

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012298.D
 Acq On : 20 Jan 2023 18:10
 Operator : KP/MD
 Sample : 01232-08
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-35A

Quant Time: Jan 23 02:24:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	188384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	314014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	103754	67.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.700%
35) Dibromofluoromethane	7.716	113	92951	55.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.800%
50) Toluene-d8	10.179	98	369520	65.483	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.960%
62) 4-Bromofluorobenzene	12.483	95	124270	53.018	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.040%

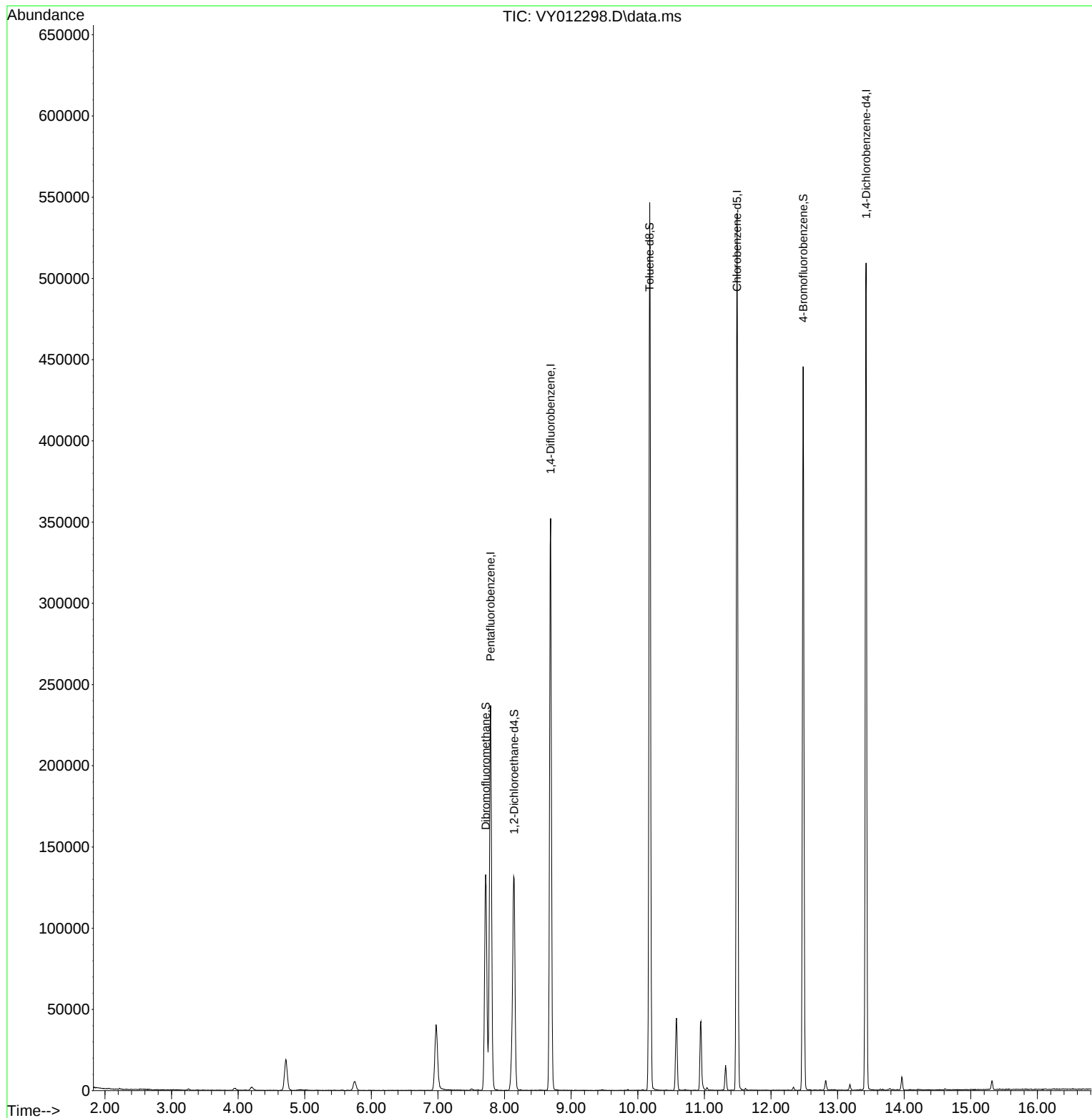
Target Compounds	Qvalue

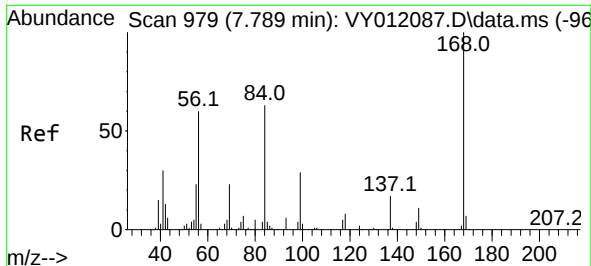
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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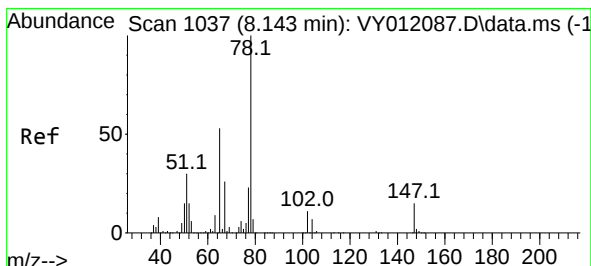
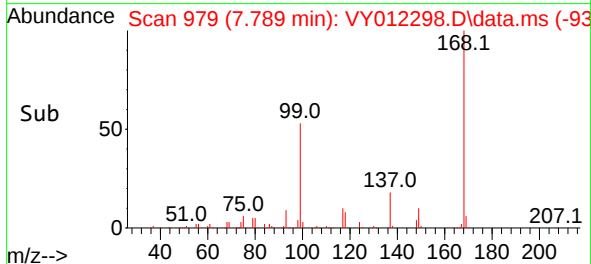
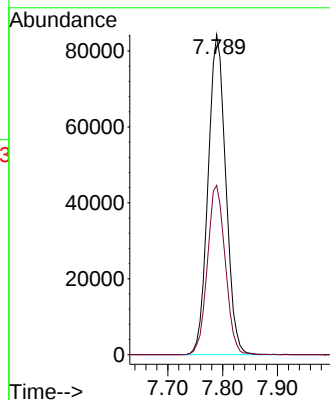
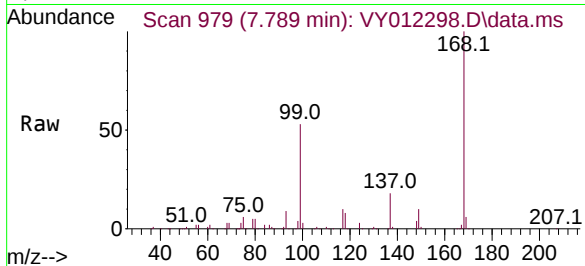




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012298.D
Acq: 20 Jan 2023 18:10

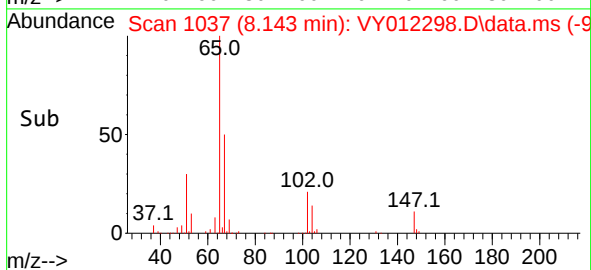
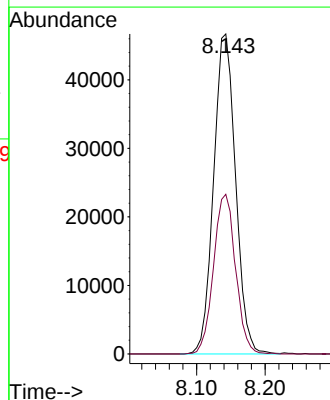
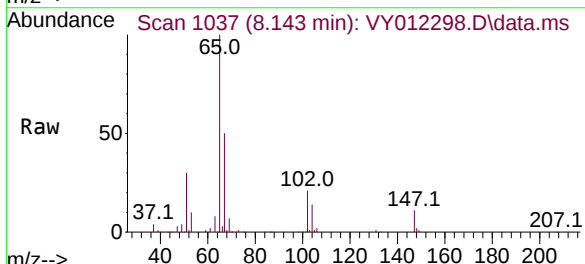
Instrument :
MSVOA_Y
ClientSampleId :
B-P-35A

