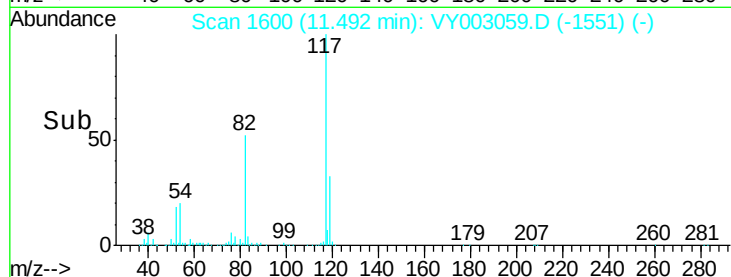
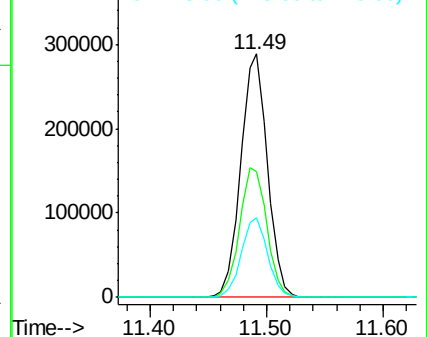
119 32.6 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003059.D

Acq: 01 Jul 2020 15:24

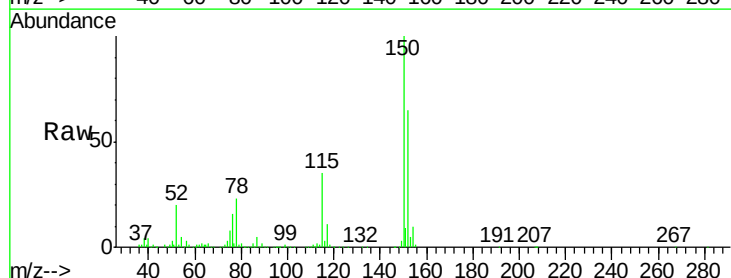
Tgt Ion:152 Resp: 186473

Ion Ratio Lower Upper

152 100

115 54.3 27.3 81.9

150 156.5 0.0 343.4



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

