

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014821.D
 Acq On : 25 Jul 2023 23:38
 Operator : SY/MD
 Sample : 03741-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P12A

Quant Time: Jul 26 03:33:42 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	7.795	168	169561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299734	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	283262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132770	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105042	54.364	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.720%
35) Dibromofluoromethane	7.722	113	94506	49.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.185	98	359499	51.105	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.483	95	129231	47.911	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.820%

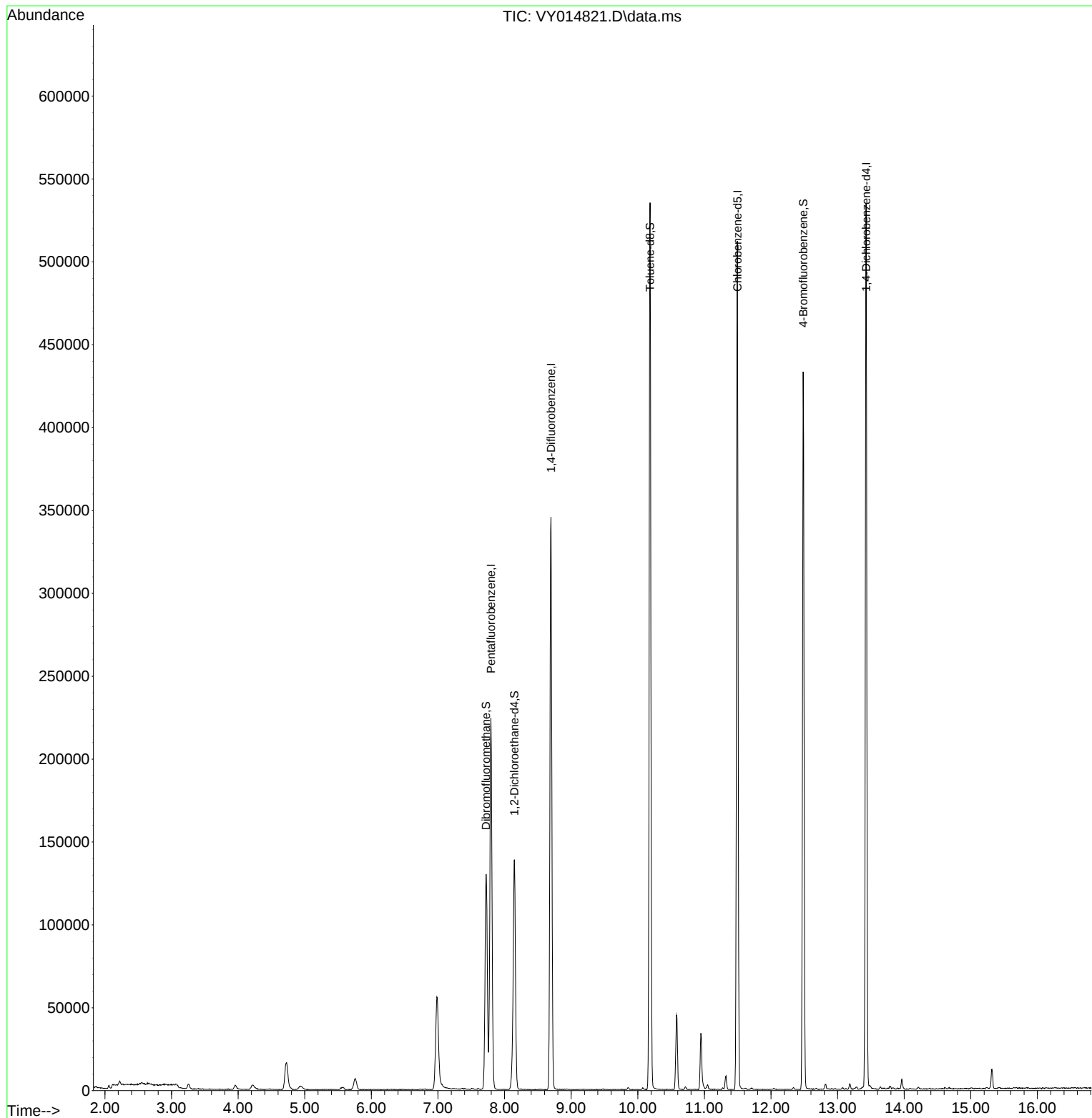
Target Compounds	Qvalue

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

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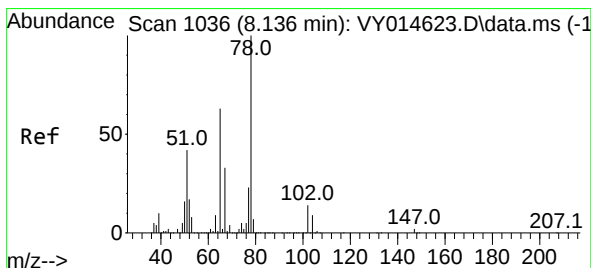
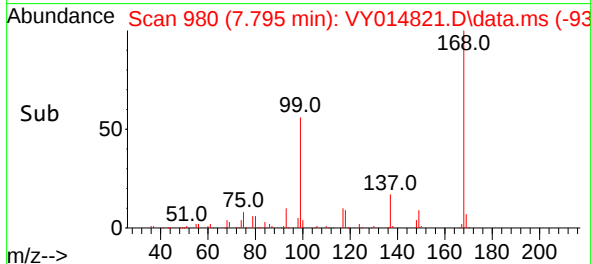
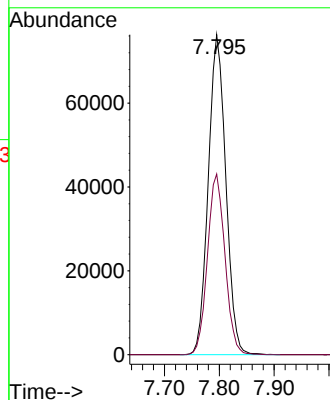
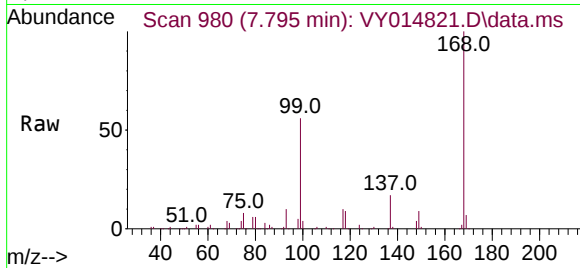




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014821.D
Acq: 25 Jul 2023 23:38

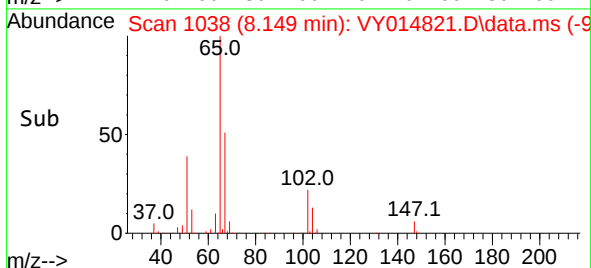
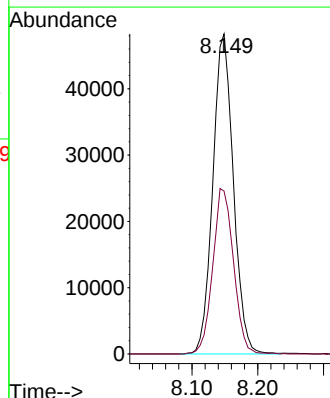
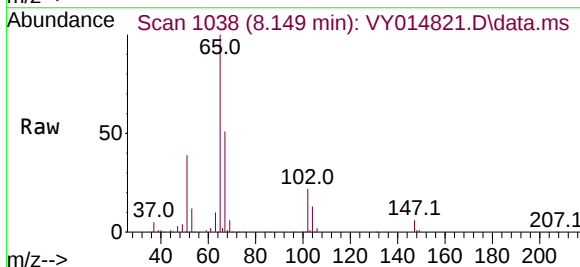
Instrument :
MSVOA_Y
ClientSampleId :
B-P12A

