

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015497.D
 Acq On : 11 Sep 2023 19:14
 Operator : SY/MD
 Sample : 04374-07
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-3-(38-40)

Quant Time: Sep 12 01:21:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	275765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	448688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	399655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	164615	55.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.380%
35) Dibromofluoromethane	7.710	113	138482	53.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.160%
50) Toluene-d8	10.173	98	521976	55.773	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.540%
62) 4-Bromofluorobenzene	12.477	95	174096	50.109	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.220%

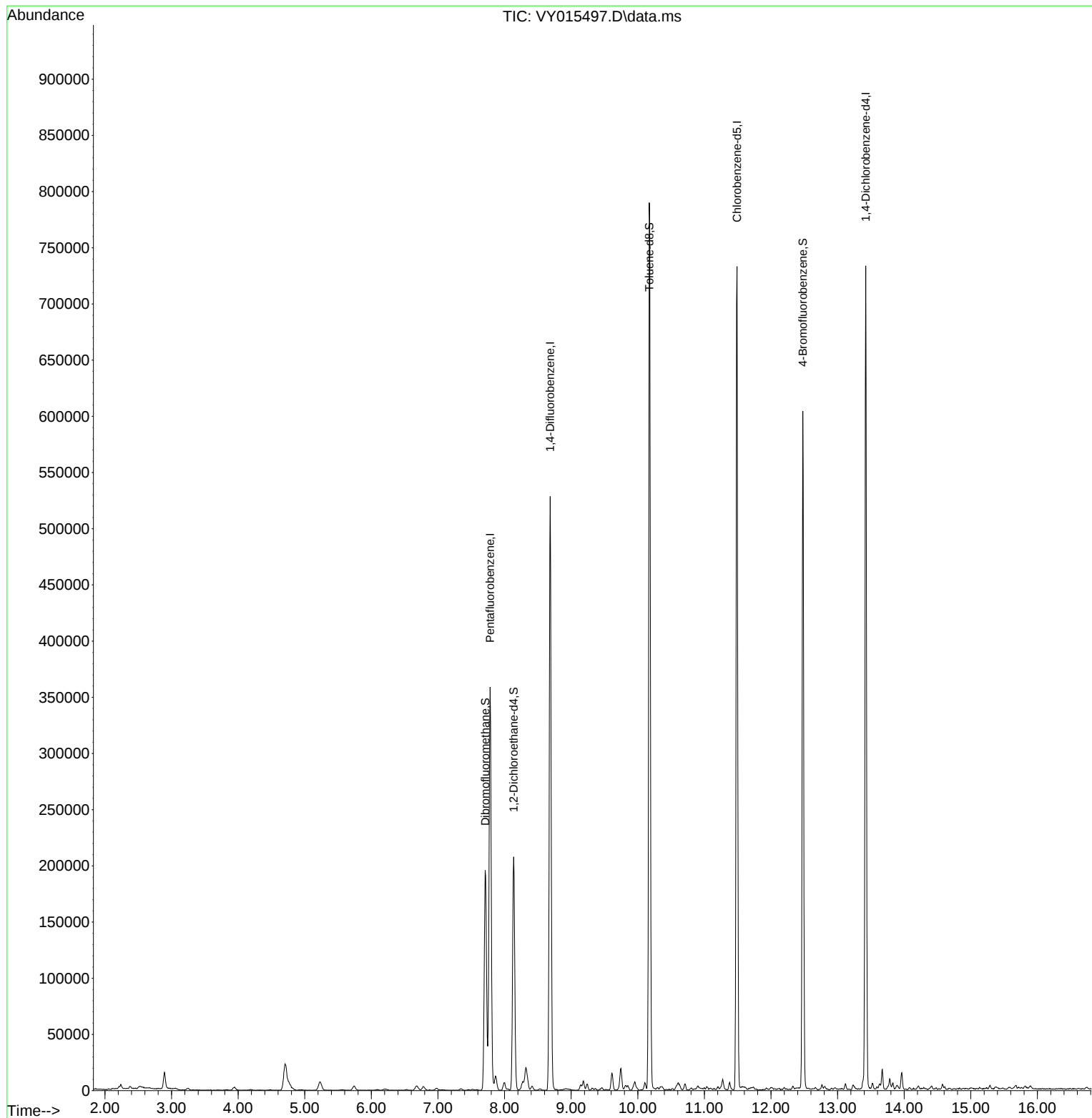
Target Compounds	Qvalue

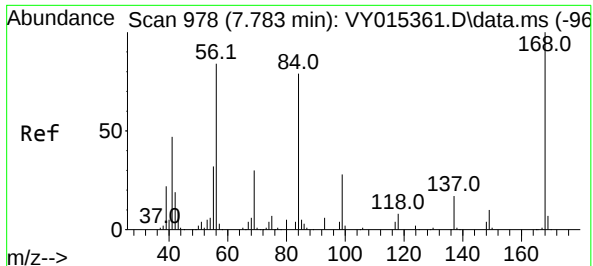
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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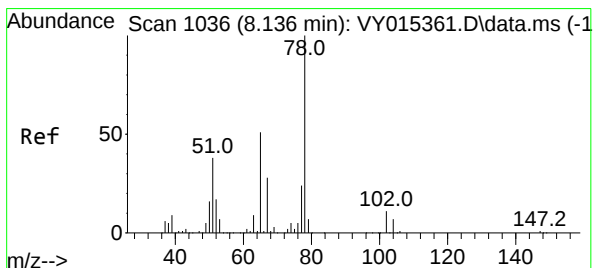
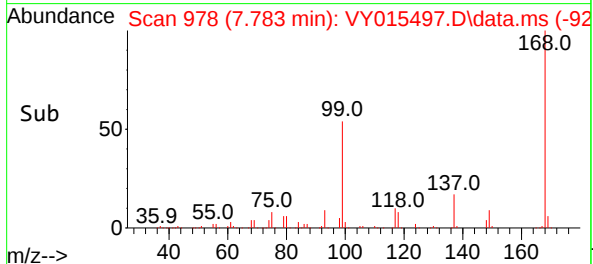
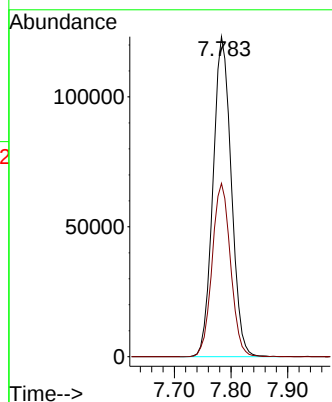
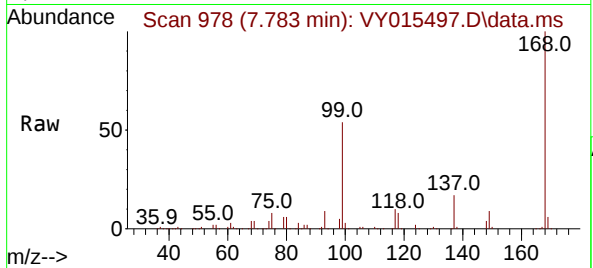




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015497.D
Acq: 11 Sep 2023 19:14

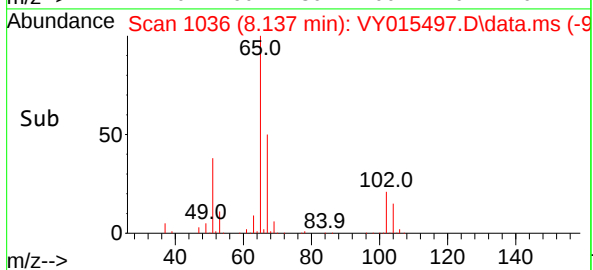
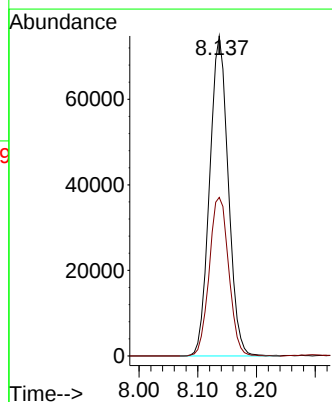
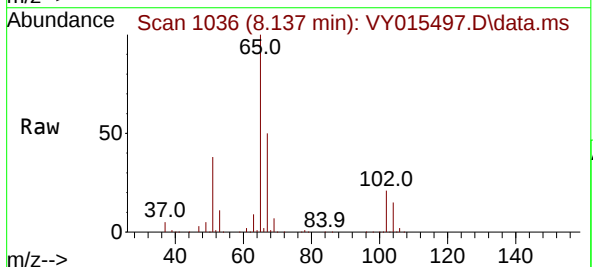
Instrument :
MSVOA_Y
ClientSampleId :
DB-3-(38-40)