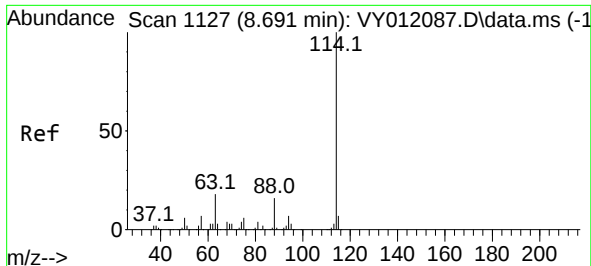
Tgt Ion:168 Resp: 188384
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 67.849 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012298.D
Acq: 20 Jan 2023 18:10

Tgt Ion: 65 Resp: 103754
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.2

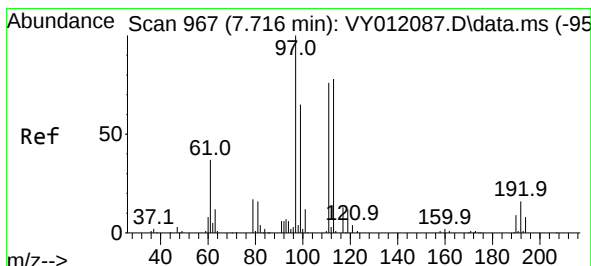
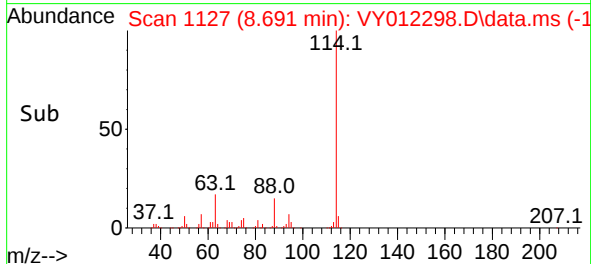
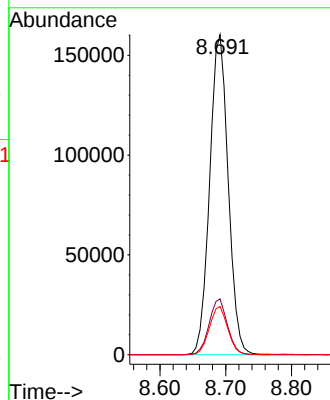
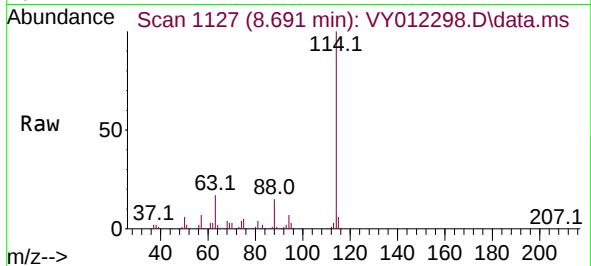




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012298.D
Acq: 20 Jan 2023 18:10

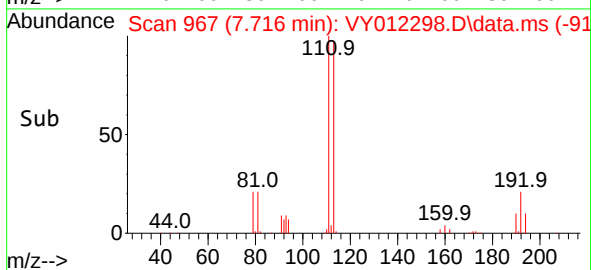
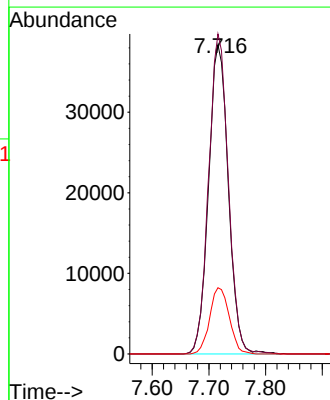
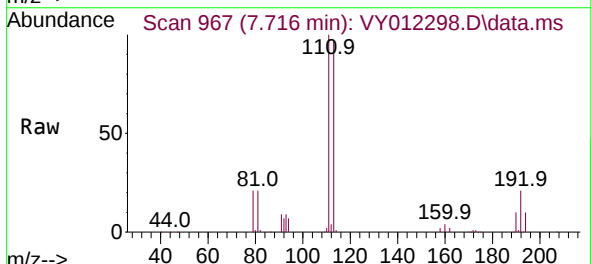
Instrument :
MSVOA_Y
ClientSampleId :
B-P-35A

