

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012878.D
 Acq On : 08 Mar 2023 17:59
 Operator : KP/MD
 Sample : 01829-08
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-08-20230306

Quant Time: Mar 09 00:38:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	66460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	110197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	102184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43948	66.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.200%
35) Dibromofluoromethane	7.722	113	38956	58.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.160%
50) Toluene-d8	10.179	98	133775	55.023	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.040%
62) 4-Bromofluorobenzene	12.483	95	41285	50.310	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.620%

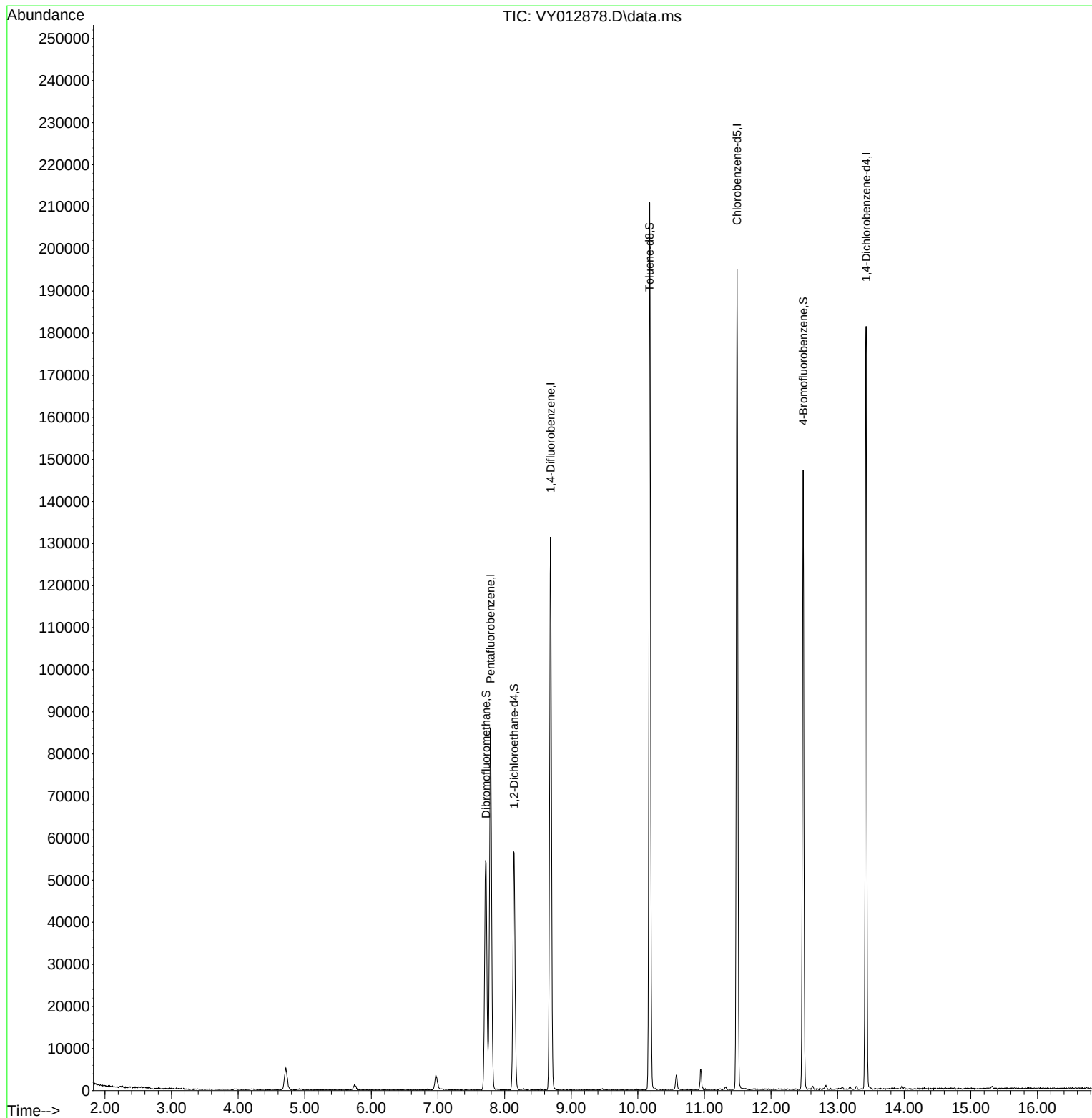
Target Compounds	Qvalue

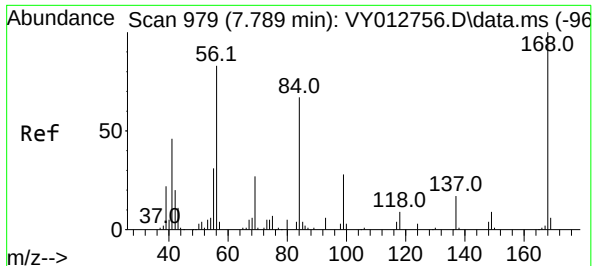
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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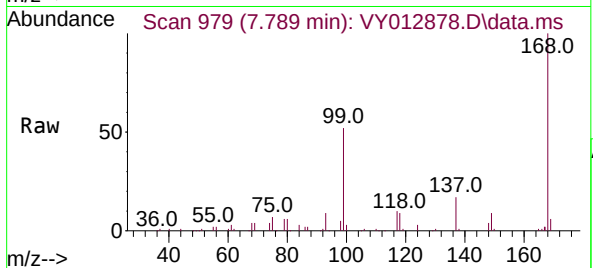
Quant Time: Mar 09 00:38:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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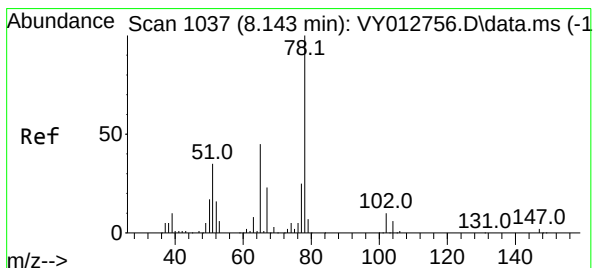
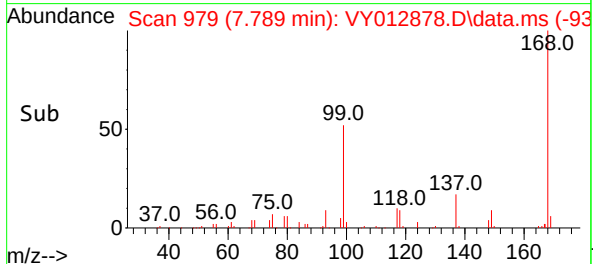
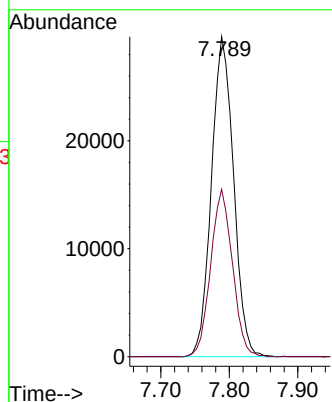


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012878.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :
SS-08-20230306

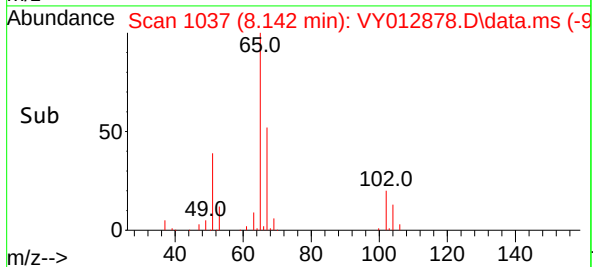
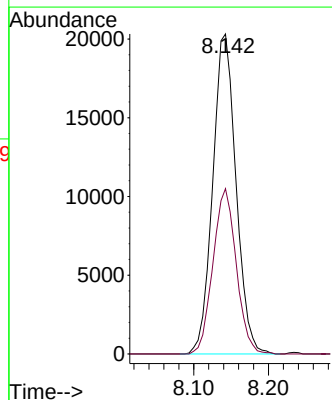
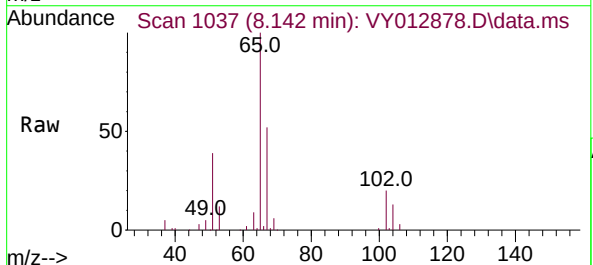


