

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010998.D
 Acq On : 18 Oct 2022 16:44
 Operator : KP/MD
 Sample : N5149-10RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW5-GW-903-905RE

Quant Time: Oct 18 17:26:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	266897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	453383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	388014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157599	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132396	53.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.700%
35) Dibromofluoromethane	7.715	113	132545	52.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.120%
50) Toluene-d8	10.178	98	449419	47.474	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.940%
62) 4-Bromofluorobenzene	12.477	95	146129	43.156	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.320%

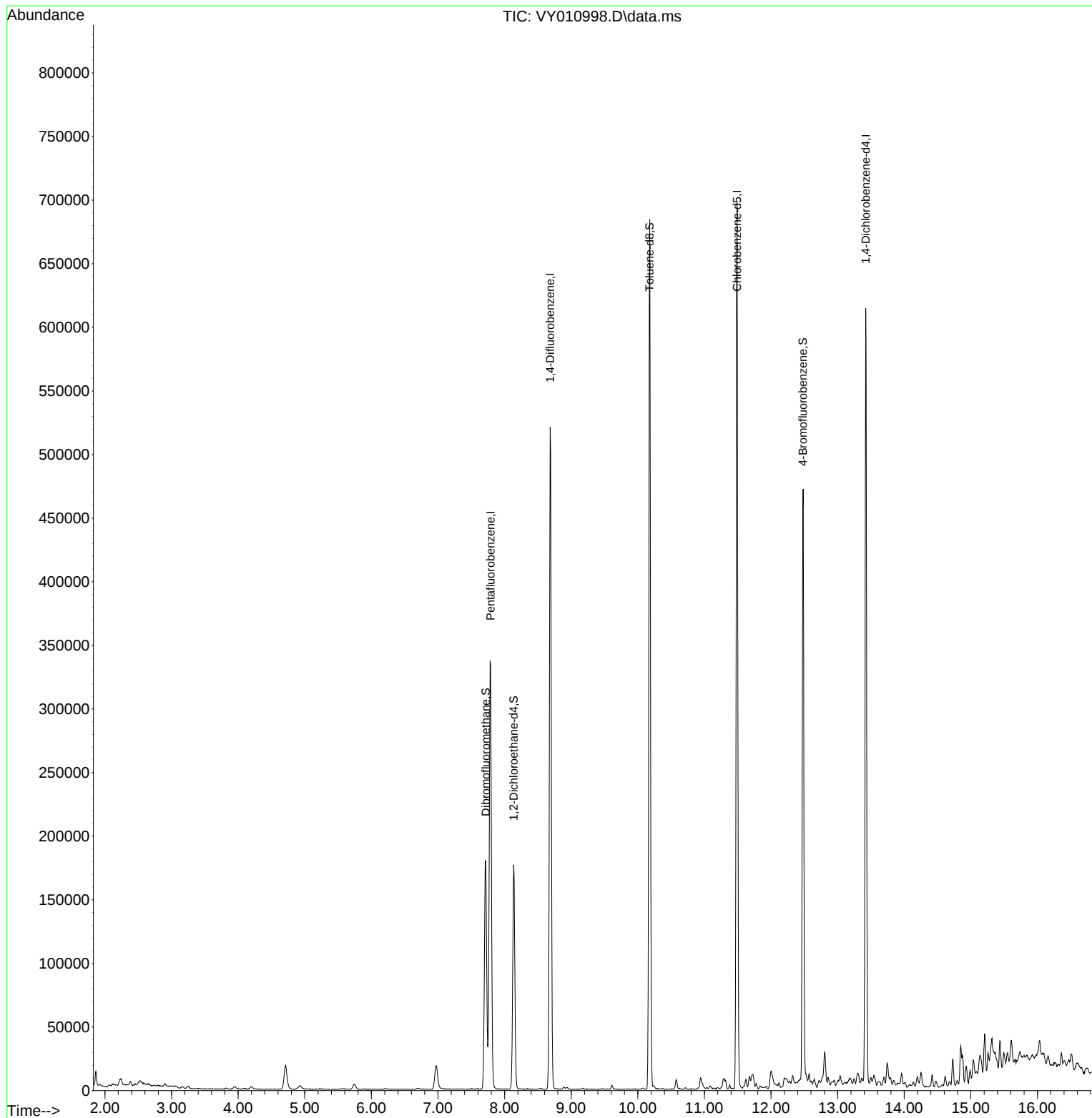
Target Compounds	Qvalue

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

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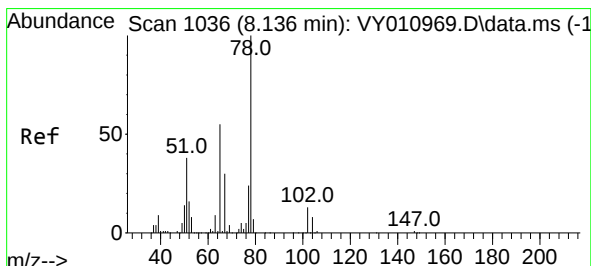
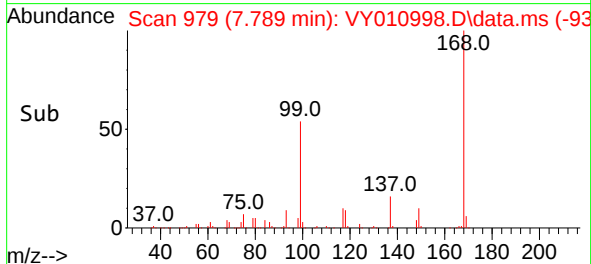
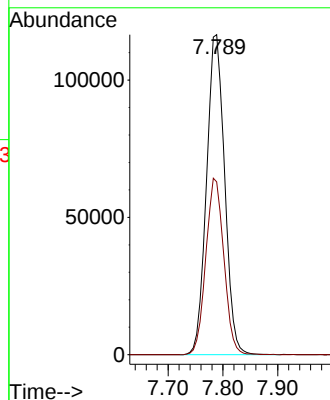
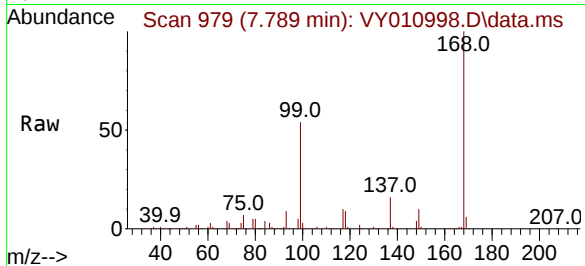




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010998.D
Acq: 18 Oct 2022 16:44

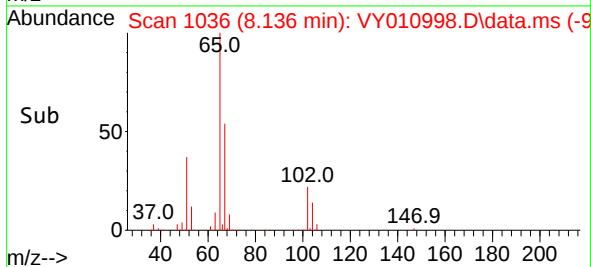
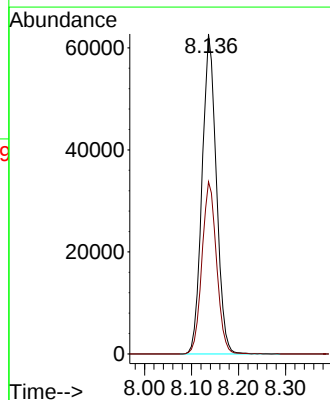
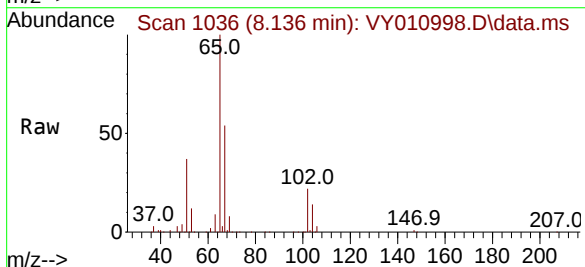
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-903-905RE

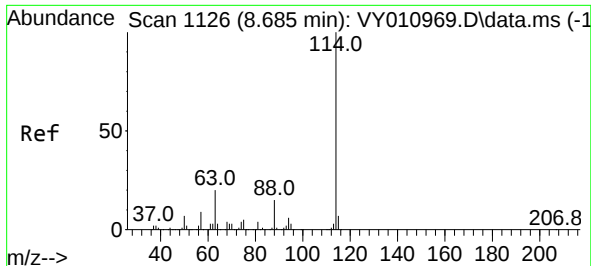
Tgt Ion:168 Resp: 266897
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.852 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010998.D
Acq: 18 Oct 2022 16:44

Tgt Ion: 65 Resp: 132396
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010998.D

