

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014802.D
 Acq On : 25 Jul 2023 15:22
 Operator : SY/MD
 Sample : 03742-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P32B

Quant Time: Jul 26 01:19:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	164875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	291023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	105528	56.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.340%
35) Dibromofluoromethane	7.716	113	91439	49.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.179	98	342808	50.191	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.483	95	128937	49.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.460%

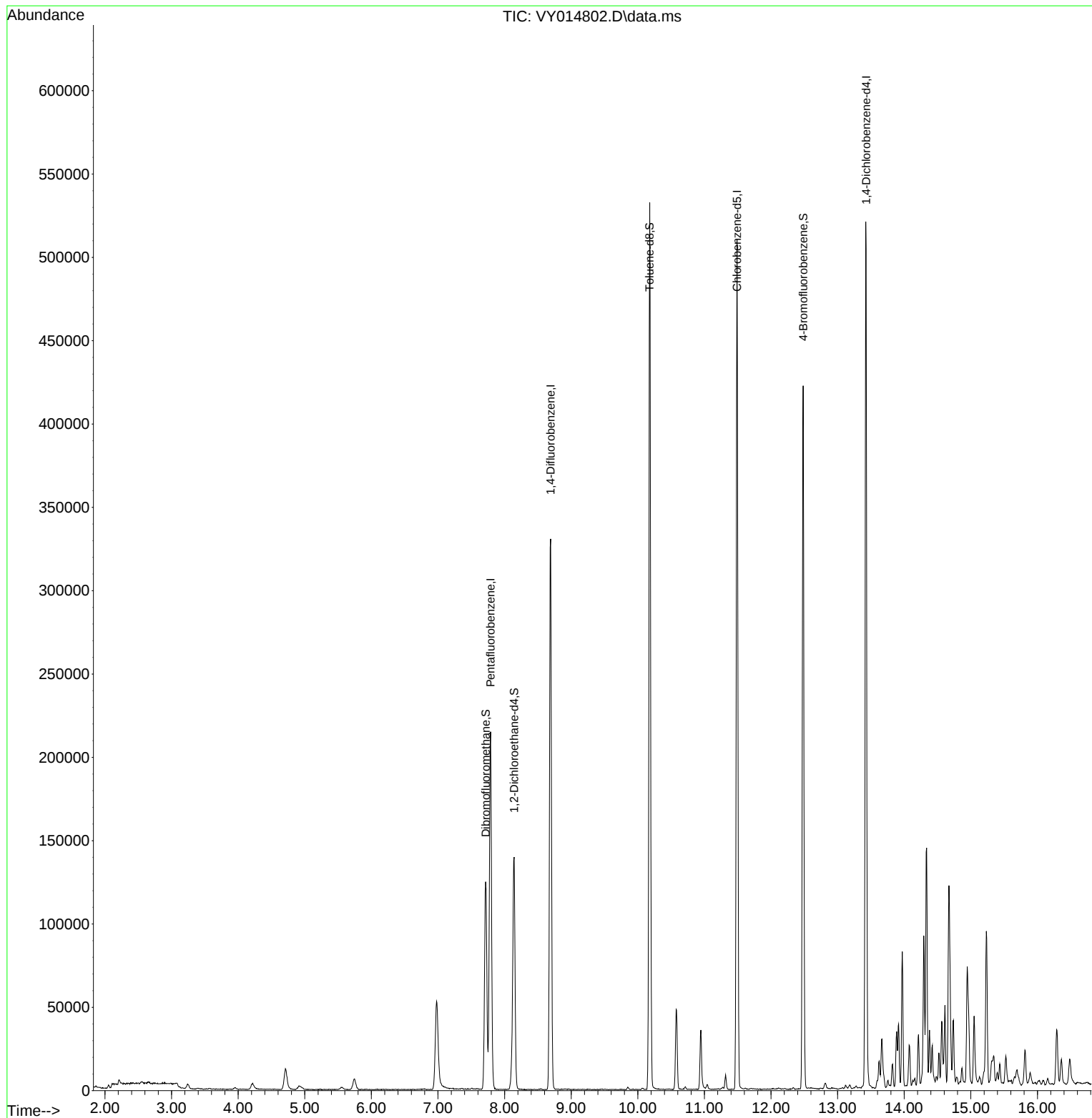
Target Compounds	Qvalue

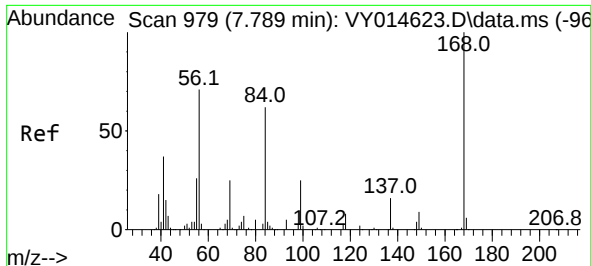
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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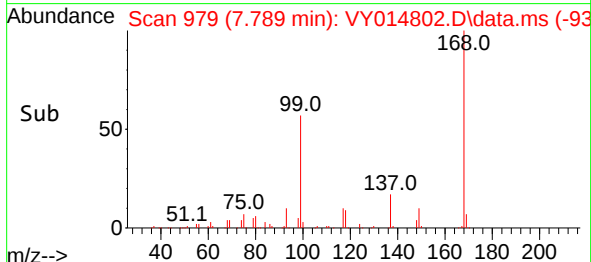
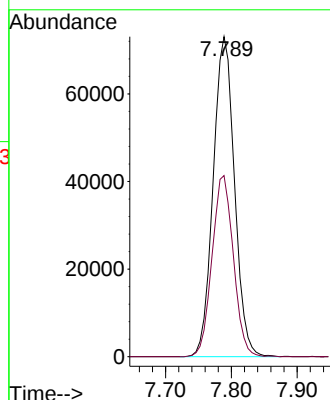
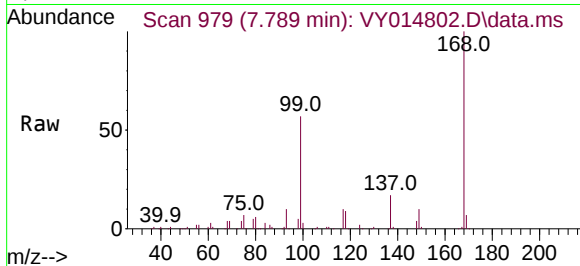




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014802.D
Acq: 25 Jul 2023 15:22

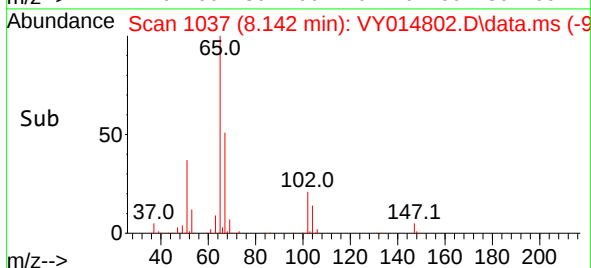
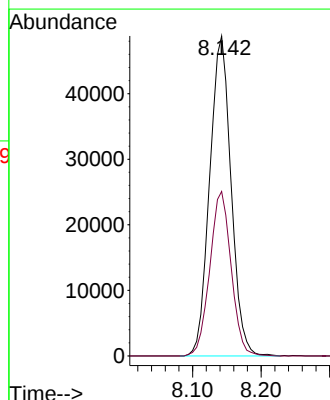
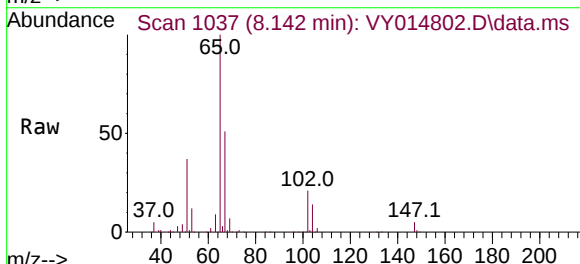
Instrument :
MSVOA_Y
ClientSampleId :
B-P32B

