

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002851.D
 Acq On : 05 Jun 2020 16:14
 Operator : SY/MD
 Sample : L2890-07
 Misc : 7.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26572-25062-251686

Quant Time: Jun 06 08:23:11 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	309019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	504833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	470464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	214662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	147751	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
35) Dibromofluoromethane	7.73	113	153751	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	10.18	98	603813	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.48	95	198850	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	

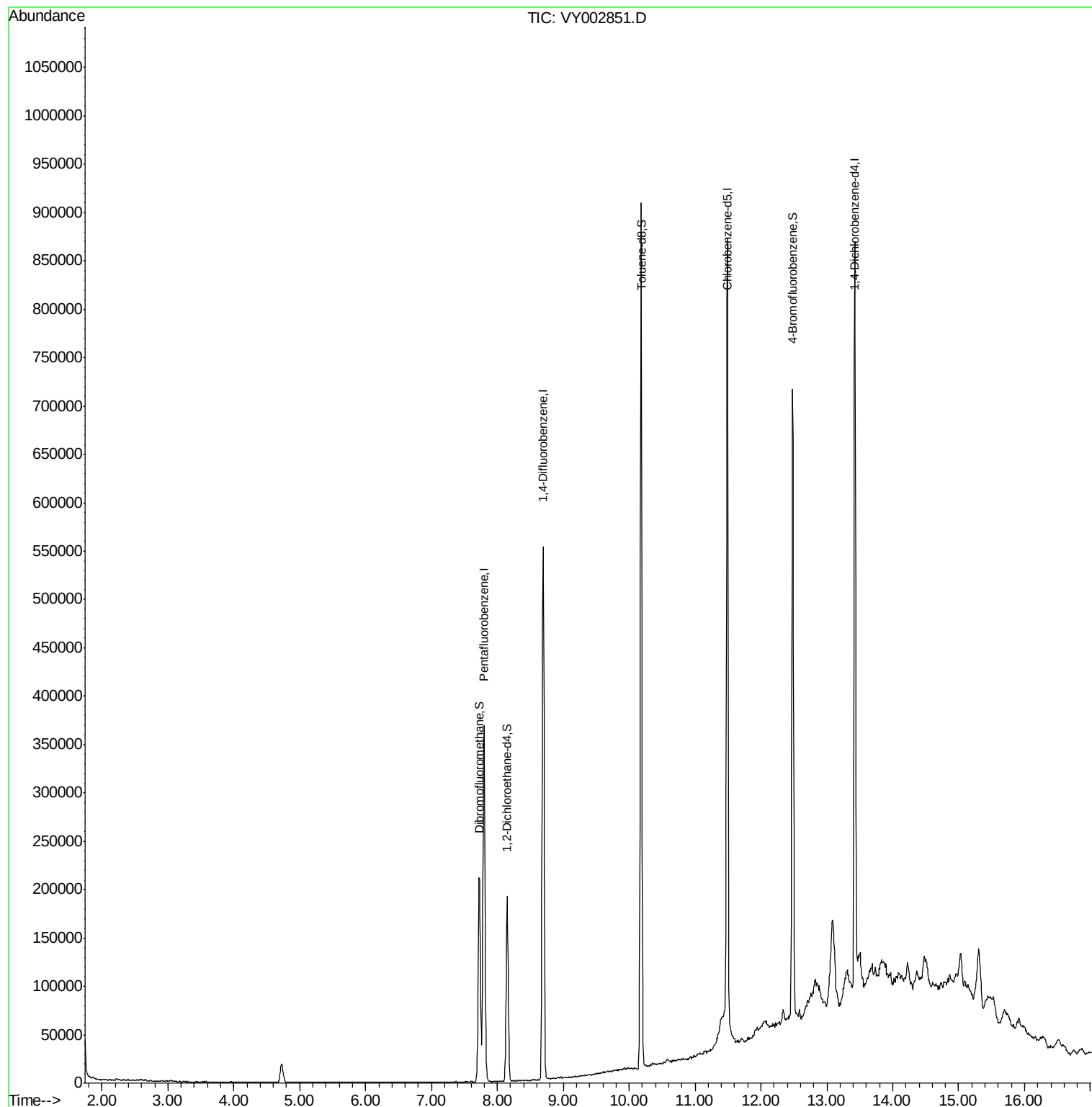
