

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014474.D
 Acq On : 28 Jun 2023 12:40
 Operator : KP/MD
 Sample : 03392-02RE
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RY-1RE

Quant Time: Jun 29 02:16:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	171237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	223229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80540	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119024	55.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.960%
35) Dibromofluoromethane	7.716	113	85481	52.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.680%
50) Toluene-d8	10.179	98	304918	47.416	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.483	95	80845	35.214	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.420%

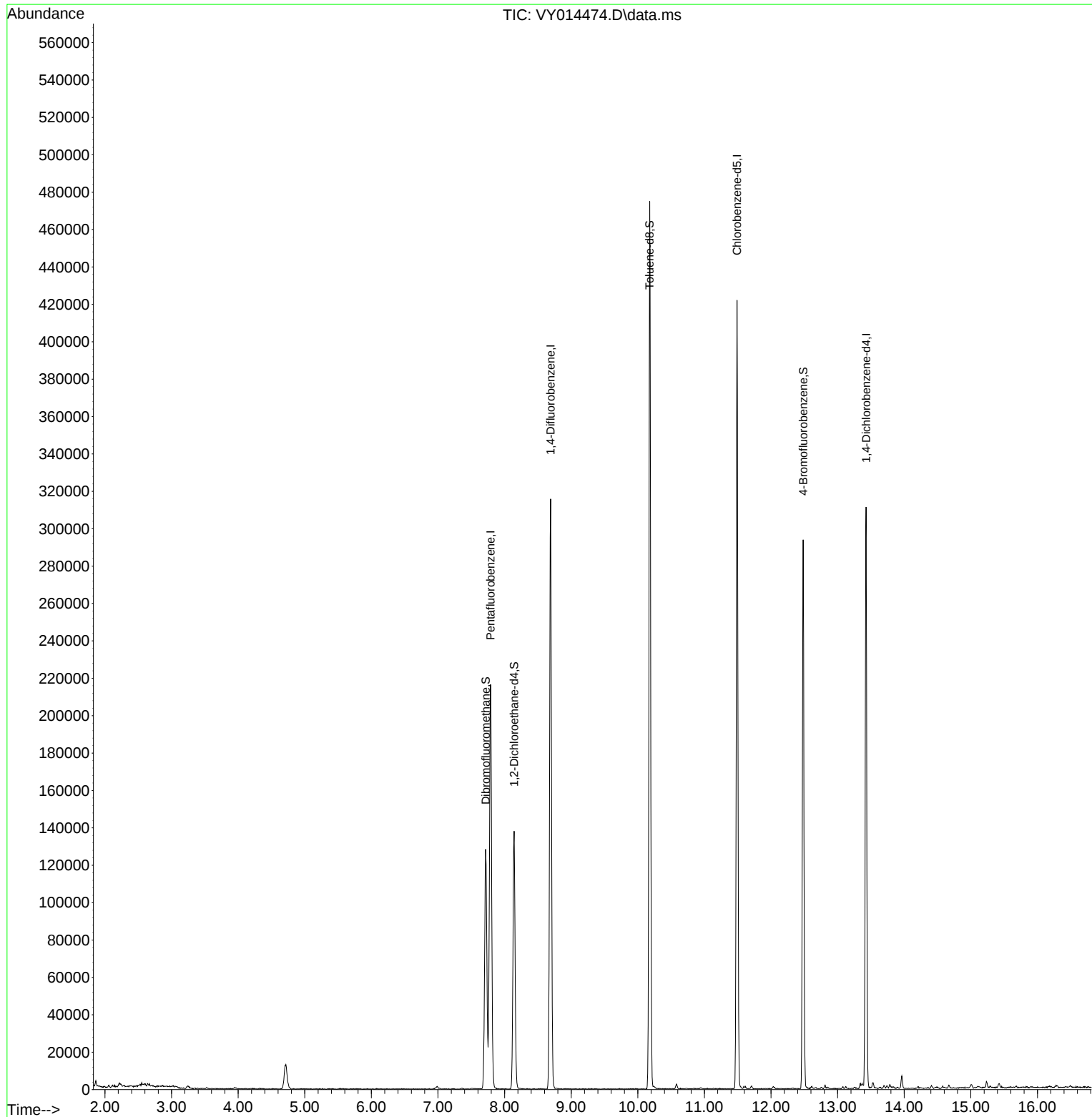
Target Compounds	Qvalue

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

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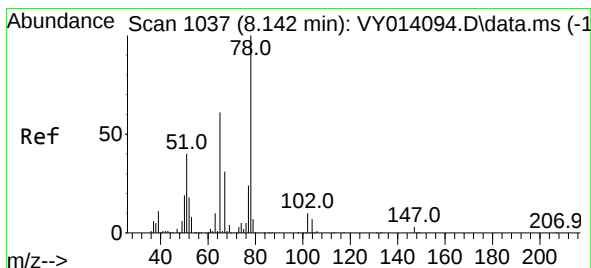
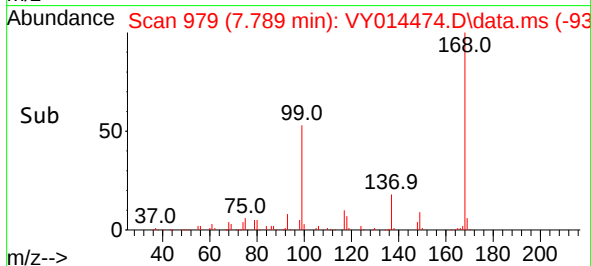
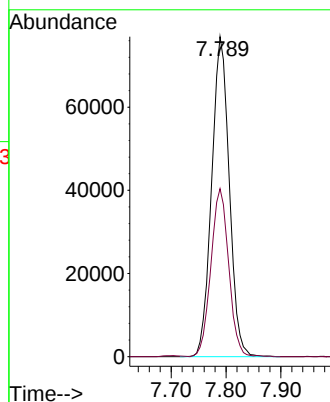
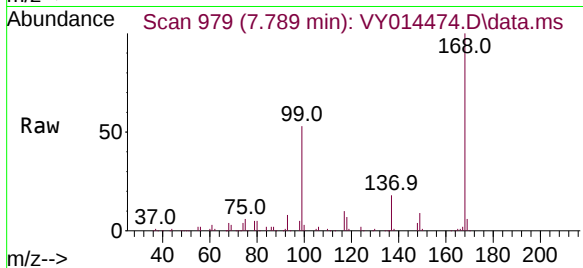




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

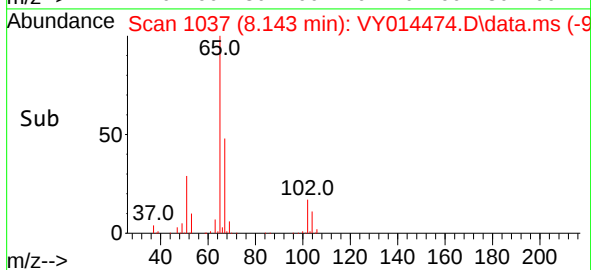
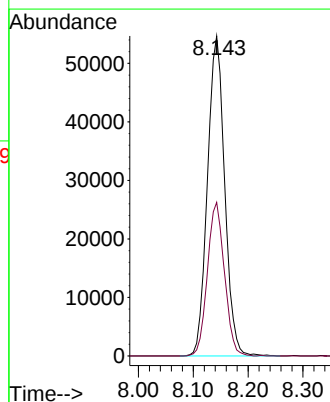
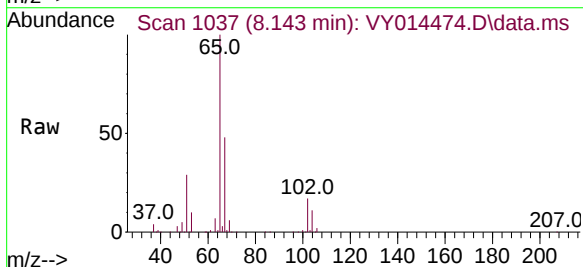
Instrument :
MSVOA_Y
ClientSampleId :
RY-1RE