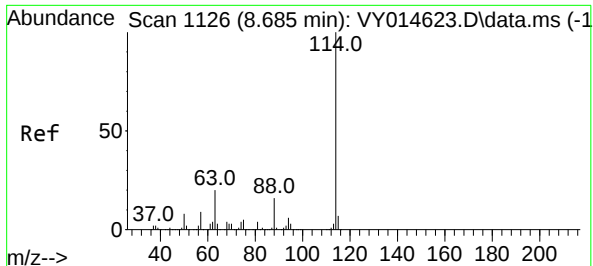
Tgt Ion:168 Resp: 164875
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.167 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014802.D
Acq: 25 Jul 2023 15:22

Tgt Ion: 65 Resp: 105528
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014802.D

Acq: 25 Jul 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

B-P32B

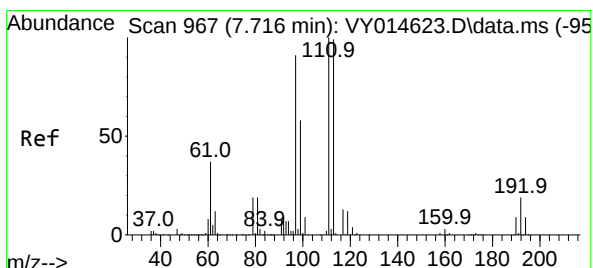
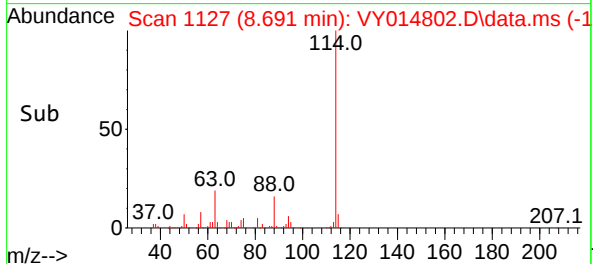
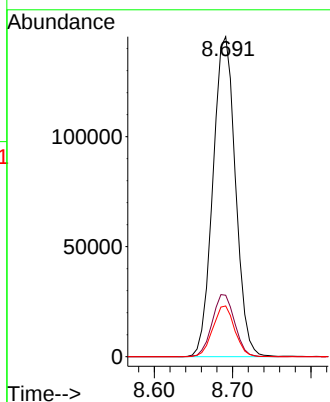
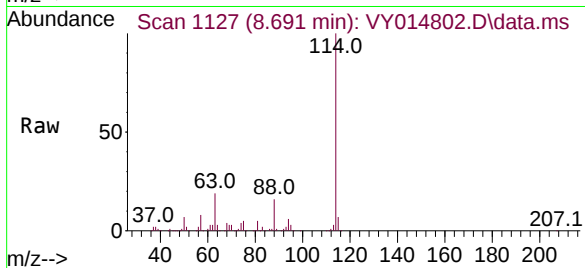
Tgt Ion:114 Resp: 291023

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.358 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014802.D

Acq: 25 Jul 2023 15:22

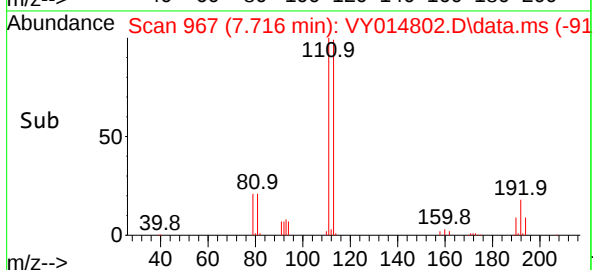
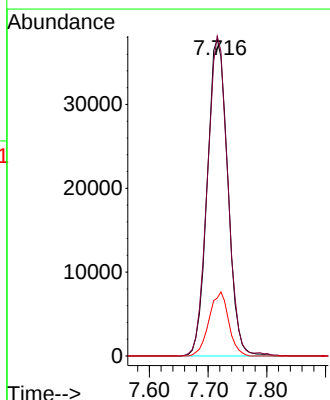
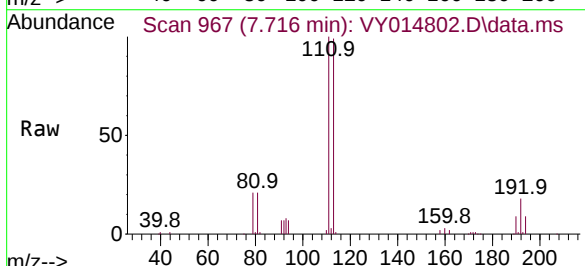
Tgt Ion:113 Resp: 91439