Target Compounds Qvalue

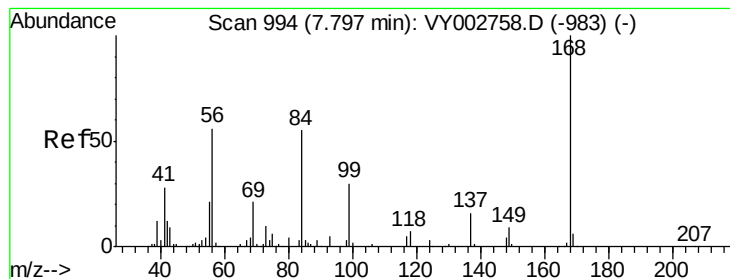
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002851.D

Acq: 05 Jun 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

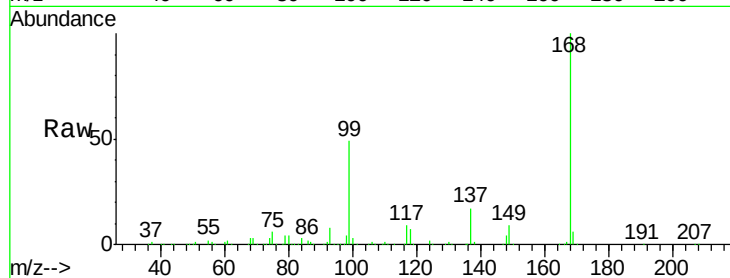
26572-25062-251686

Tot Ion:168 Resp: 309019

Ion Ratio Lower Upper

168 100

99 48.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

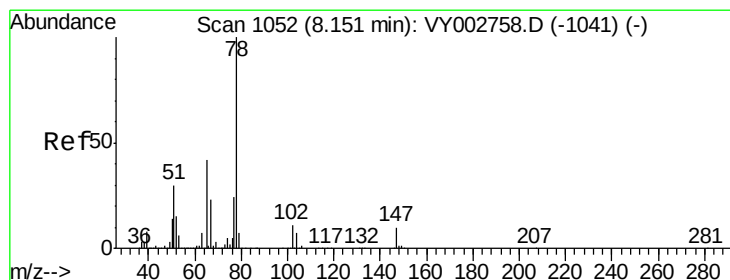
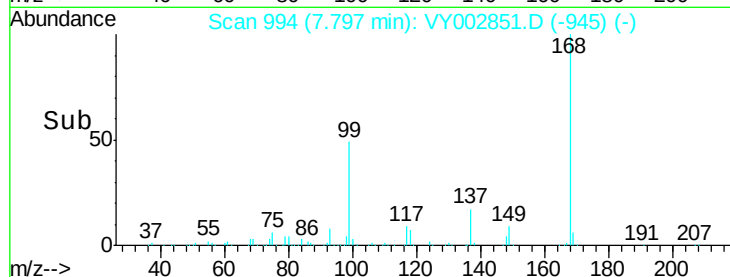
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.066 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002851.D

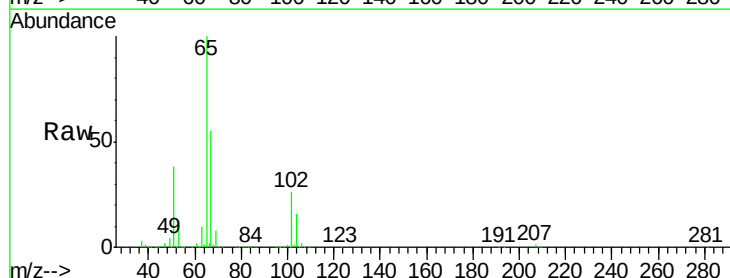
Acq: 05 Jun 2020 16:14

Tgt Ion: 65 Resp: 147751

Ion Ratio Lower Upper

65 100

67 54.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002758.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY002758.D (-1041) (-)