Tgt Ion:168 Resp: 171237
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.983 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

Tgt Ion: 65 Resp: 119024
Ion Ratio Lower Upper
65 100
67 47.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014474.D

Acq: 28 Jun 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

RY-1RE

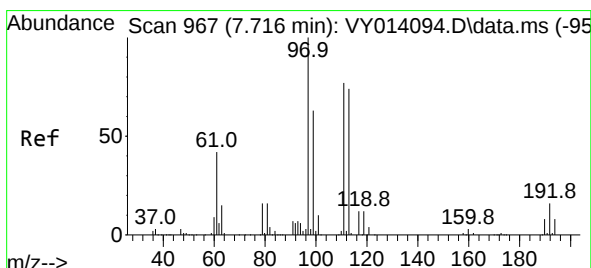
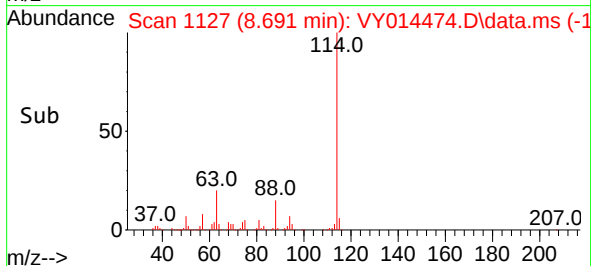
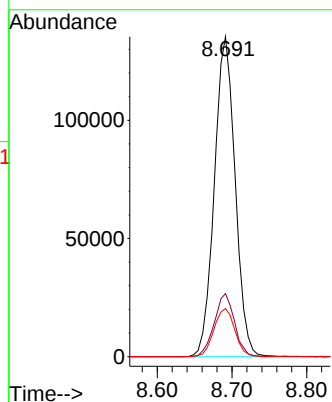
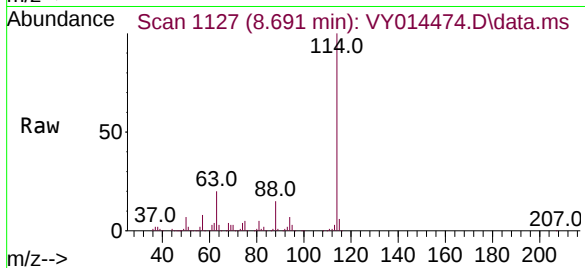
Tgt Ion:114 Resp: 261848

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.839 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014474.D

Acq: 28 Jun 2023 12:40

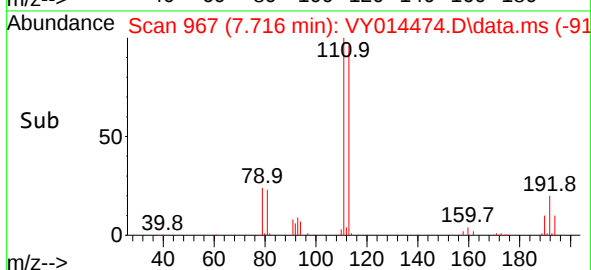
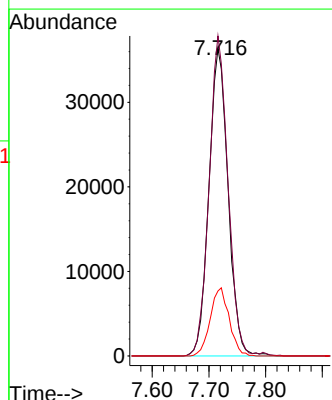
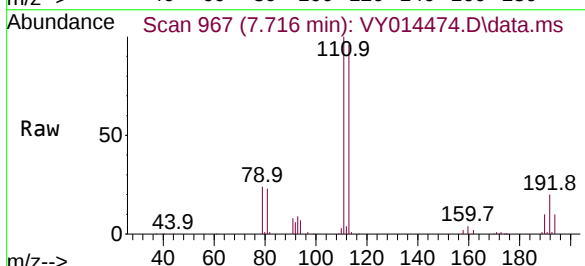
Tgt Ion:113 Resp: 85481