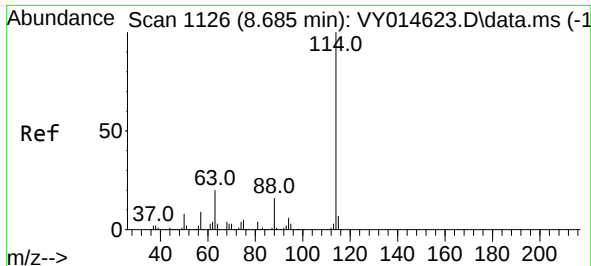
Tgt Ion:168 Resp: 169561
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.364 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY014821.D
Acq: 25 Jul 2023 23:38

Tgt Ion: 65 Resp: 105042
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

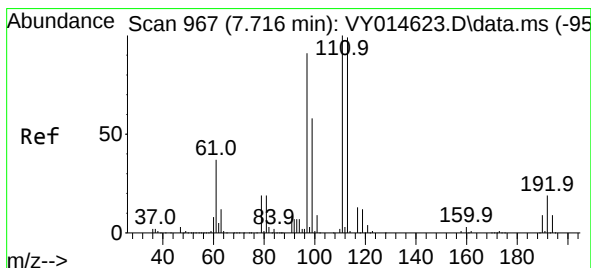
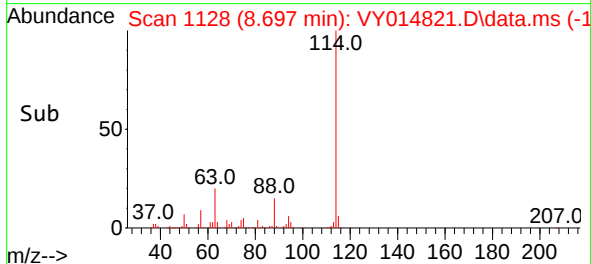
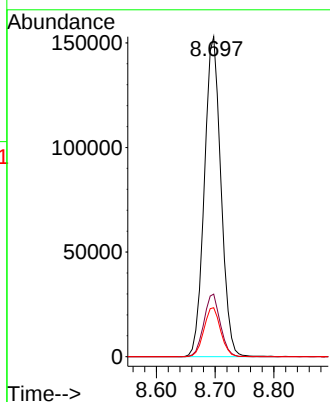
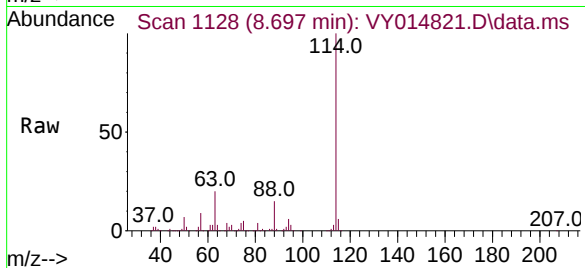




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY014821.D
Acq: 25 Jul 2023 23:38

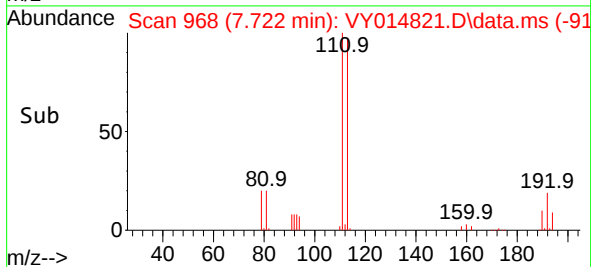
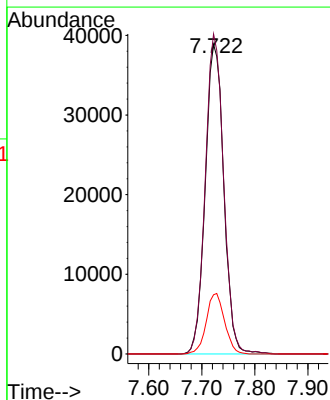
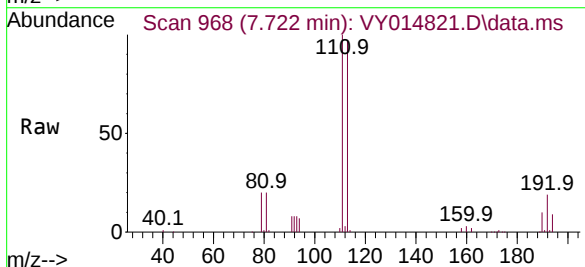
Instrument :
MSVOA_Y
ClientSampleId :
B-P12A