8.15

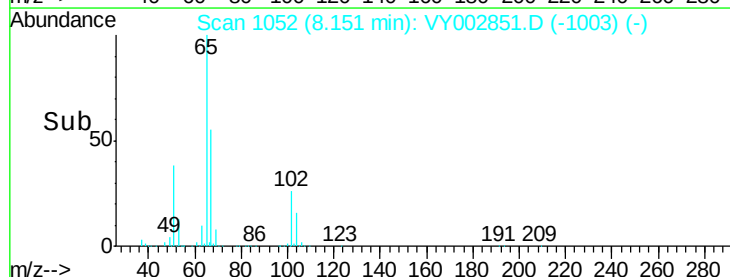
60000

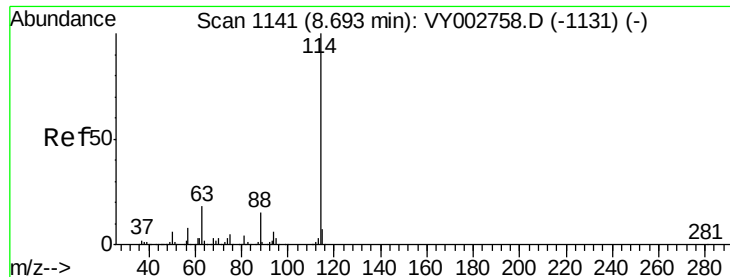
40000

20000

0

Time-->

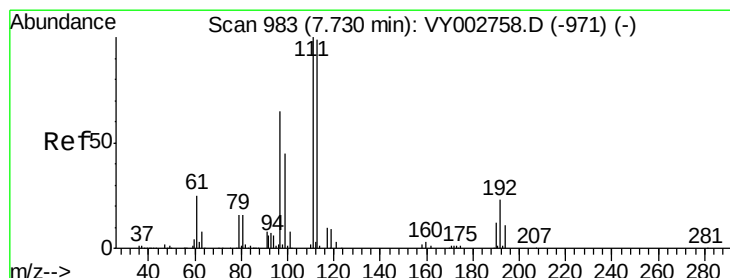
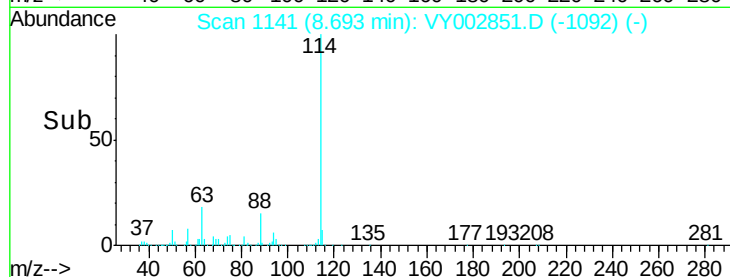
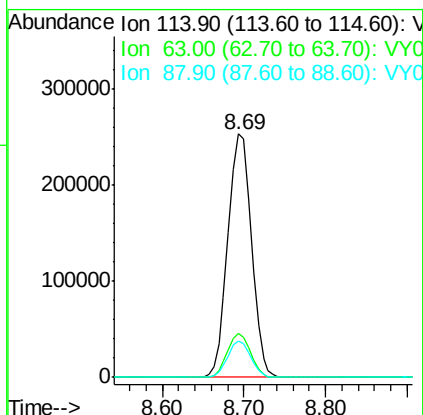
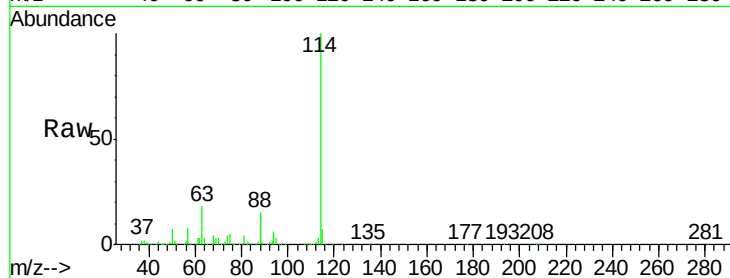




