

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003210.D
 Acq On : 16 Jul 2020 15:31
 Operator : SY/MD
 Sample : L3187-05
 Misc : 7.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-071420

Quant Time: Jul 17 05:57:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	340711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	510281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	440485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	171282	59.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.12%	
35) Dibromofluoromethane	7.72	113	164831	56.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.26%	
50) Toluene-d8	10.18	98	647278	59.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.58%	
62) 4-Bromofluorobenzene	12.48	95	197257	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

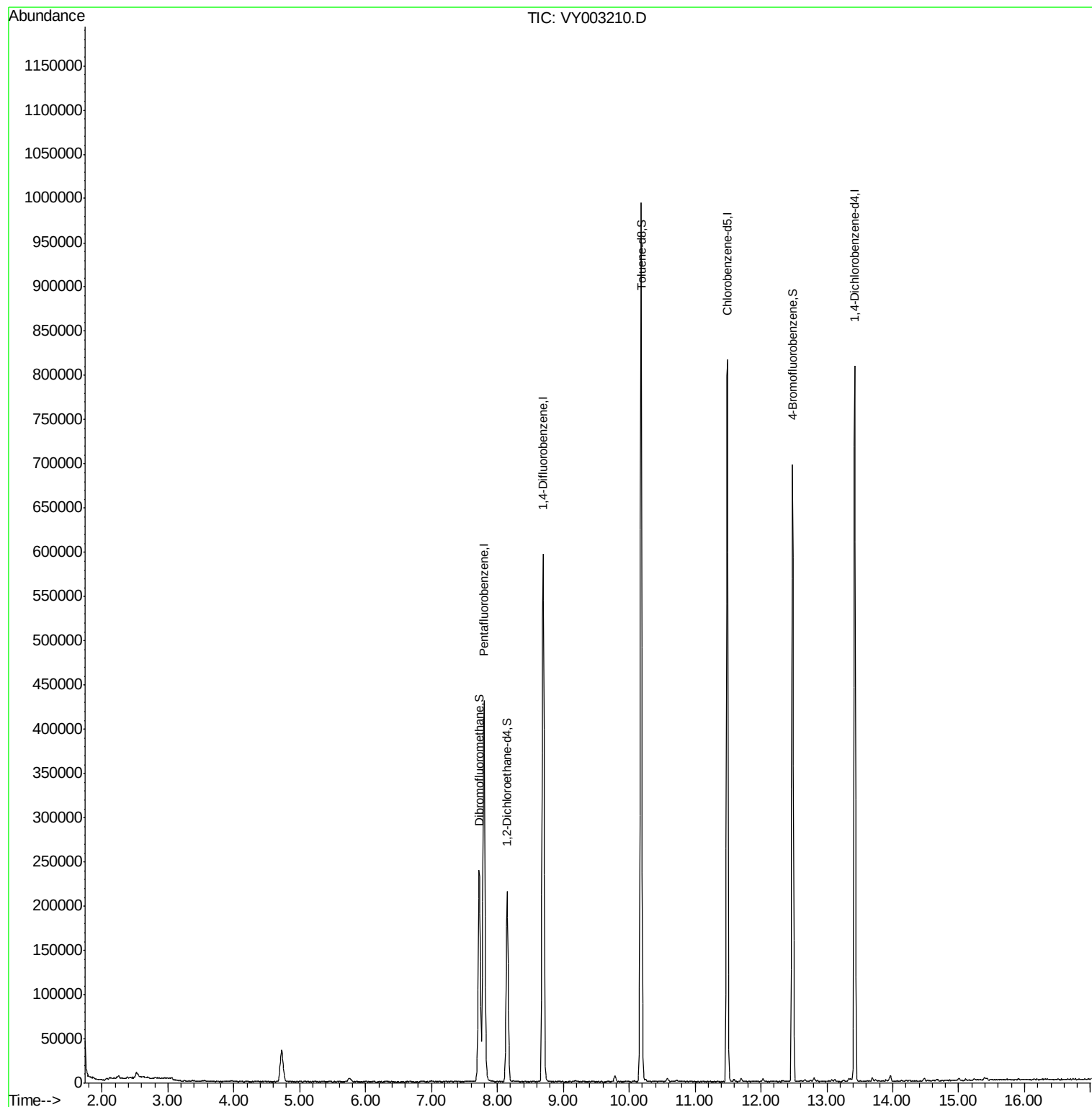
Target Compounds	Qvalue
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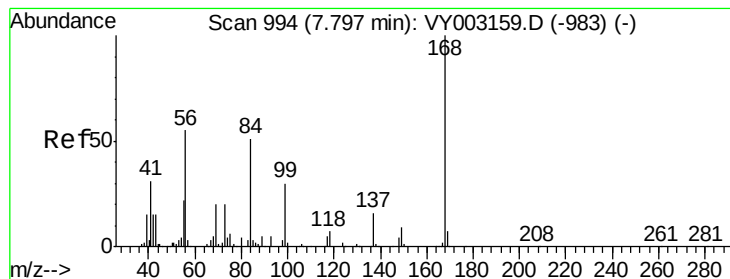
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
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QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003210.D