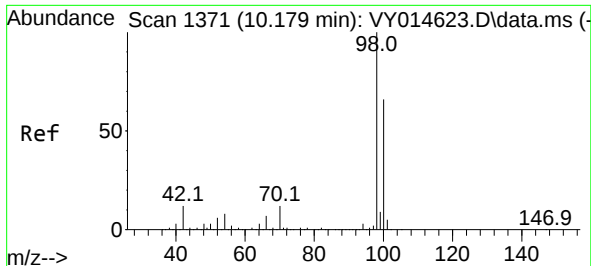
Tgt Ion:114 Resp: 299734
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.531 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014821.D
Acq: 25 Jul 2023 23:38

Tgt Ion:113 Resp: 94506
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.3 16.9 25.3

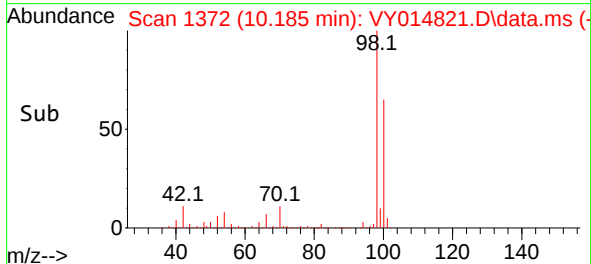
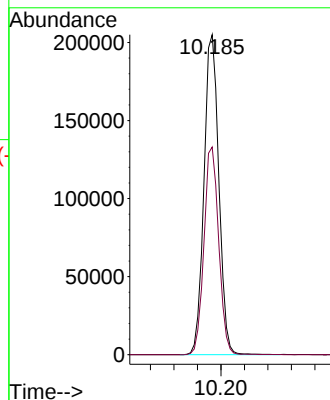
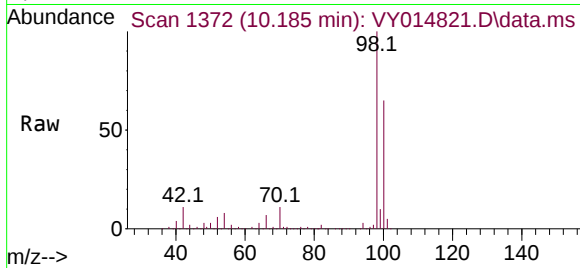




#50
Toluene-d8
Concen: 51.105 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014821.D
Acq: 25 Jul 2023 23:38

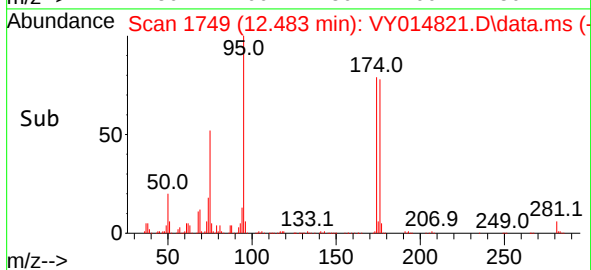
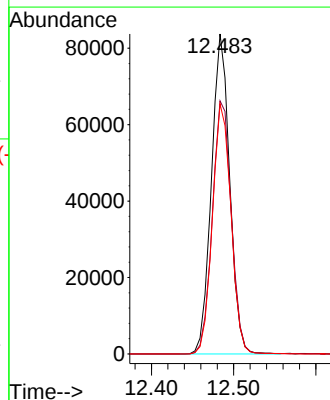
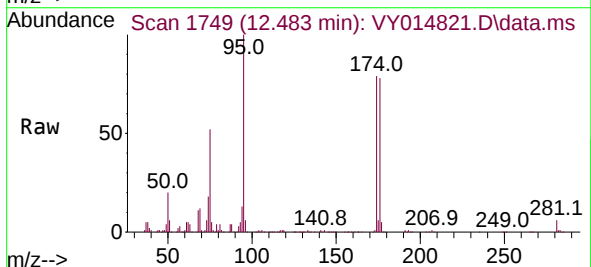
Instrument :
MSVOA_Y
ClientSampleId :
B-P12A