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002851.D
 Acq: 05 Jun 2020 16:14

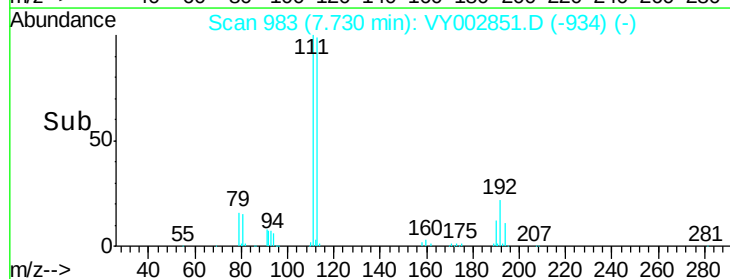
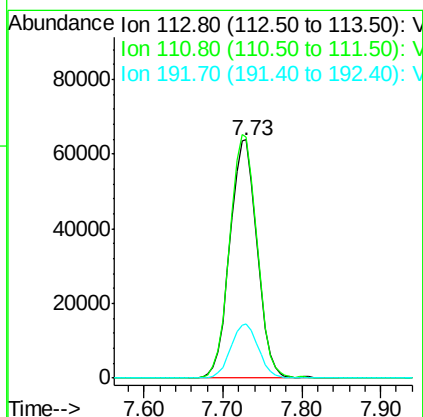
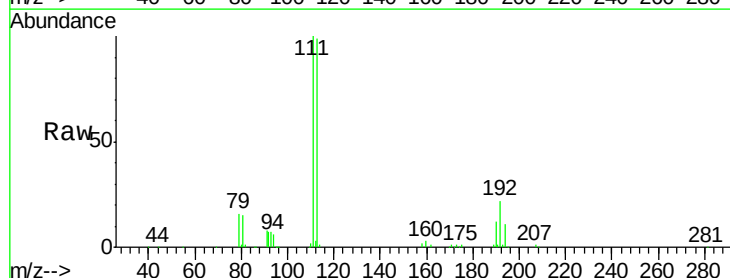
Instrument :
 MSVOA_Y
 ClientSampleId :
 26572-25062-251686

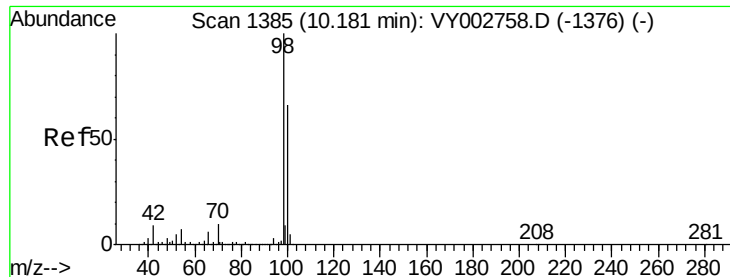
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.2
88	15.1	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 51.968 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY002851.D
 Acq: 05 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	22.9	18.9	28.3