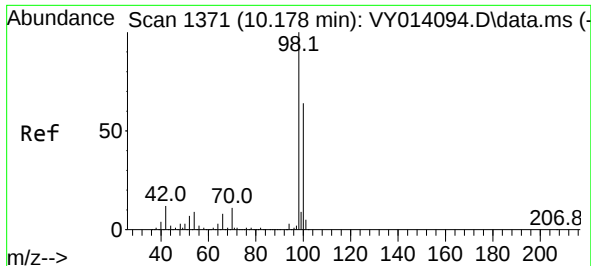
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 21.9 16.9 25.3

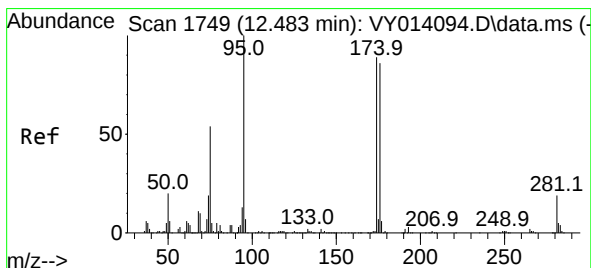
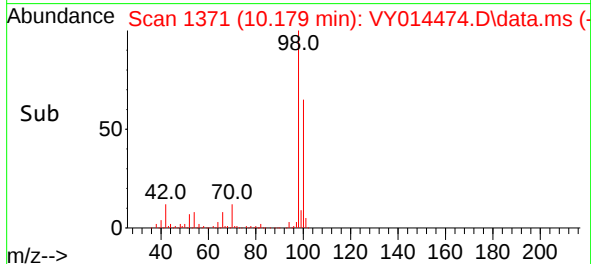
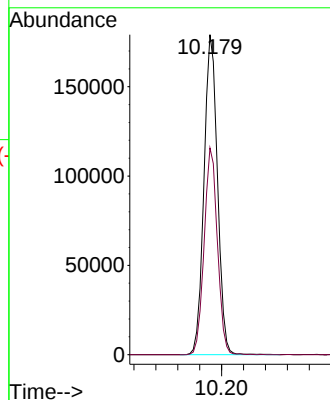
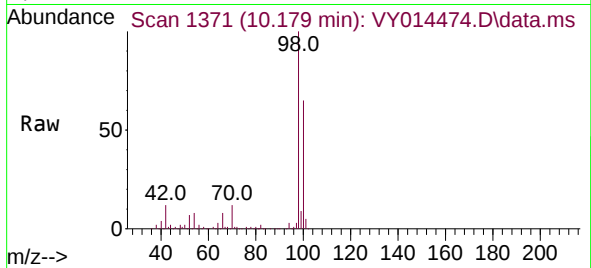




#50
Toluene-d8
Concen: 47.416 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