Acq: 16 Jul 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

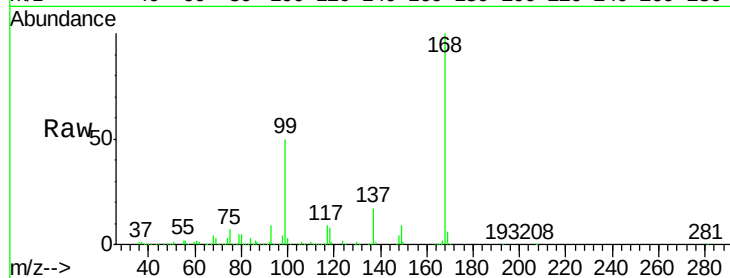
SU-03-071420

Tot Ion:168 Resp: 340711

Ion Ratio Lower Upper

168 100

99 49.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003210.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003210.D (-945) (-)

7.80

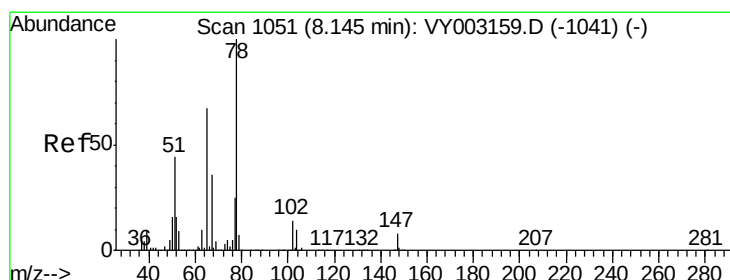
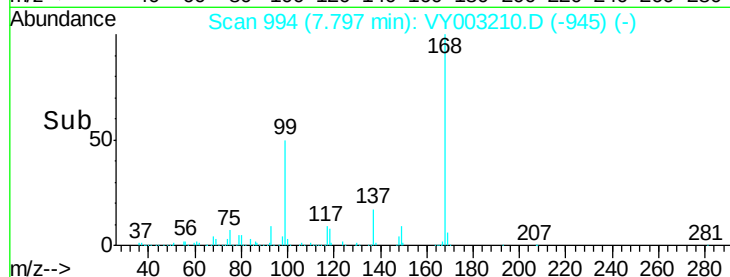
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.561 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003210.D

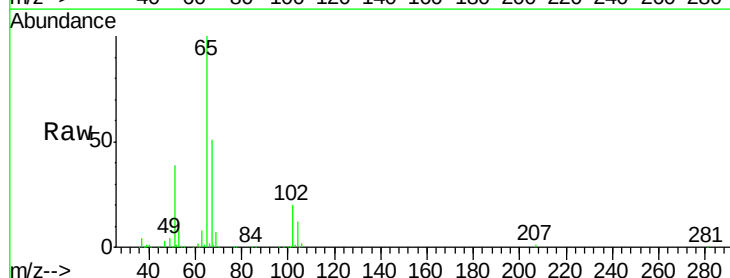
Acq: 16 Jul 2020 15:31

Tgt Ion: 65 Resp: 171282

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003210.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003210.D (-1002) (-)