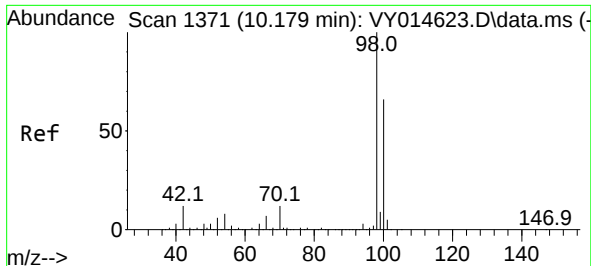
Ion Ratio Lower Upper

113 100

111 100.7 81.3 121.9

192 19.4 16.9 25.3

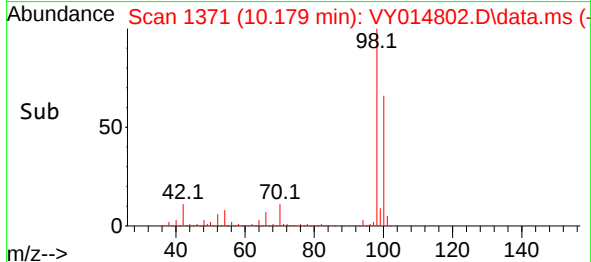
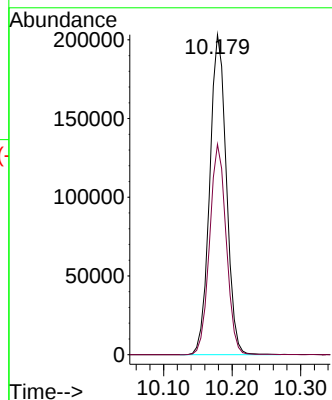
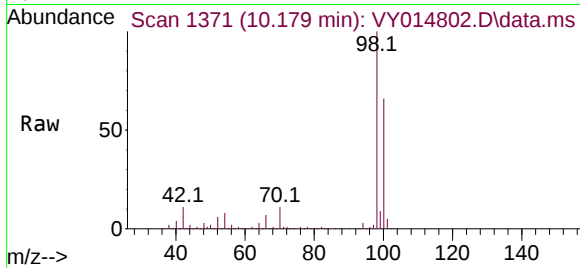




#50
Toluene-d8
Concen: 50.191 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014802.D
Acq: 25 Jul 2023 15:22

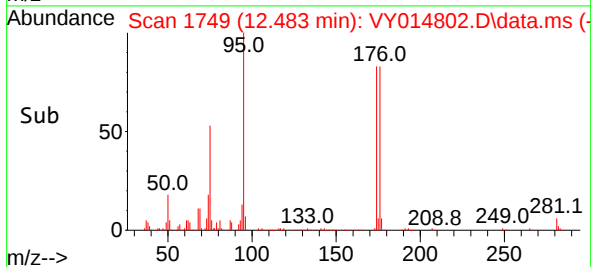
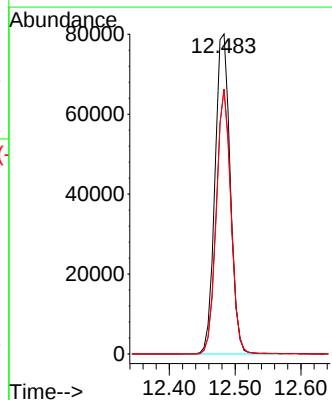
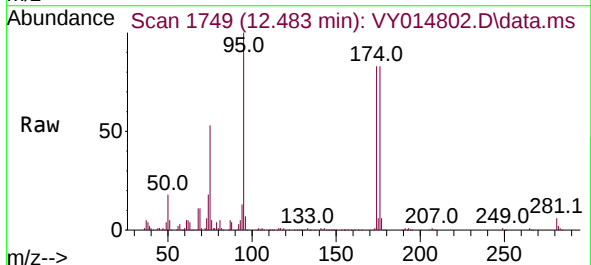
Instrument :
MSVOA_Y
ClientSampleId :
B-P32B

