

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012775.D
 Acq On : 02 Mar 2023 21:32
 Operator : KP/MD
 Sample : 01767-01
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-45-030123

Quant Time: Mar 03 02:01:09 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	119994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63712	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74716	62.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.420%
35) Dibromofluoromethane	7.716	113	70587	58.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.660%
50) Toluene-d8	10.179	98	217243	49.105	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.483	95	65188	43.656	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.320%

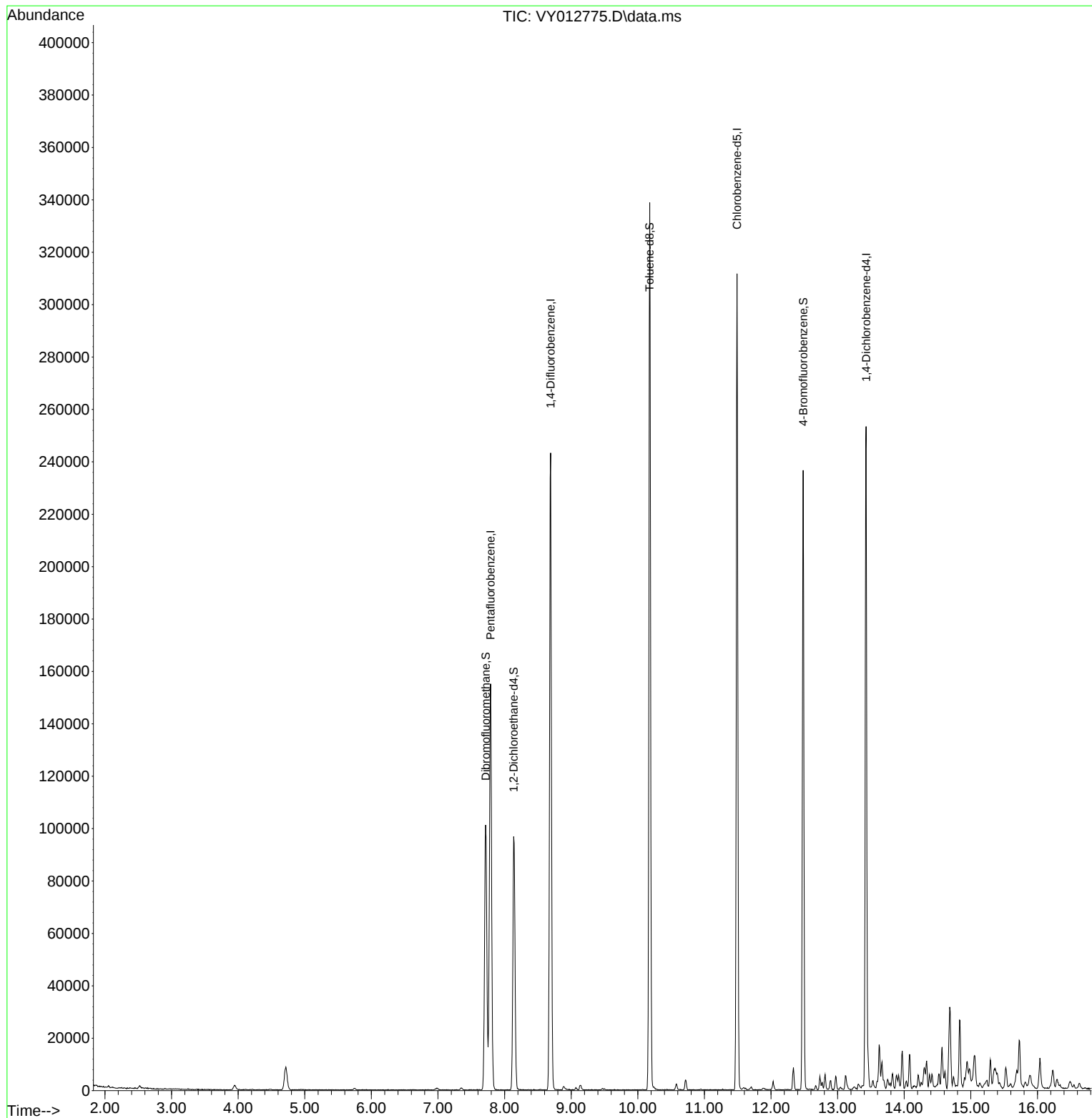
Target Compounds	Qvalue

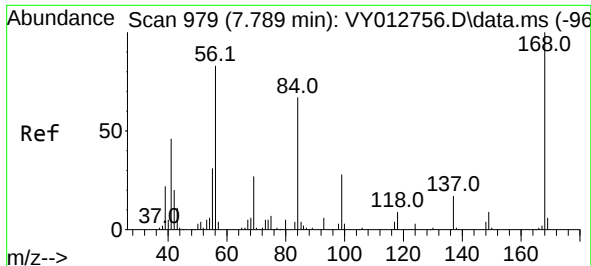
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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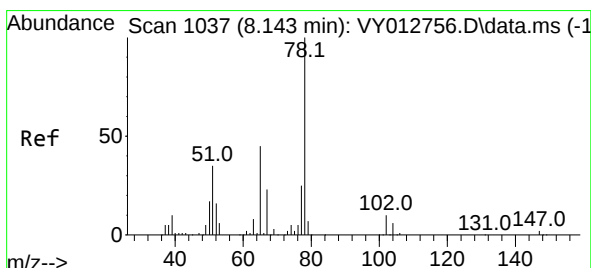
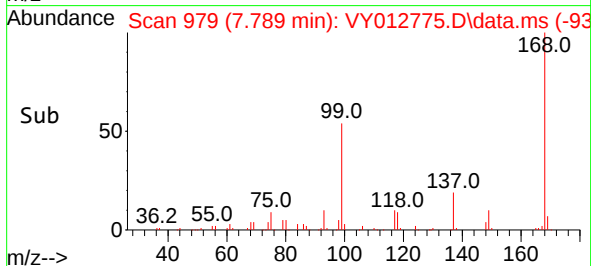
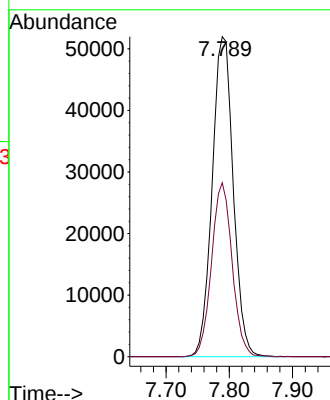
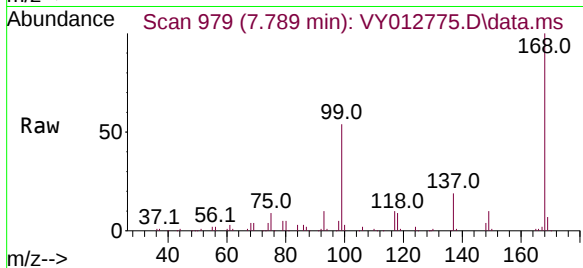




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012775.D
Acq: 02 Mar 2023 21:32

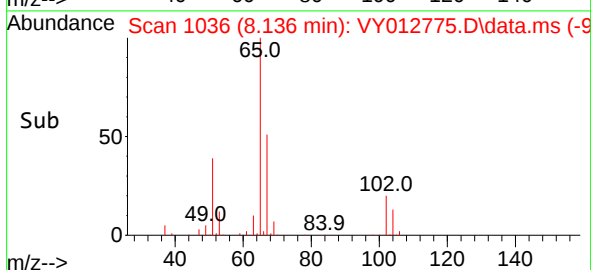
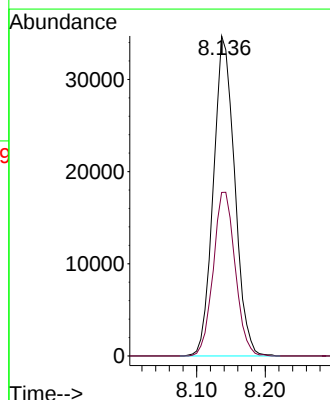
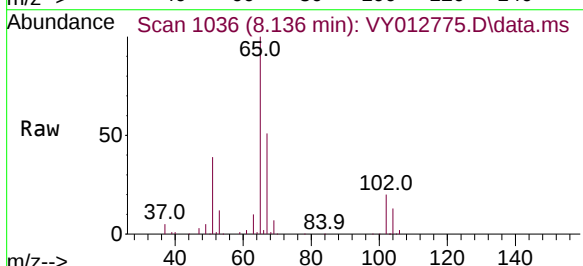
Instrument :
MSVOA_Y
ClientSampleId :
CE-45-030123