8.15

80000

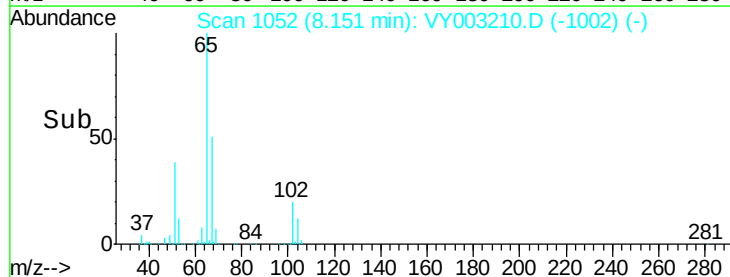
60000

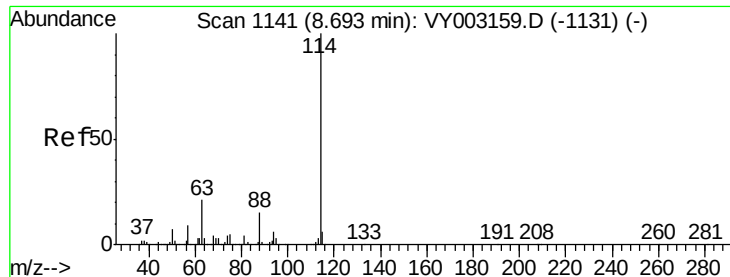
40000

20000

0

Time-->

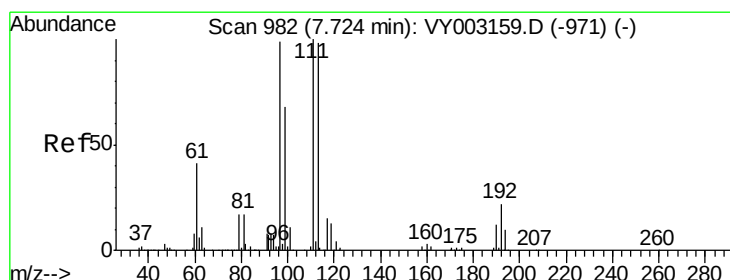
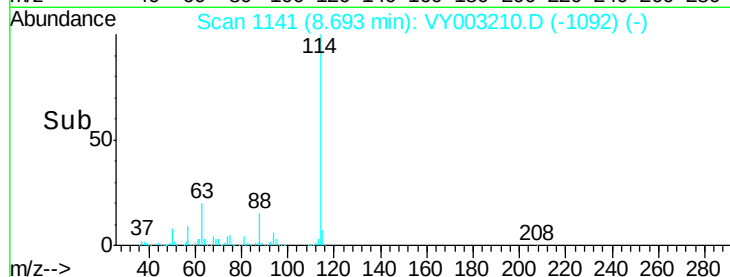
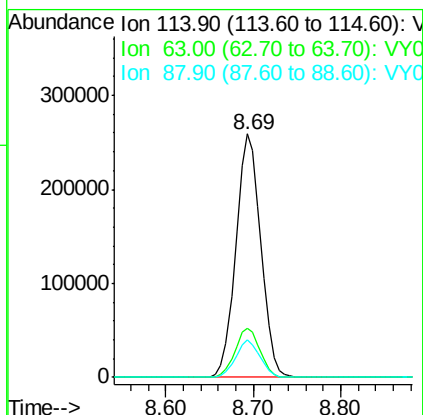
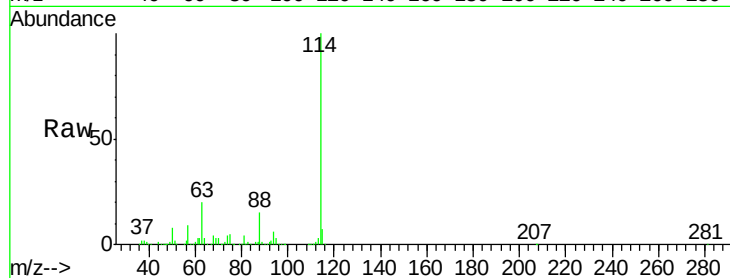