#50

Toluene-d8

Concen: 50.476 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

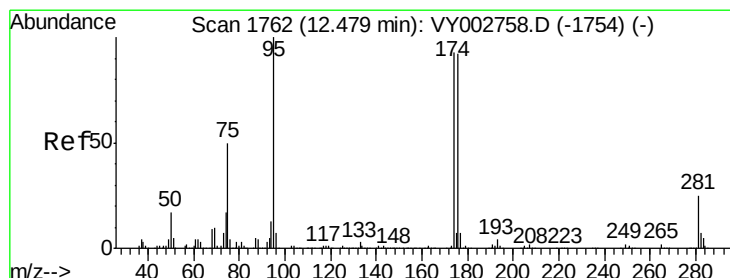
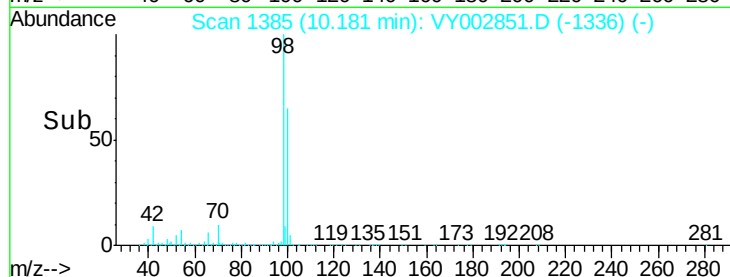
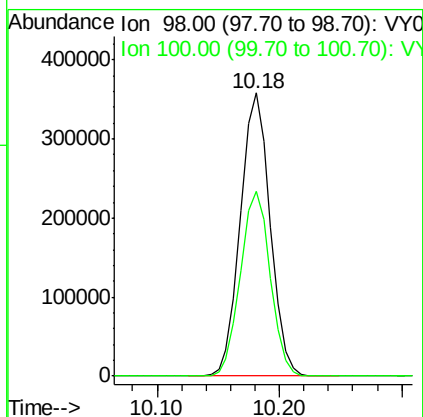
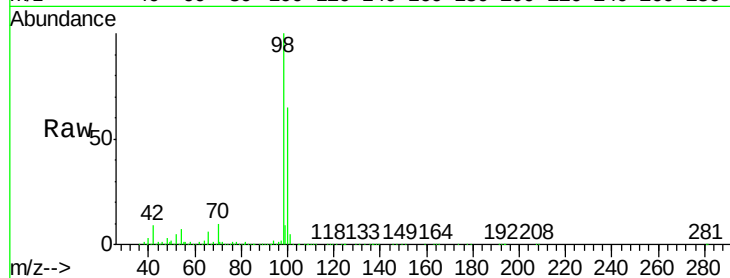
26572-25062-251686

Tot Ion: 98 Resp: 603813

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.641 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

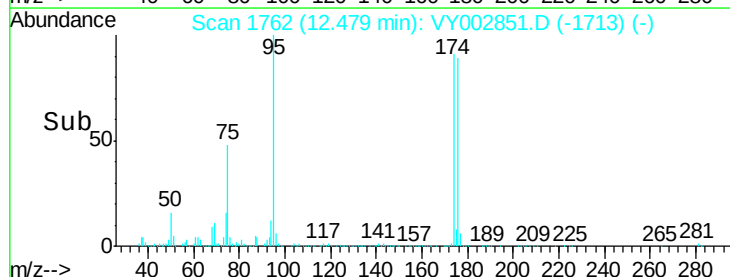
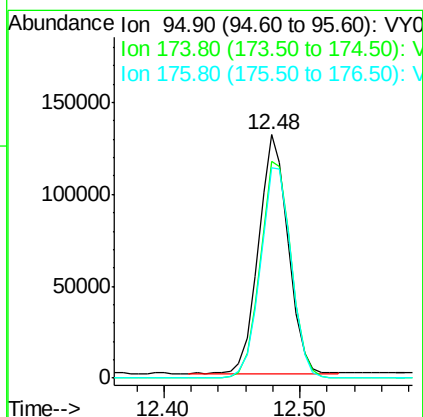
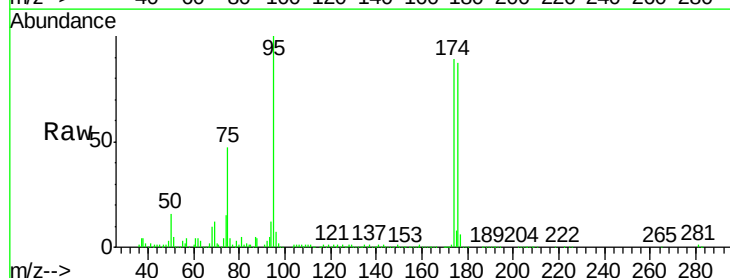
Tgt Ion: 95 Resp: 198850