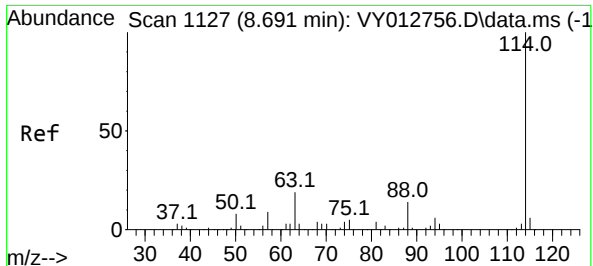
Tgt Ion:168 Resp: 119994
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 62.714 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012775.D
Acq: 02 Mar 2023 21:32

Tgt Ion: 65 Resp: 74716
Ion Ratio Lower Upper
65 100
67 52.8 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: VY012775.D

Acq: 02 Mar 2023 21:32

Instrument :

MSVOA_Y

ClientSampleId :

CE-45-030123

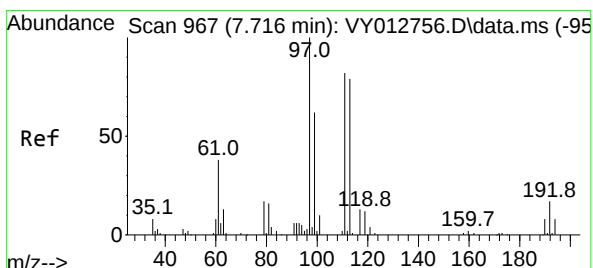
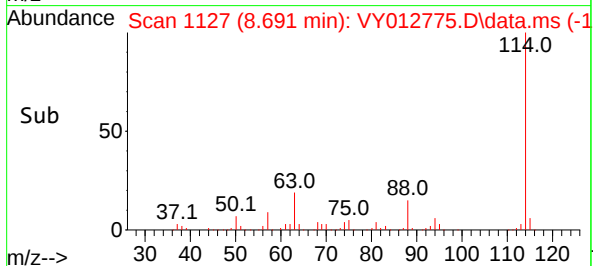
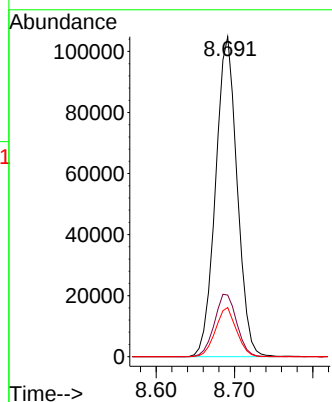
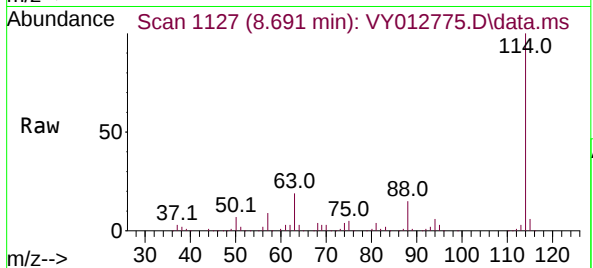
Tgt Ion:114 Resp: 200521

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 15.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 58.330 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012775.D