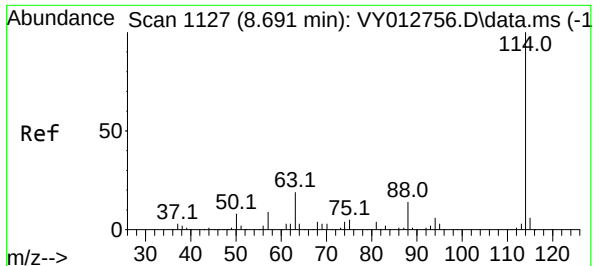
Tgt Ion:168 Resp: 66460
Ion Ratio Lower Upper
168 100
99 52.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 66.602 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012878.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 65 Resp: 43948
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012878.D

Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

SS-08-20230306

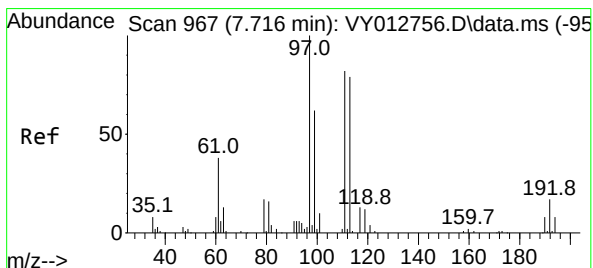
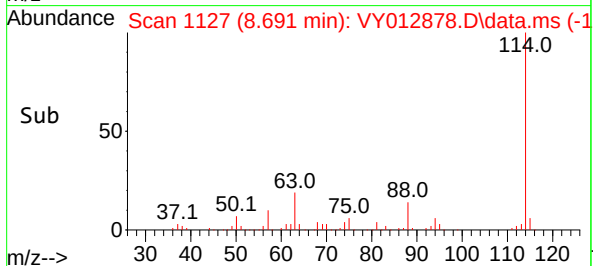
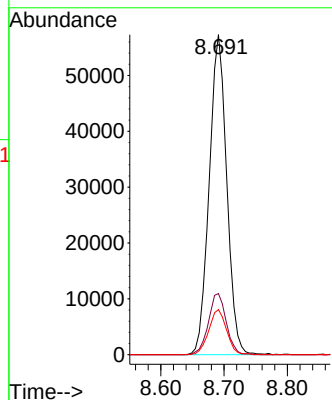
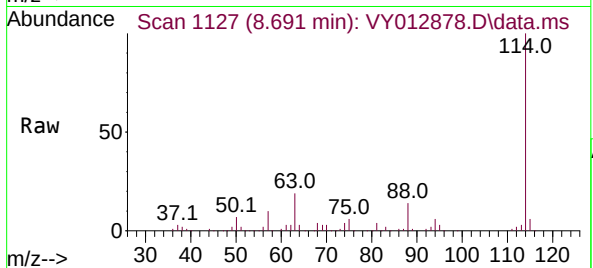
Tgt Ion:114 Resp: 110197

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 58.577 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012878.D