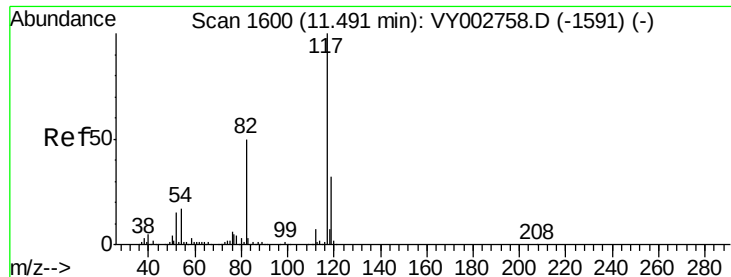
Ion Ratio Lower Upper

95 100

174 94.0 0.0 191.2

176 91.7 0.0 188.8

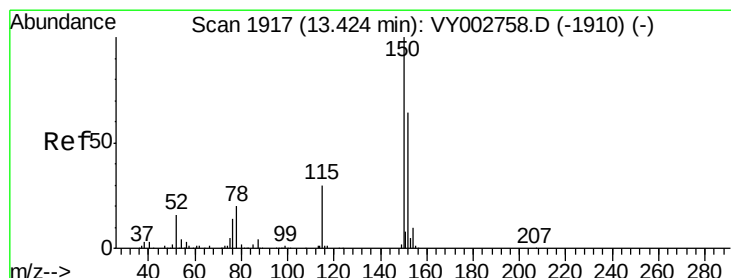
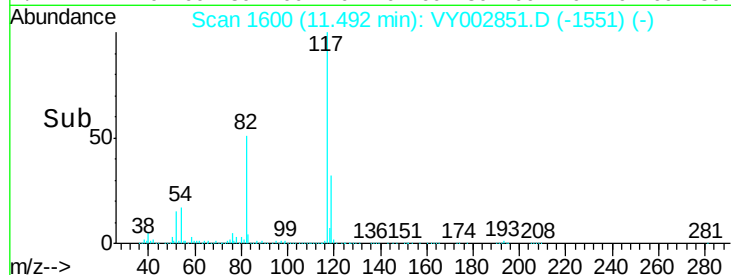
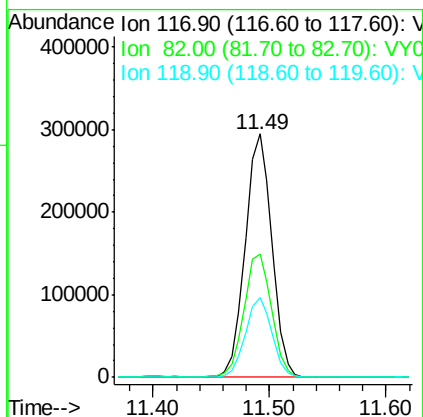
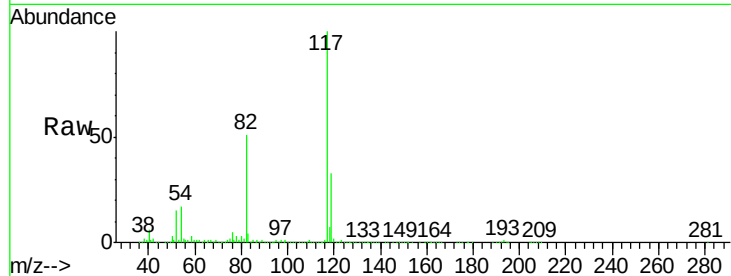




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002851.D
Acq: 05 Jun 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :
26572-25062-251686

Tot Ion:117 Resp: 470464
Ion Ratio Lower Upper
117 100
82 50.4 40.2 60.4
119 32.4 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: VY002851.D
Acq: 05 Jun 2020 16:14

Tgt Ion:152 Resp: 214662
Ion Ratio Lower Upper
152 100
115 54.4 27.0 81.0
150 155.2 0.0 344.8