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003210.D
 Acq: 16 Jul 2020 15:31

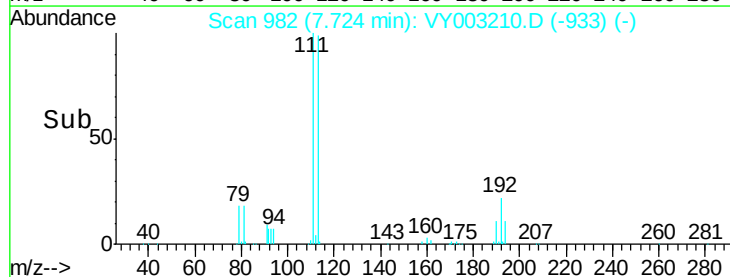
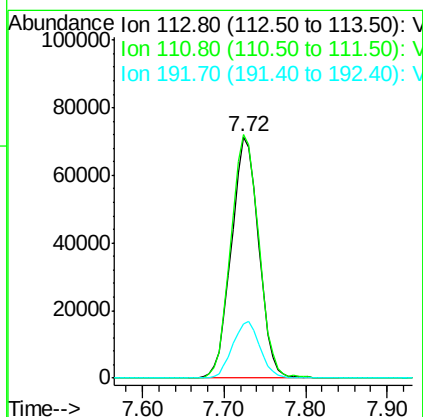
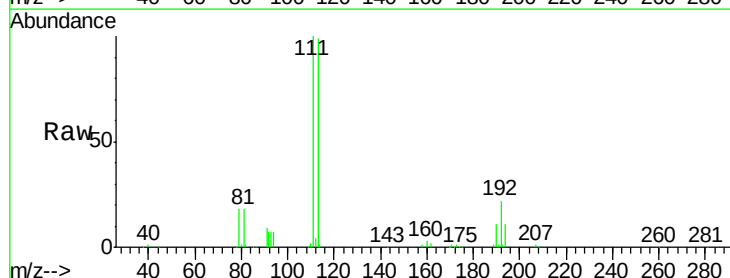
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-071420

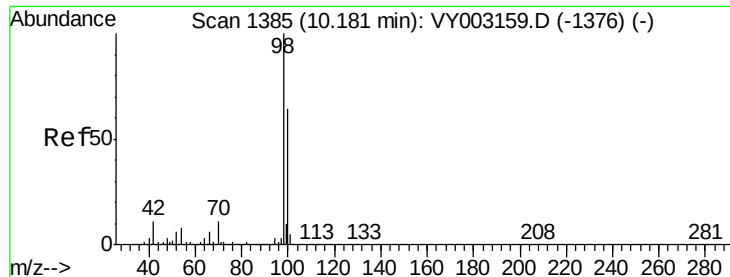
Tot Ion:114 Resp: 510281
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.2
 88 15.2 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 56.131 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003210.D
 Acq: 16 Jul 2020 15:31

Tgt Ion:113 Resp: 164831
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.1 123.1
 192 23.4 18.8 28.2





