

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014766.D
 Acq On : 24 Jul 2023 12:45
 Operator : SY/MD
 Sample : 03706-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P9B

Quant Time: Jul 24 13:01:36 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	49704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	74702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	52063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20315	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16425	28.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	58.000%
35) Dibromofluoromethane	7.715	113	19004	39.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.920%
50) Toluene-d8	10.178	98	81300	46.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.740%
62) 4-Bromofluorobenzene	12.477	95	21120	31.417	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.840%

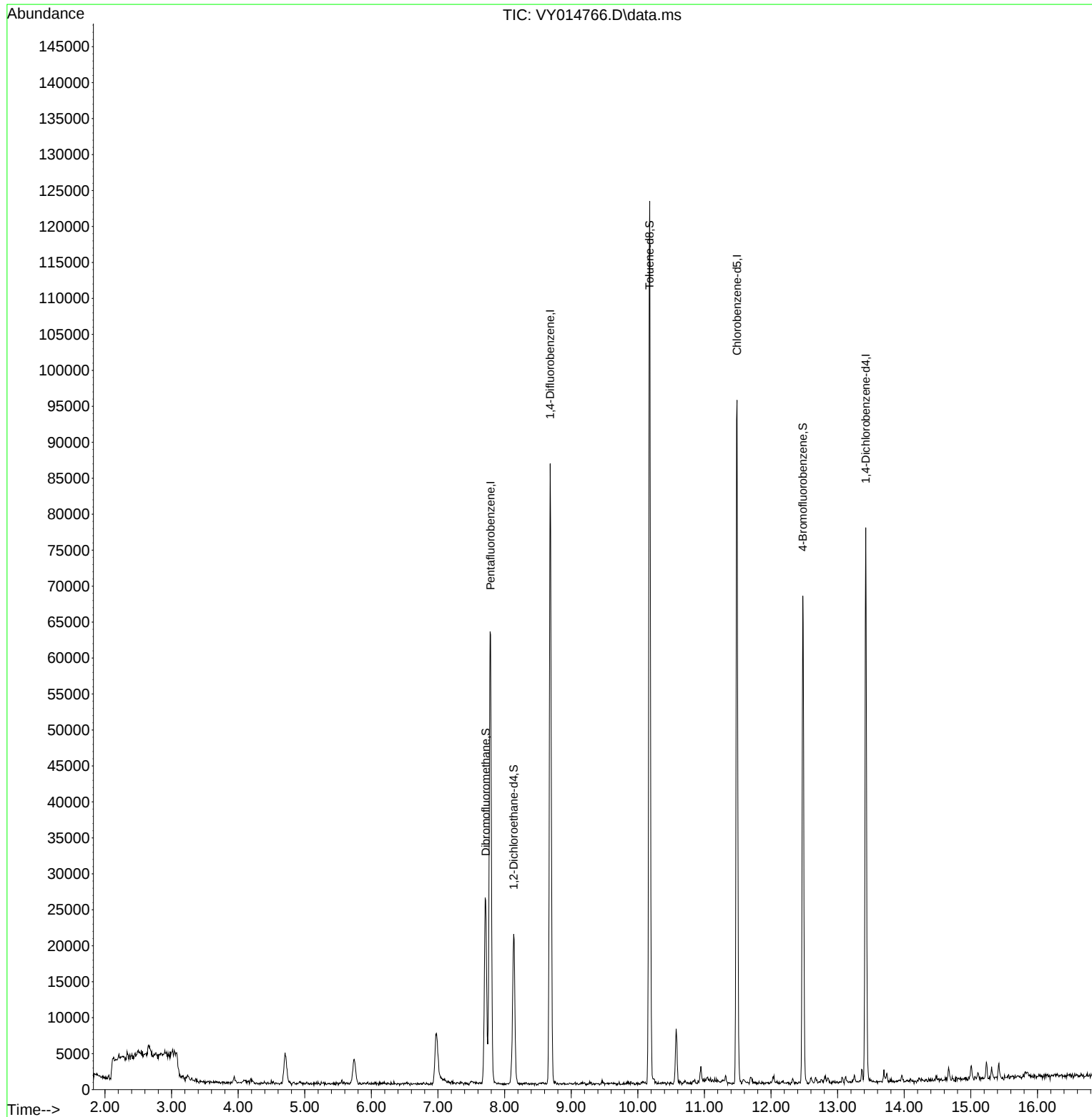
Target Compounds	Qvalue

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

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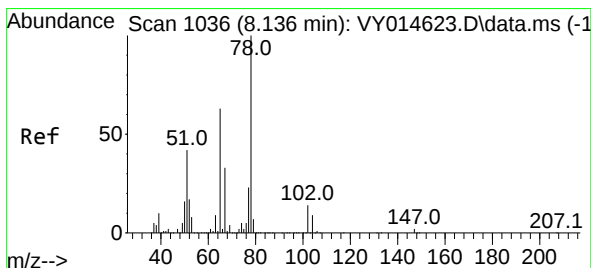
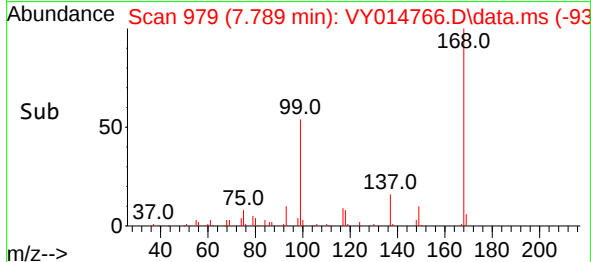
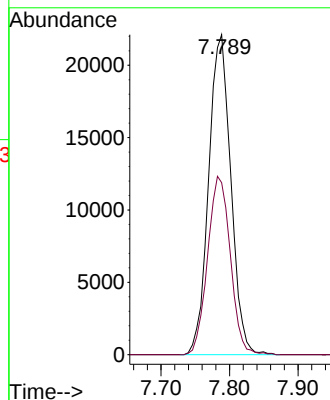
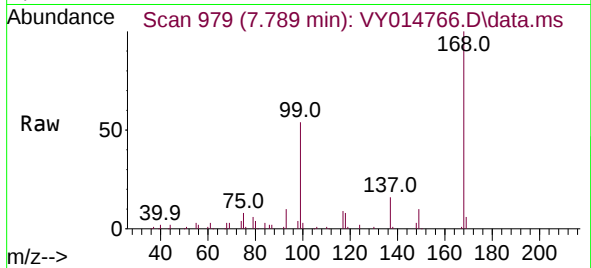




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014766.D
Acq: 24 Jul 2023 12:45

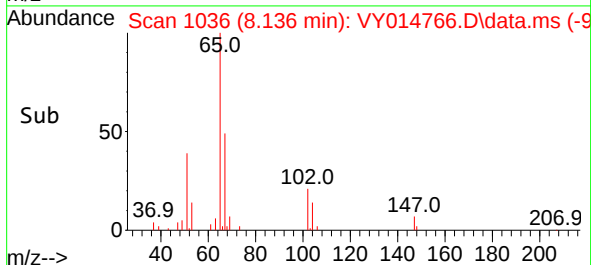
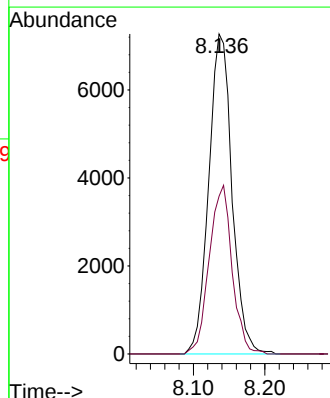
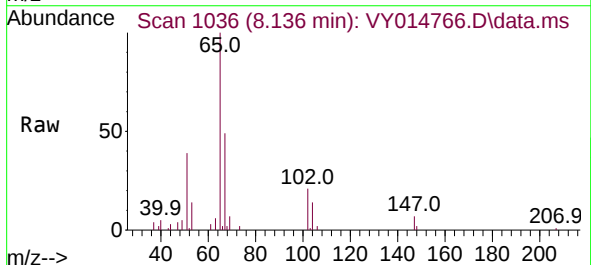
Instrument :
MSVOA_Y
ClientSampleId :
B-P9B