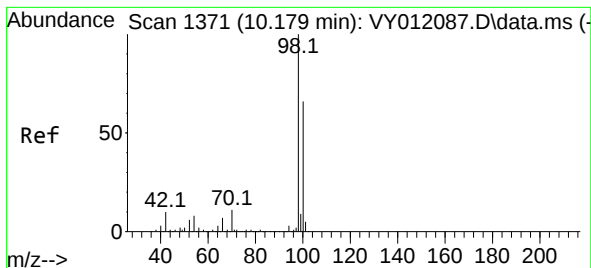
Tgt Ion:	114	Resp:	314014
Ion Ratio	Lower	Upper	
114	100		
63	17.4	0.0	39.6
88	15.0	0.0	32.2



#35
Dibromofluoromethane
Concen: 55.903 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012298.D
Acq: 20 Jan 2023 18:10

Tgt Ion:	113	Resp:	92951
Ion Ratio	Lower	Upper	
113	100		
111	102.8	83.0	124.4
192	21.3	16.0	24.0





#50

Toluene-d8

Concen: 65.483 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012298.D

Acq: 20 Jan 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

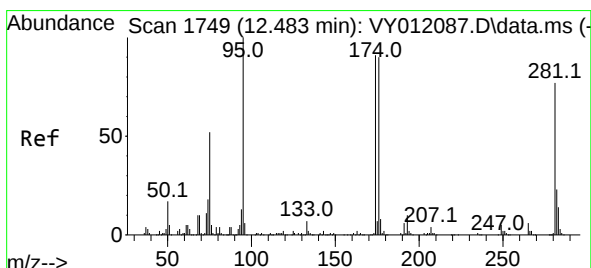
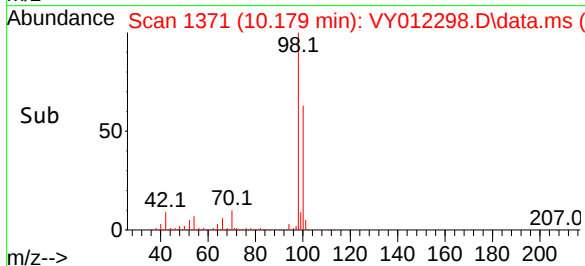
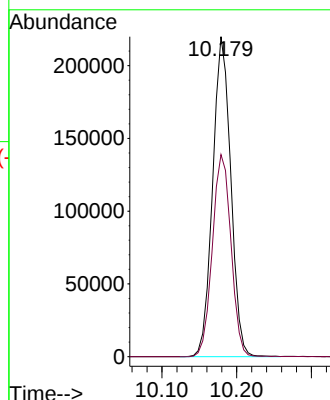
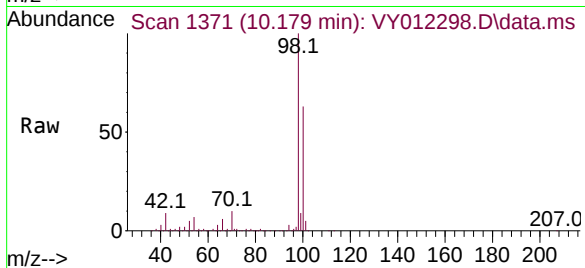
B-P-35A

Tgt Ion: 98 Resp: 369520

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.018 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012298.D