#50

Toluene-d8

Concen: 59.288 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003210.D

Acq: 16 Jul 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

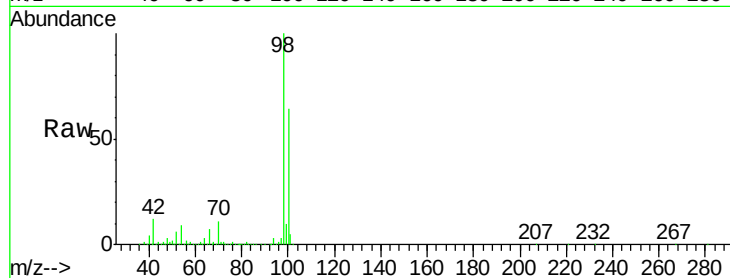
SU-03-071420

Tot Ion: 98 Resp: 647278

Ion Ratio Lower Upper

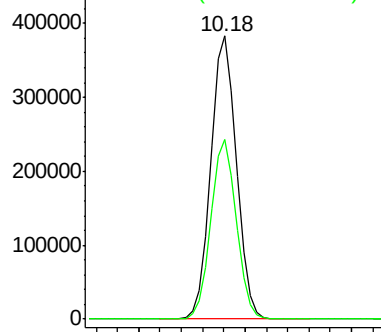
98 100

100 63.2 50.7 76.1

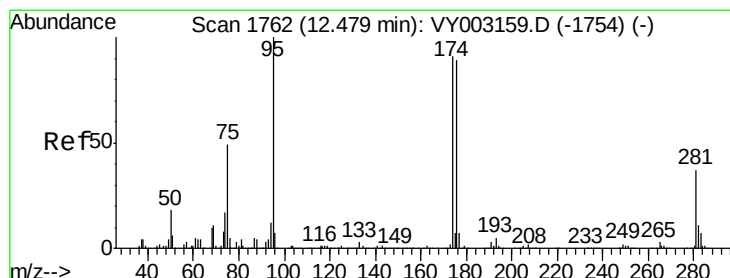
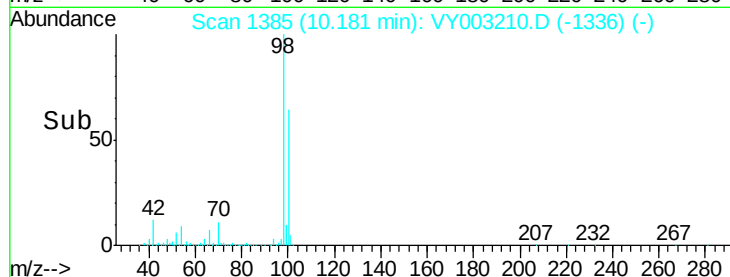


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->



#62

4-Bromofluorobenzene

Concen: 50.013 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003210.D

Acq: 16 Jul 2020 15:31

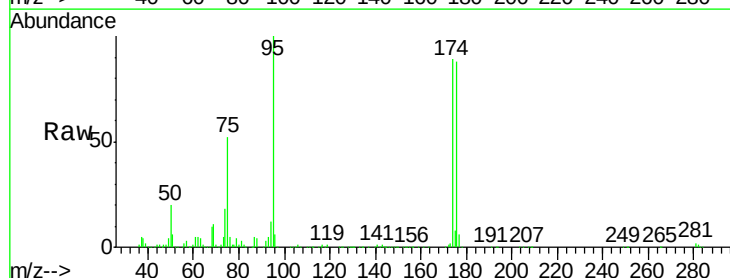
Tgt Ion: 95 Resp: 197257

Ion Ratio Lower Upper

95 100

174 94.5 0.0 190.6

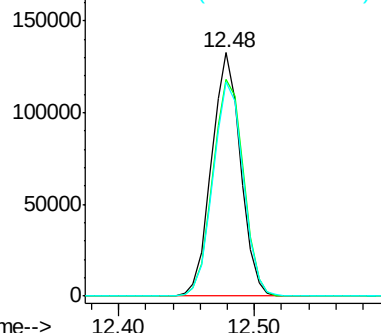
176 91.9 0.0 186.4



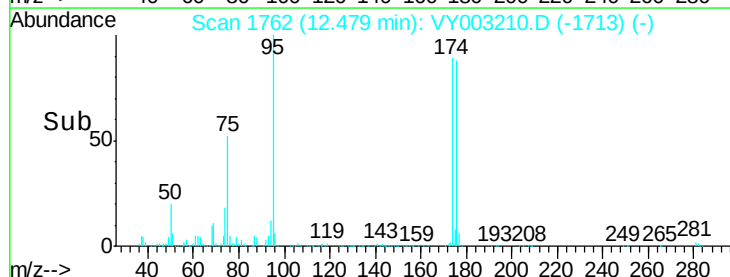
Abundance Ion 94.90 (94.60 to 95.60): VY0