Acq: 08 Mar 2023 17:59

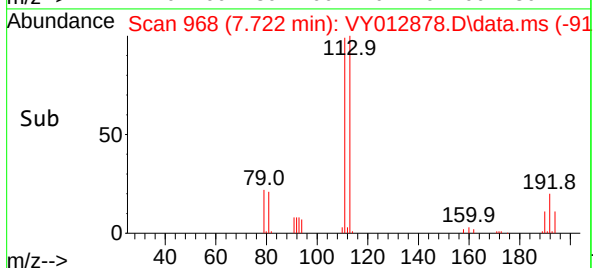
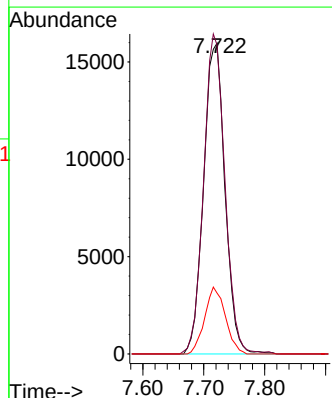
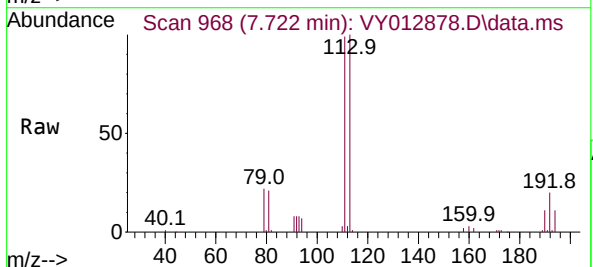
Tgt Ion:113 Resp: 38956

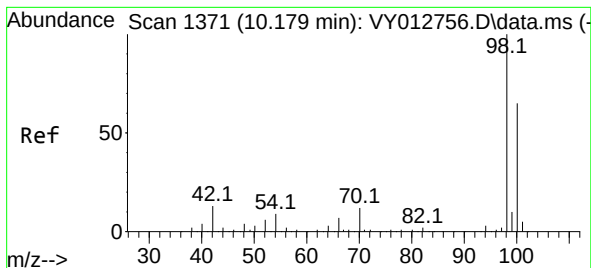
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 20.8 16.8 25.2





#50

Toluene-d8

Concen: 55.023 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012878.D

Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

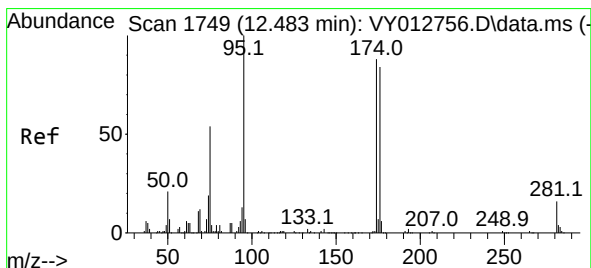
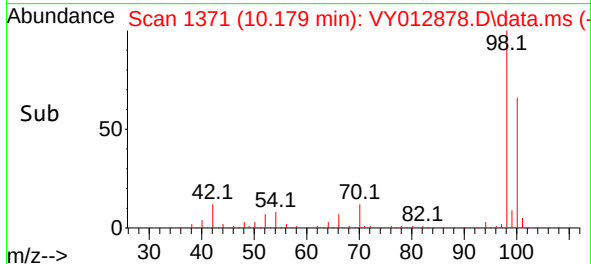
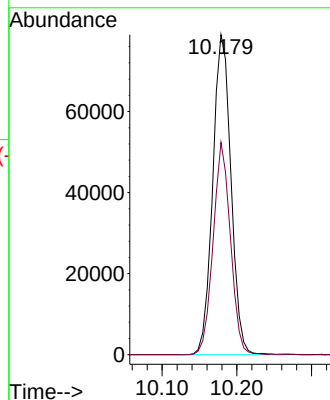
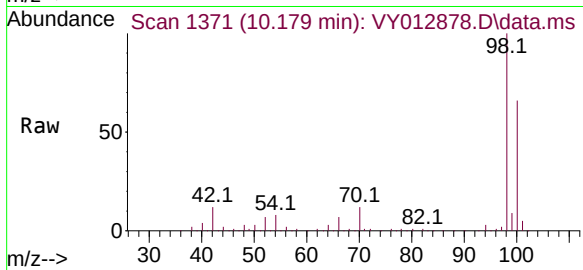
SS-08-20230306

Tgt Ion: 98 Resp: 133775

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 50.310 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012878.D