Acq: 02 Mar 2023 21:32

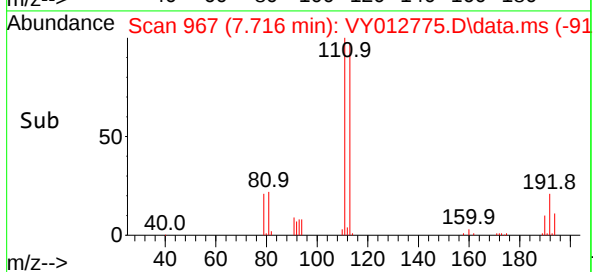
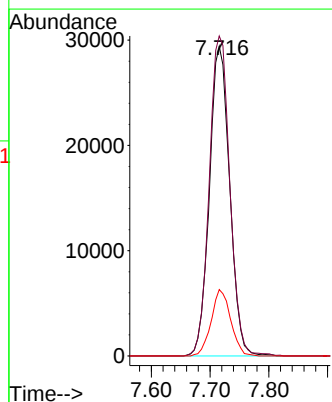
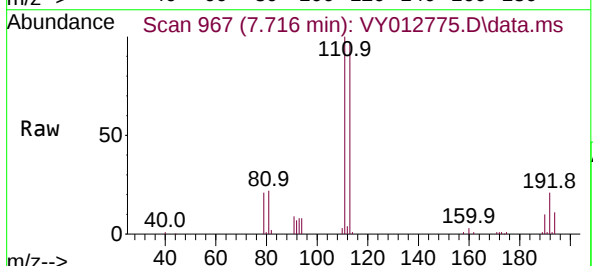
Tgt Ion:113 Resp: 70587

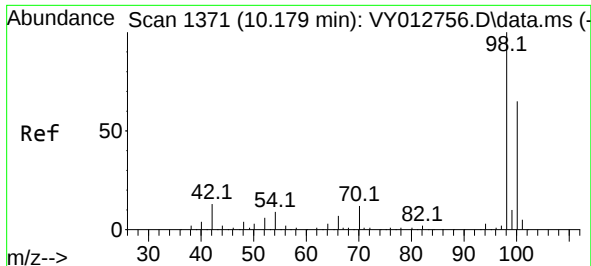
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.2

192 20.6 16.8 25.2

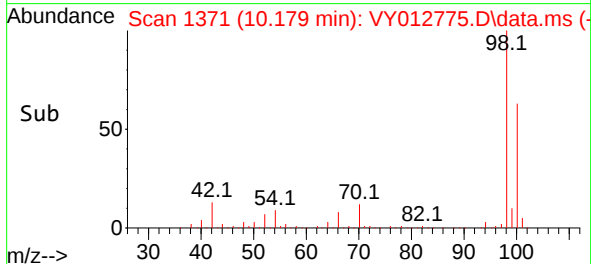
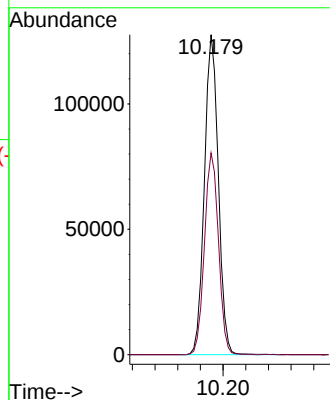
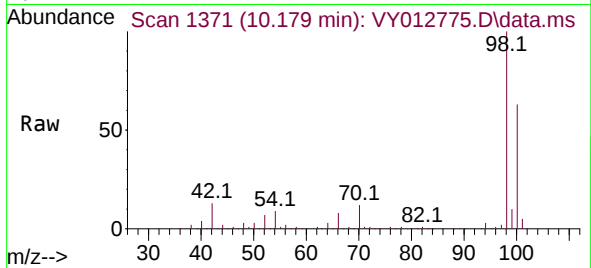




#50
Toluene-d8
Concen: 49.105 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012775.D
Acq: 02 Mar 2023 21:32