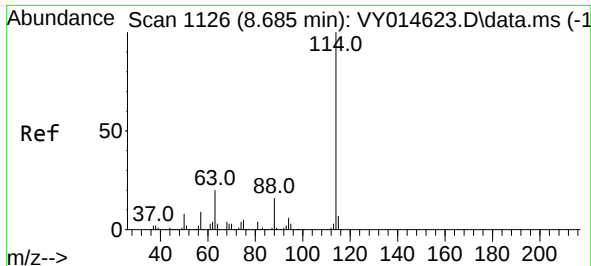
Tgt Ion:168 Resp: 49704
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 28.999 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014766.D
Acq: 24 Jul 2023 12:45

Tgt Ion: 65 Resp: 16425
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8

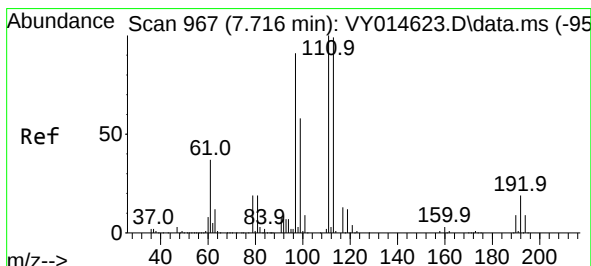
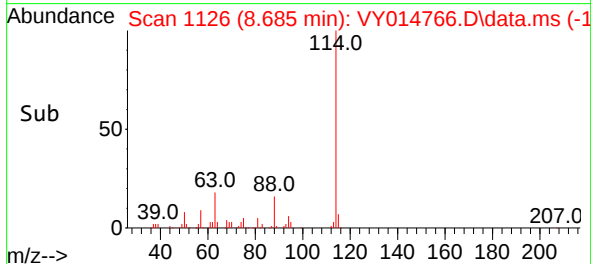
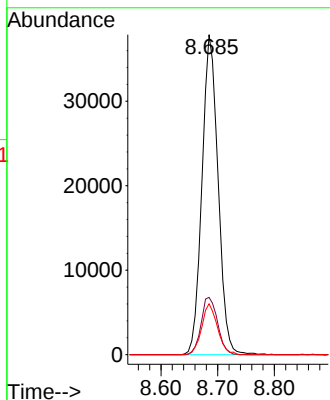
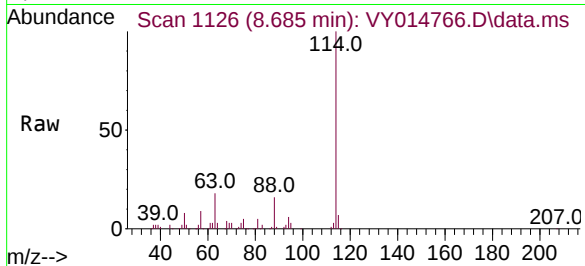




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014766.D
Acq: 24 Jul 2023 12:45

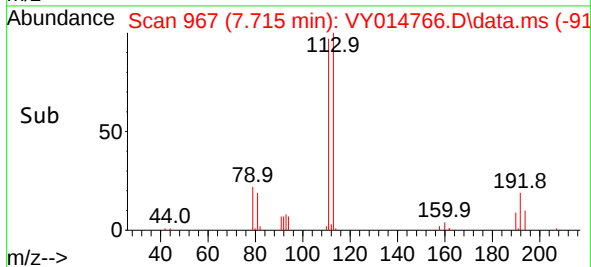
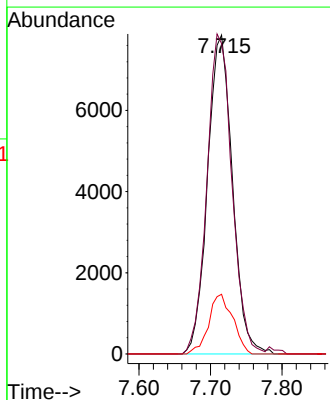
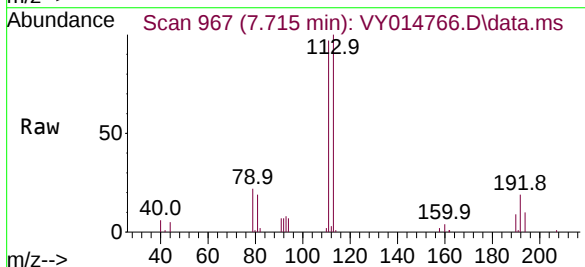
Instrument :
MSVOA_Y
ClientSampleId :
B-P9B