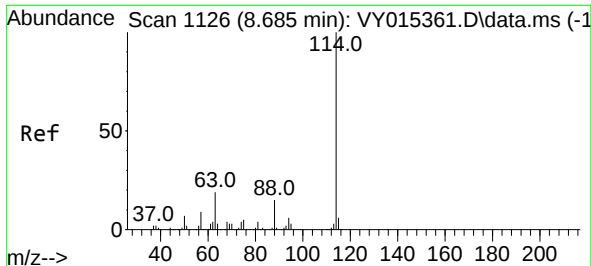
Tgt Ion:168 Resp: 275765
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.685 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015497.D
Acq: 11 Sep 2023 19:14

Tgt Ion: 65 Resp: 164615
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8

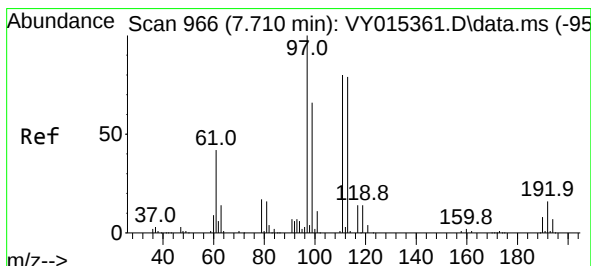
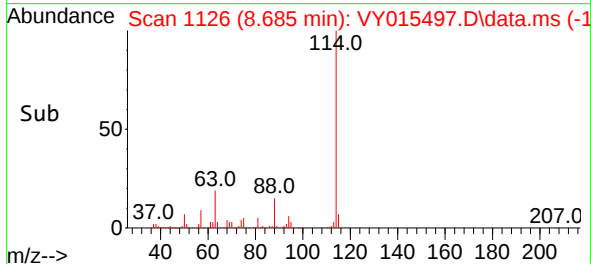
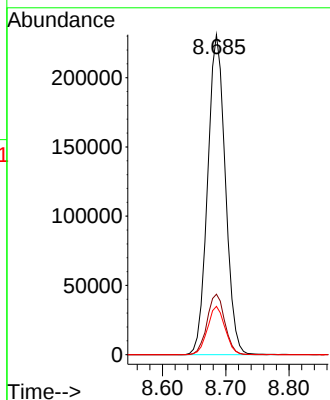
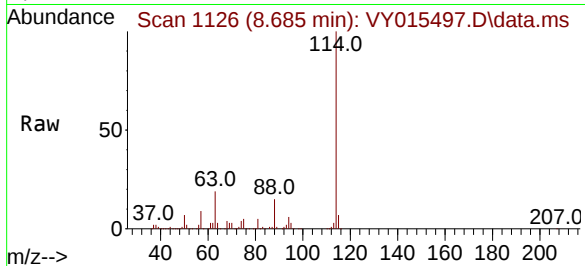




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015497.D
Acq: 11 Sep 2023 19:14