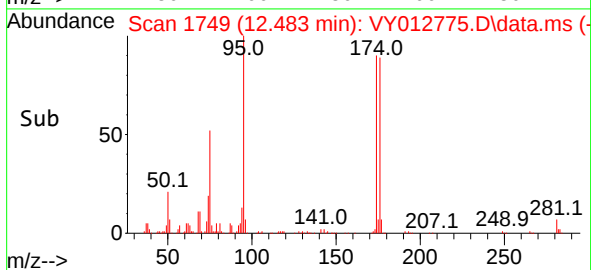
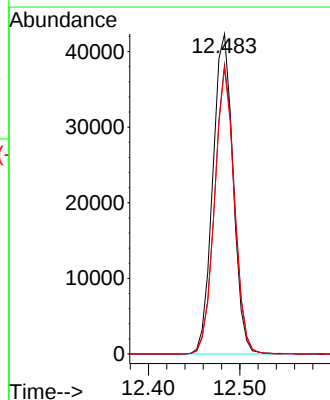
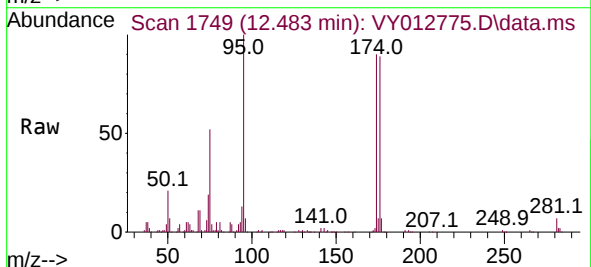
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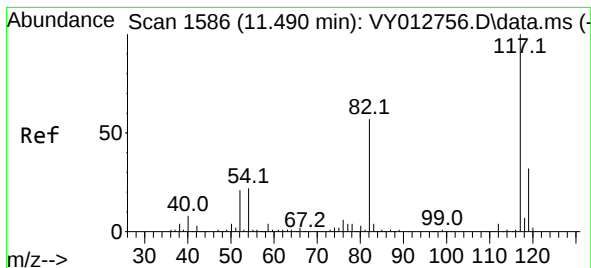
Tgt Ion: 98 Resp: 217243
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.656 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012775.D
Acq: 02 Mar 2023 21:32

Tgt Ion: 95 Resp: 65188
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.6
176 86.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012775.D

Acq: 02 Mar 2023 21:32

Instrument :

MSVOA_Y

ClientSampleId :

CE-45-030123

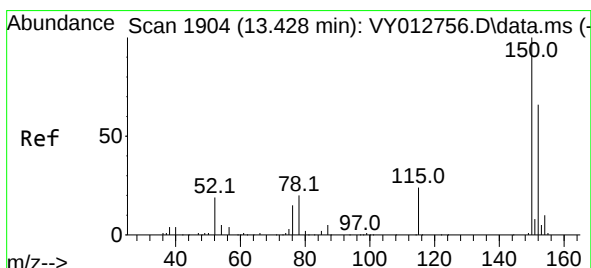
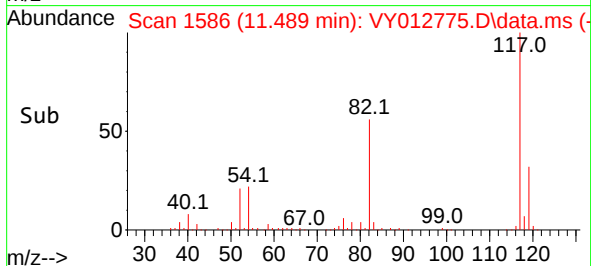
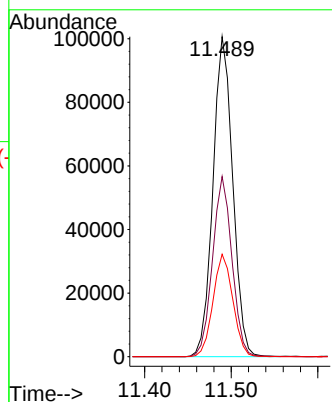
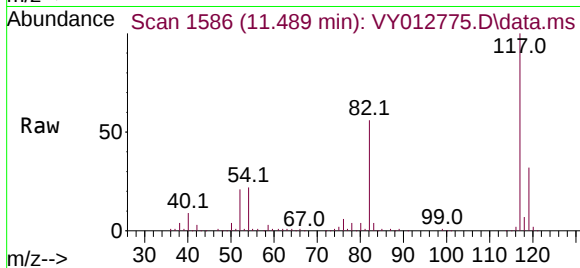
Tgt Ion:117 Resp: 159748

Ion Ratio Lower Upper

117 100

82 56.3 45.4 68.0

119 32.0 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: VY012775.D

Acq: 02 Mar 2023 21:32

Tgt Ion:152 Resp: 63712

Ion Ratio Lower Upper

152 100

115 56.2 27.1 81.3

150 157.6 0.0 347.8