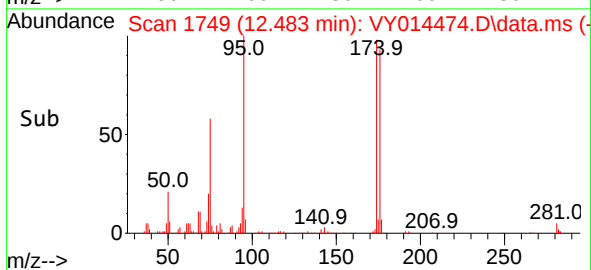
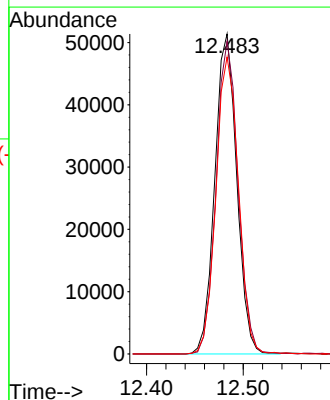
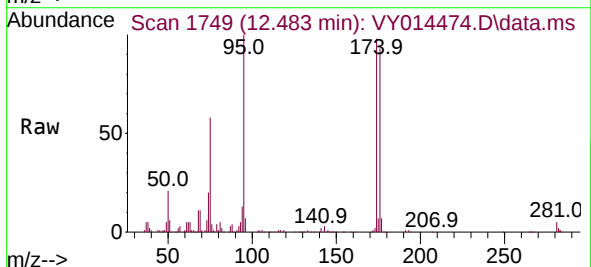
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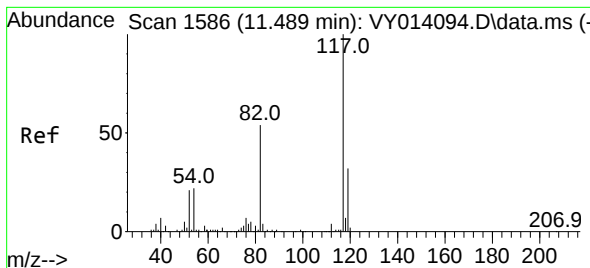
Tgt Ion: 98 Resp: 304918
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 35.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

Tgt Ion: 95 Resp: 80845
Ion Ratio Lower Upper
95 100
174 97.8 0.0 178.2
176 95.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014474.D

Acq: 28 Jun 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

RY-1RE

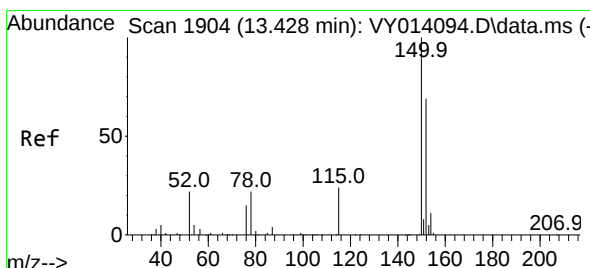
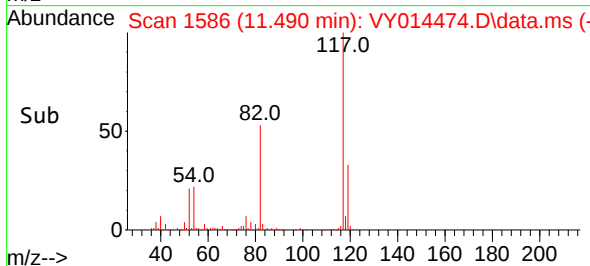
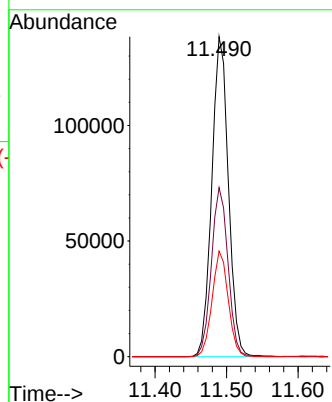
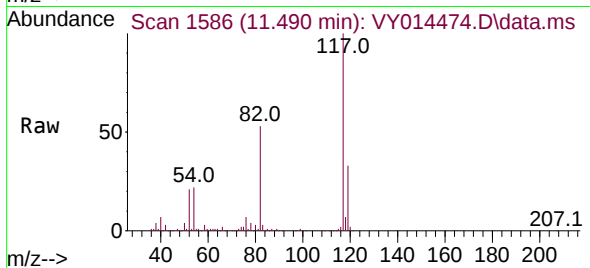
Tgt Ion:117 Resp: 223229

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 33.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014474.D

Acq: 28 Jun 2023 12:40

Tgt Ion:152 Resp: 80540

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 159.1 0.0 348.8