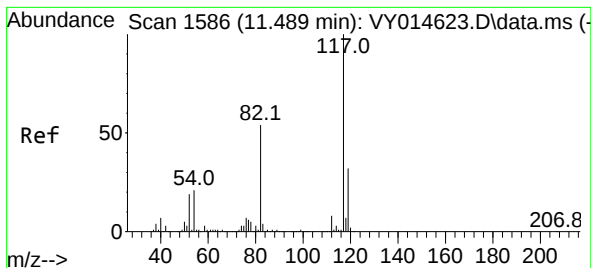
Tgt Ion: 98 Resp: 342808
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.233 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014802.D
Acq: 25 Jul 2023 15:22

Tgt Ion: 95 Resp: 128937
Ion Ratio Lower Upper
95 100
174 80.4 0.0 178.2
176 78.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014802.D

Acq: 25 Jul 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

B-P32B

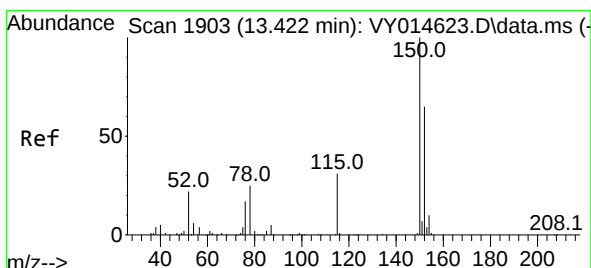
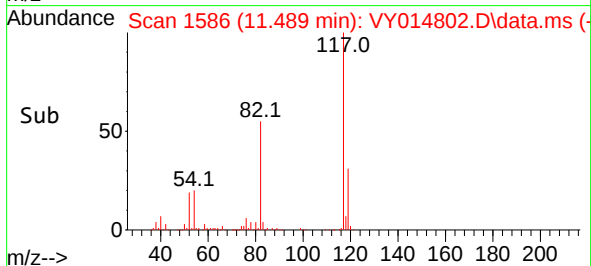
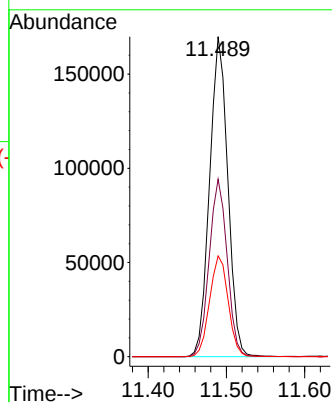
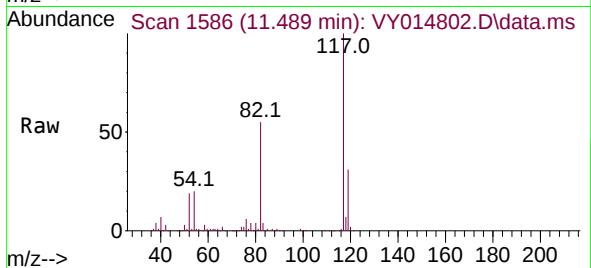
Tgt Ion:117 Resp: 273892

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 31.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014802.D

Acq: 25 Jul 2023 15:22

Tgt Ion:152 Resp: 136226

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 155.1 0.0 348.8