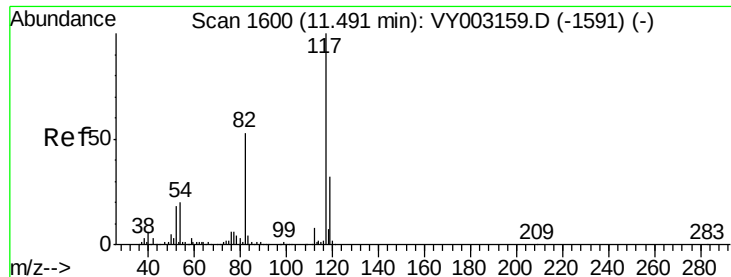
Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



Time-->

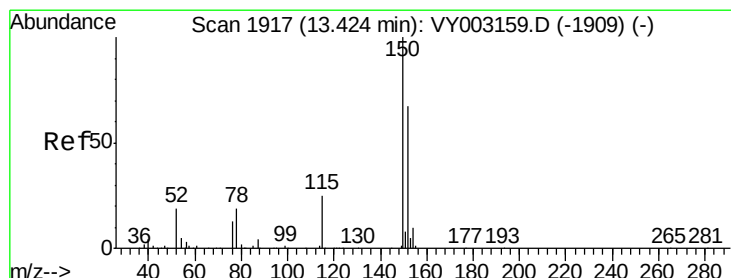
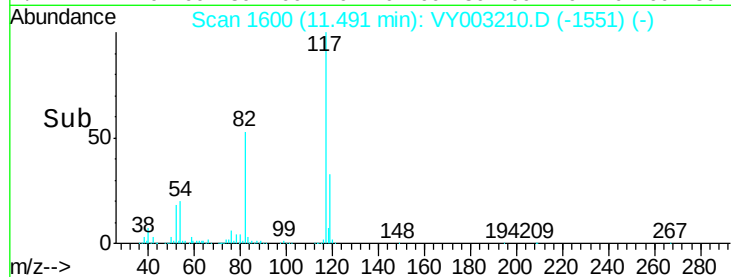
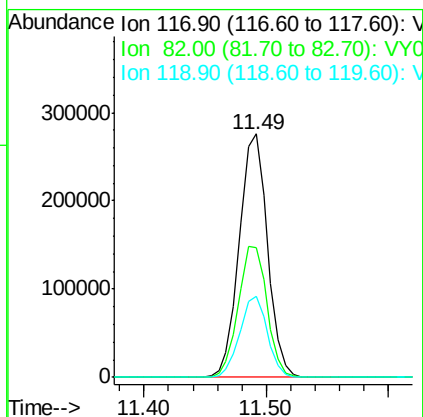
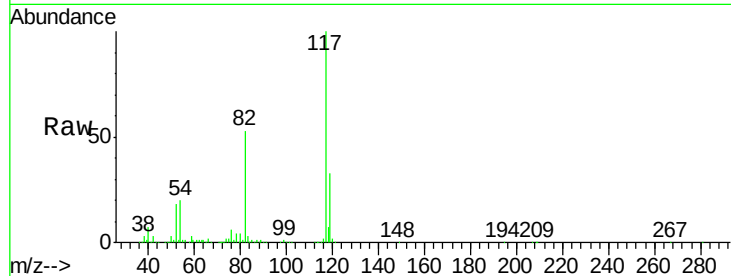




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003210.D
Acq: 16 Jul 2020 15:31

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-071420

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.0	63.0
119	33.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003210.D
Acq: 16 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	26.9	80.7
150	158.9	0.0	338.0