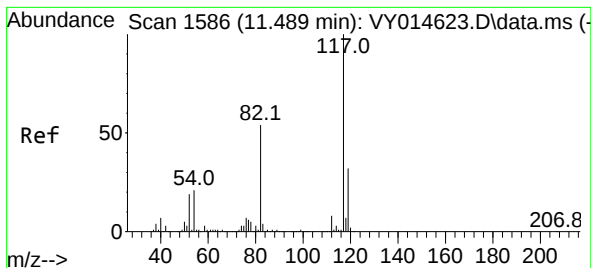
Tgt Ion: 98 Resp: 359499
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.911 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014821.D
Acq: 25 Jul 2023 23:38

Tgt Ion: 95 Resp: 129231
Ion Ratio Lower Upper
95 100
174 82.1 0.0 178.2
176 79.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014821.D

Acq: 25 Jul 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

B-P12A

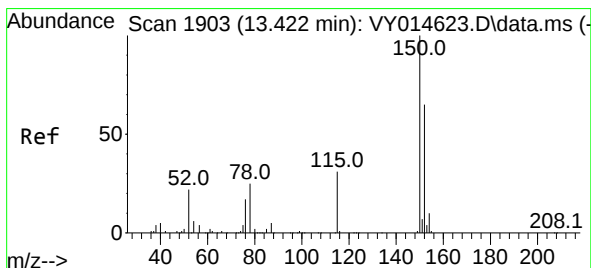
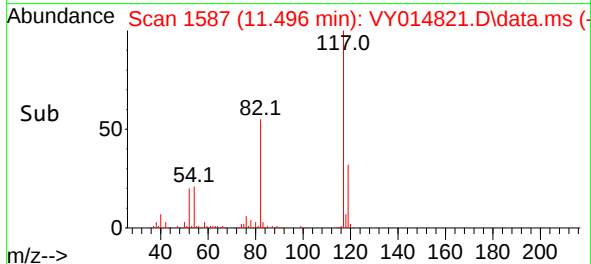
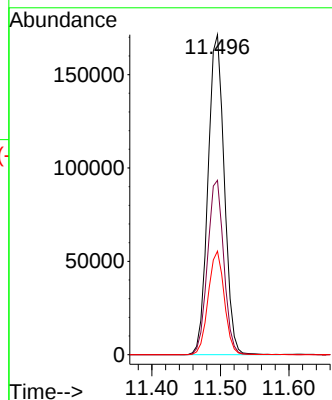
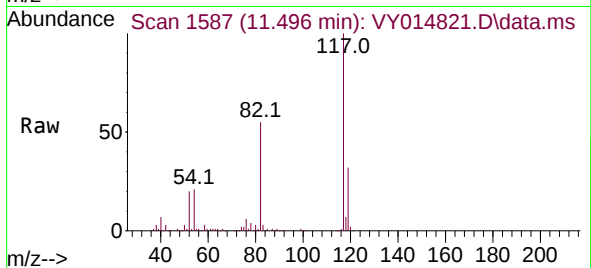
Tgt Ion:117 Resp: 283262

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.4 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: VY014821.D

Acq: 25 Jul 2023 23:38

Tgt Ion:152 Resp: 132770

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 157.5 0.0 348.8