Acq: 08 Mar 2023 17:59

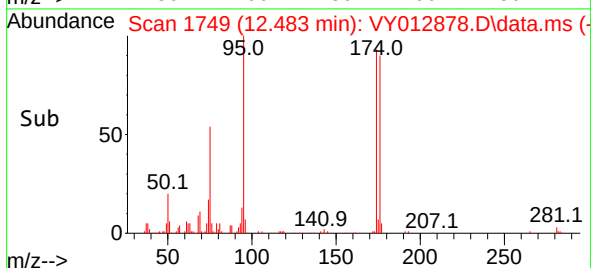
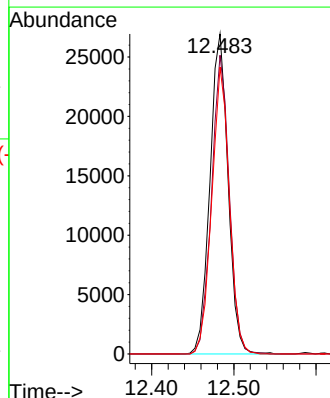
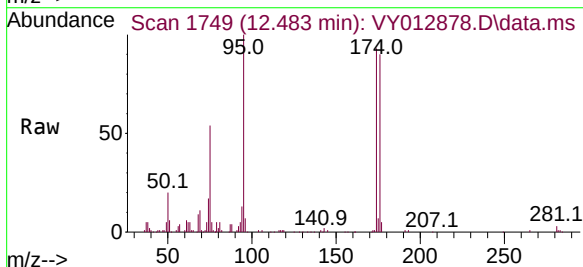
Tgt Ion: 95 Resp: 41285

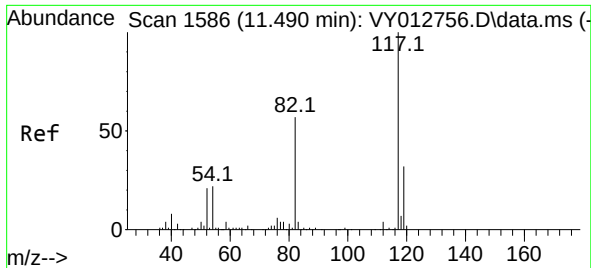
Ion Ratio Lower Upper

95 100

174 91.5 0.0 176.6

176 87.1 0.0 170.2

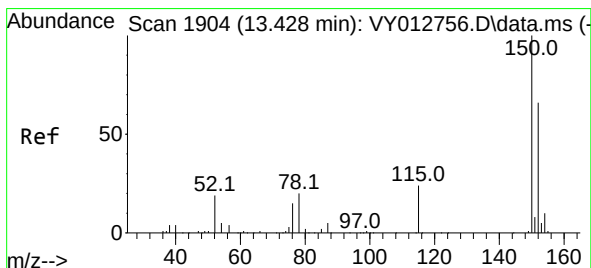
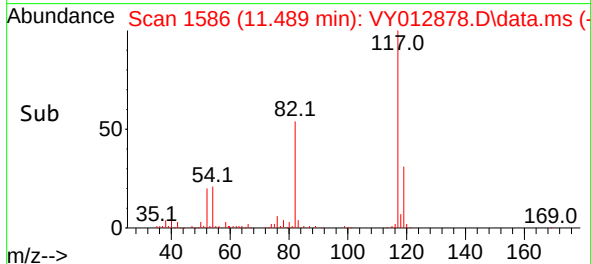
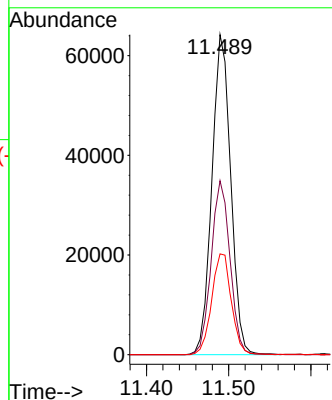
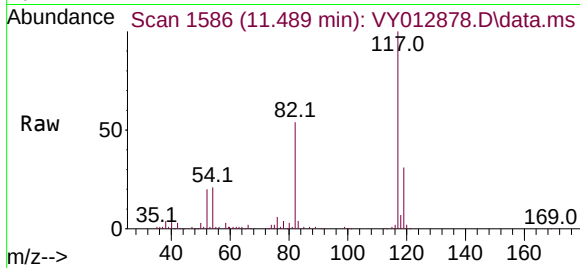




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012878.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :
SS-08-20230306

Tgt Ion:117 Resp: 102184
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012878.D
Acq: 08 Mar 2023 17:59

Tgt Ion:152 Resp: 46541
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 158.6 0.0 347.8