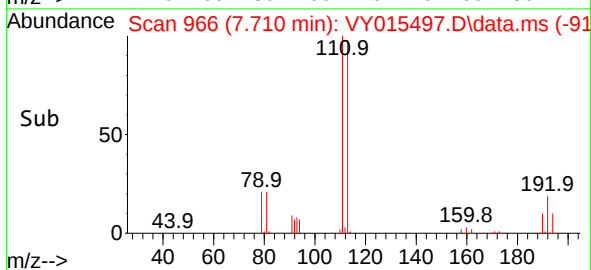
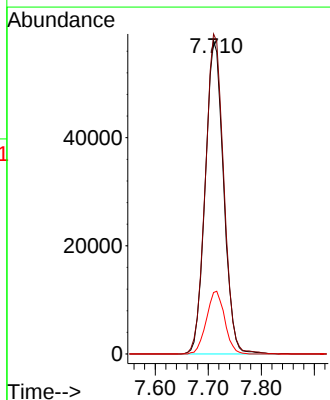
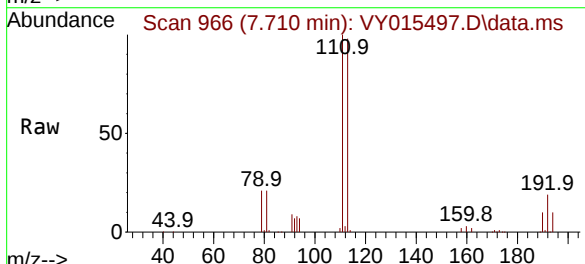
Instrument :
MSVOA_Y
ClientSampleId :
DB-3-(38-40)

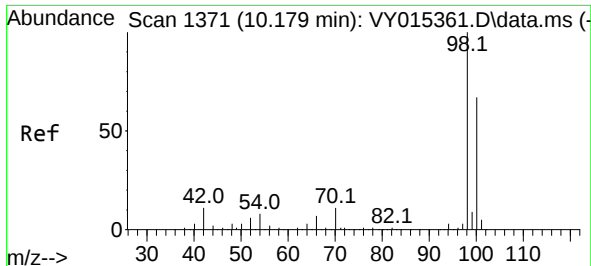
Tgt Ion:114 Resp: 448688
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.585 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015497.D
Acq: 11 Sep 2023 19:14

Tgt Ion:113 Resp: 138482
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.0 16.9 25.3

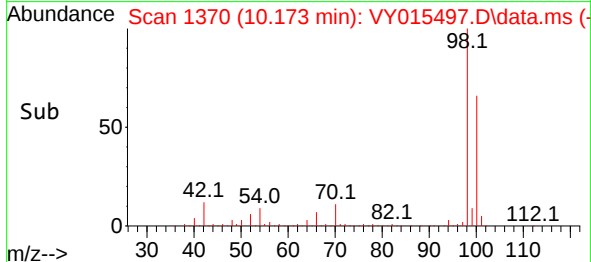
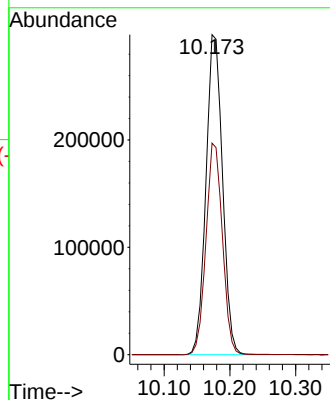
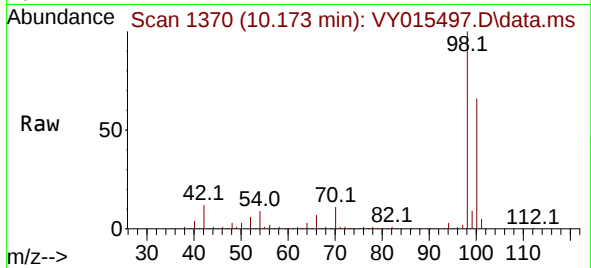




#50
Toluene-d8
Concen: 55.773 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015497.D
Acq: 11 Sep 2023 19:14