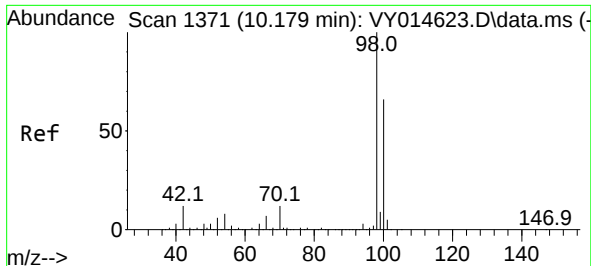
Tgt Ion:114	Resp:	74702
Ion Ratio	Lower	Upper
114	100	
63	17.9	0.0 42.4
88	15.9	0.0 30.6



#35
Dibromofluoromethane
Concen: 39.963 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY014766.D
Acq: 24 Jul 2023 12:45

Tgt Ion:113	Resp:	19004
Ion Ratio	Lower	Upper
113	100	
111	101.0	81.3 121.9
192	18.1	16.9 25.3

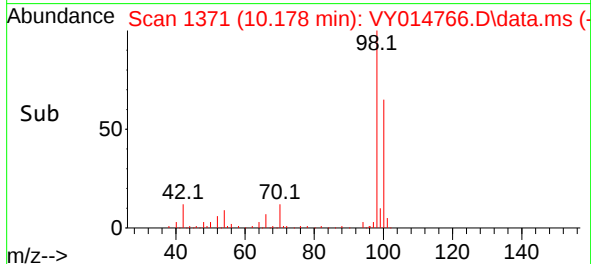
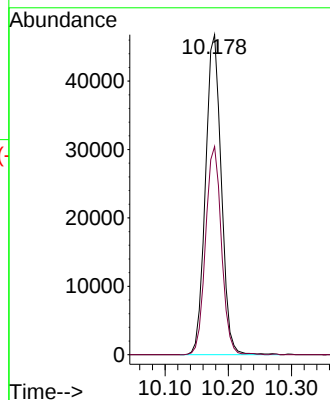
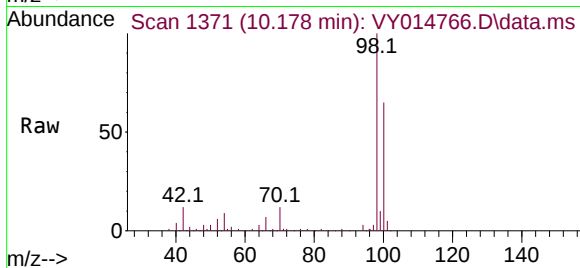




#50
Toluene-d8
Concen: 46.372 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY014766.D
Acq: 24 Jul 2023 12:45