Acq: 20 Jan 2023 18:10

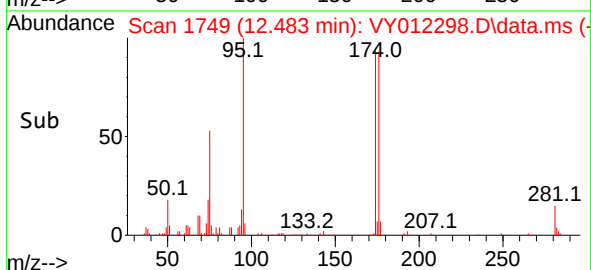
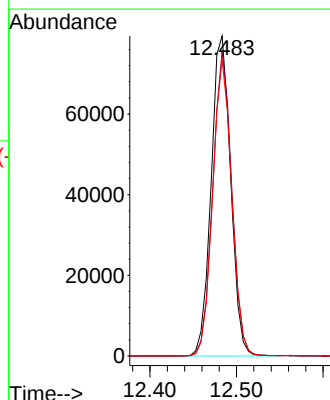
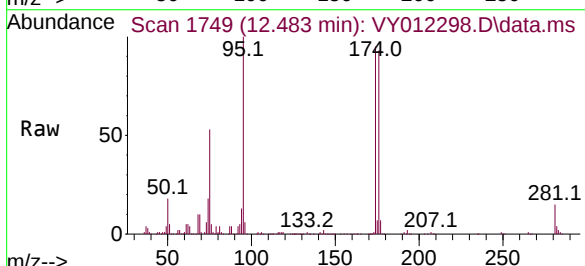
Tgt Ion: 95 Resp: 124270

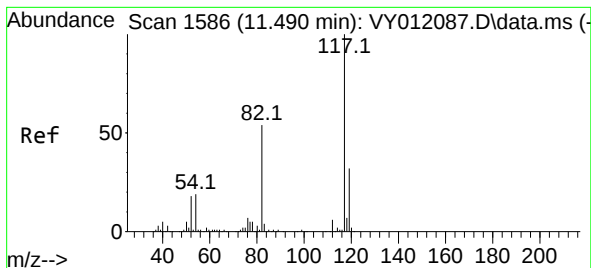
Ion Ratio Lower Upper

95 100

174 92.7 0.0 172.0

176 90.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012298.D

Acq: 20 Jan 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

B-P-35A

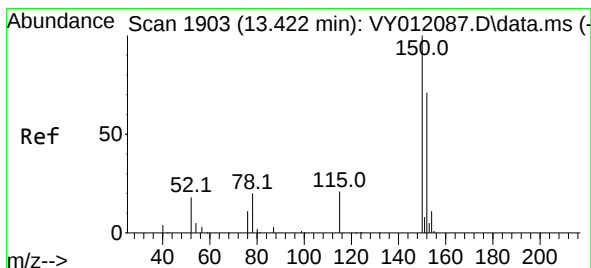
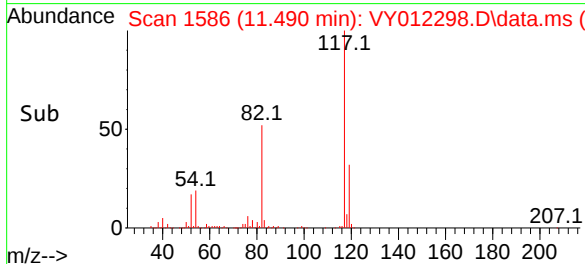
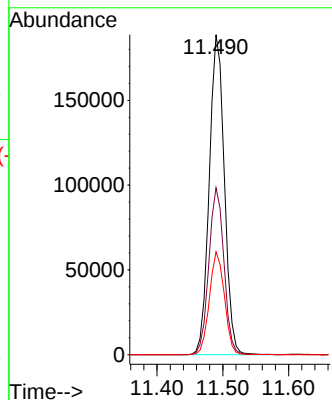
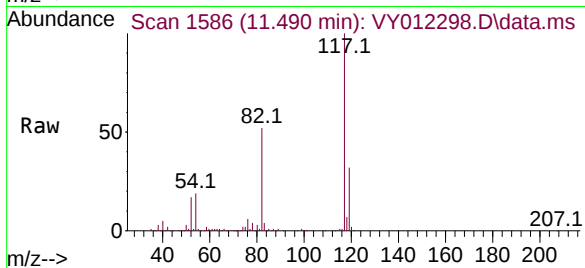
Tgt Ion:117 Resp: 302134

Ion Ratio Lower Upper

117 100

82 52.2 44.8 67.2

119 32.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012298.D

Acq: 20 Jan 2023 18:10

Tgt Ion:152 Resp: 140878

Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.3

150 157.0 0.0 342.6