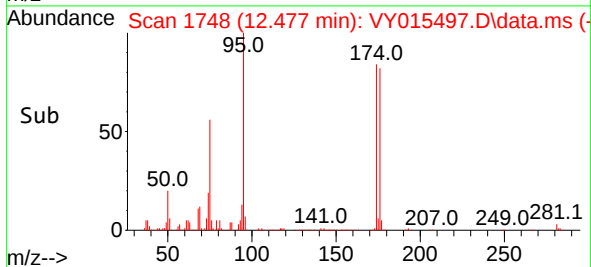
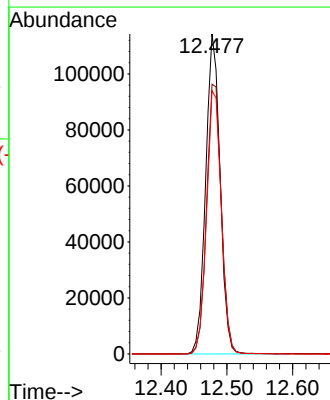
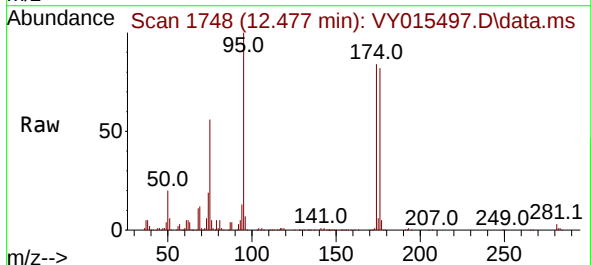
Instrument :
MSVOA_Y
ClientSampleId :
DB-3-(38-40)

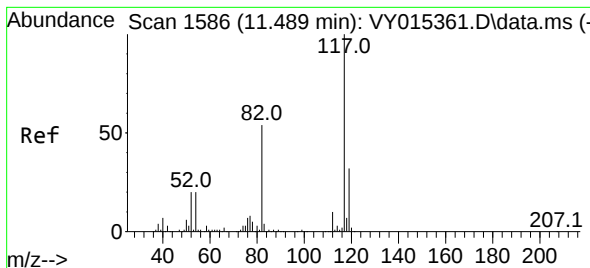
Tgt Ion: 98 Resp: 521976
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.109 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015497.D
Acq: 11 Sep 2023 19:14

Tgt Ion: 95 Resp: 174096
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 83.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015497.D

Acq: 11 Sep 2023 19:14

Instrument :

MSVOA_Y

ClientSampleId :

DB-3-(38-40)

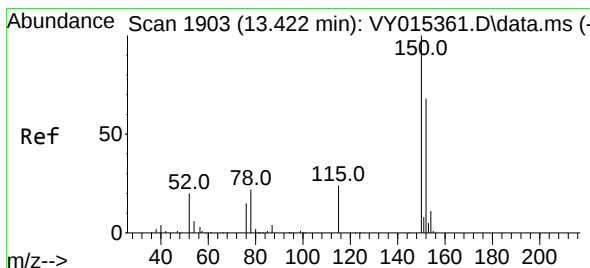
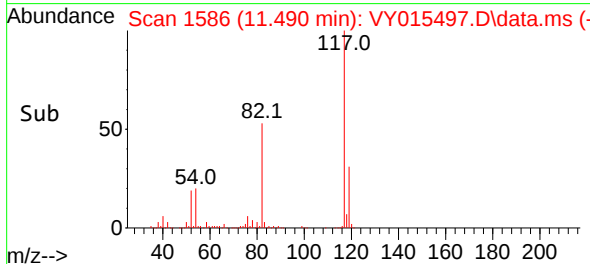
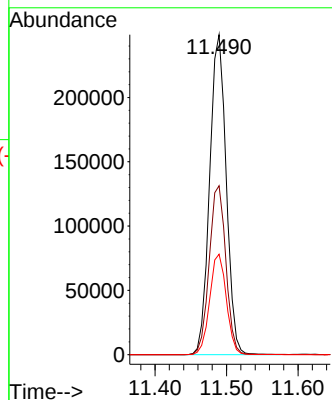
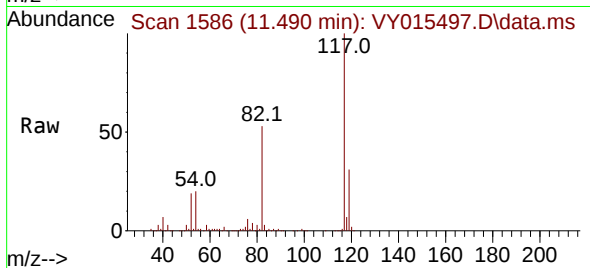
Tgt Ion:117 Resp: 399655

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 31.4 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: VY015497.D

Acq: 11 Sep 2023 19:14

Tgt Ion:152 Resp: 185763

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 157.3 0.0 348.8