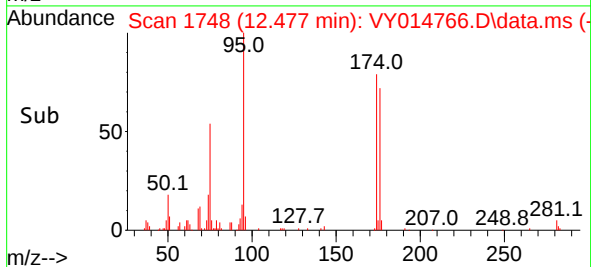
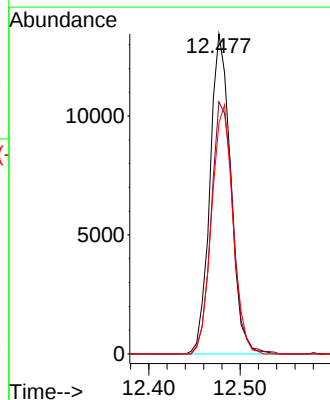
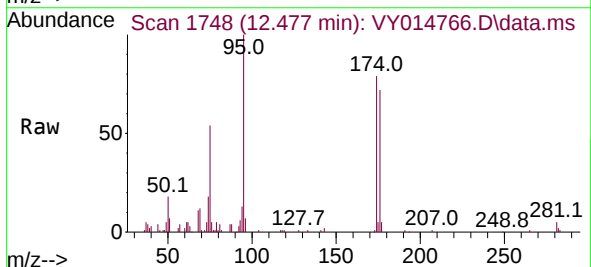
Instrument :
MSVOA_Y
ClientSampleId :
B-P9B

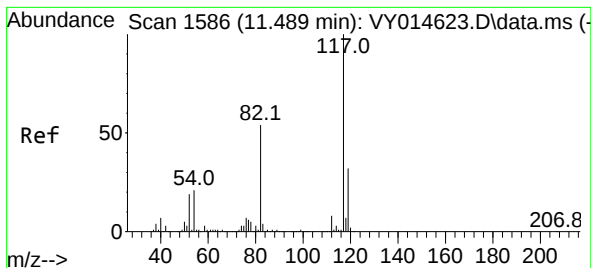
Tgt Ion: 98 Resp: 81300
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 31.417 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014766.D
Acq: 24 Jul 2023 12:45

Tgt Ion: 95 Resp: 21120
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 80.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014766.D

Acq: 24 Jul 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

B-P9B

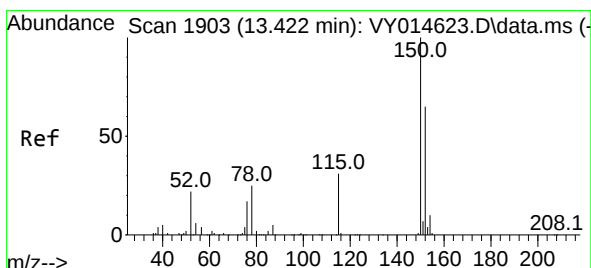
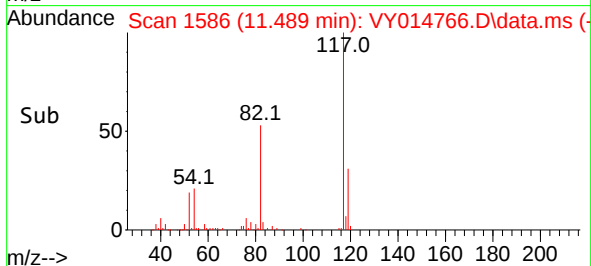
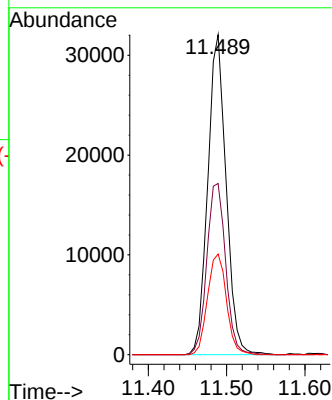
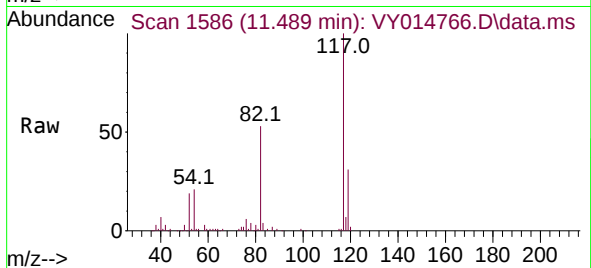
Tgt Ion:117 Resp: 52063

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 31.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014766.D

Acq: 24 Jul 2023 12:45

Tgt Ion:152 Resp: 20315

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 153.1 0.0 348.8