Acq: 18 Oct 2022 16:44

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW5-GW-903-905RE

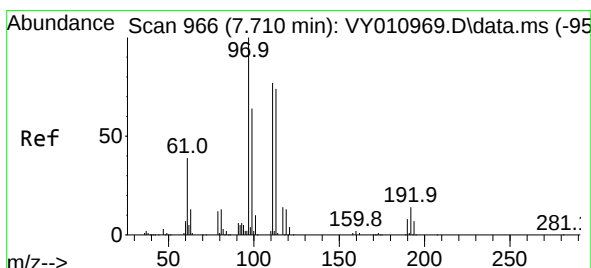
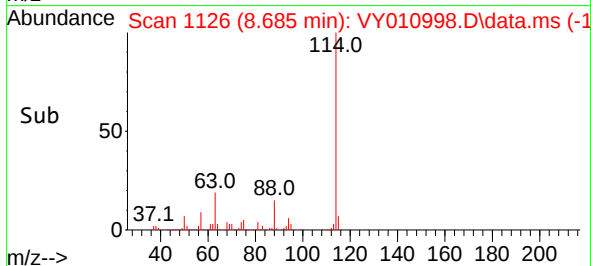
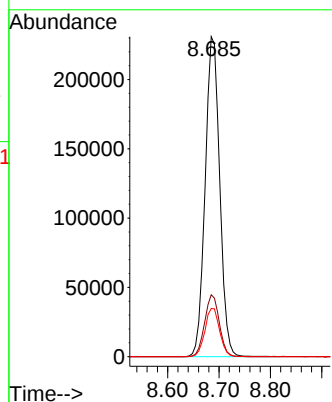
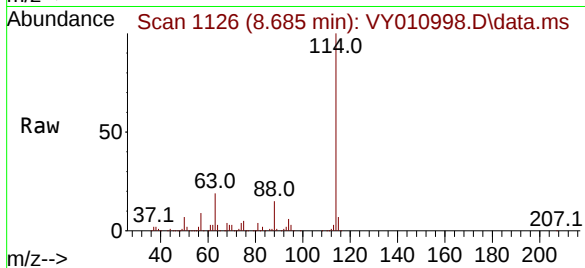
Tgt Ion:114 Resp: 453383

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.556 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY010998.D

Acq: 18 Oct 2022 16:44

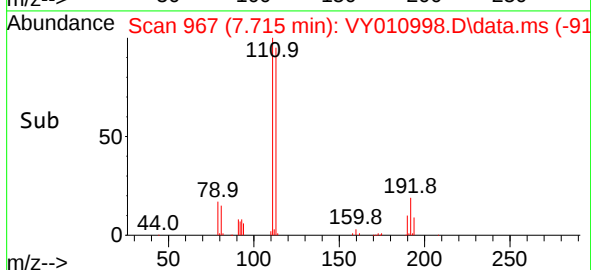
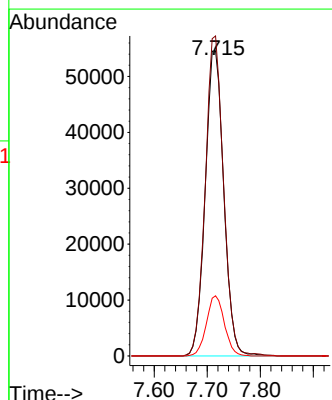
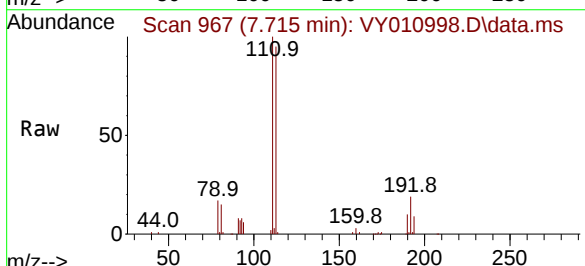
Tgt Ion:113 Resp: 132545

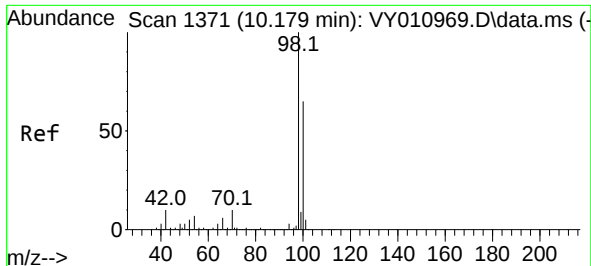
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 19.1 17.6 26.4

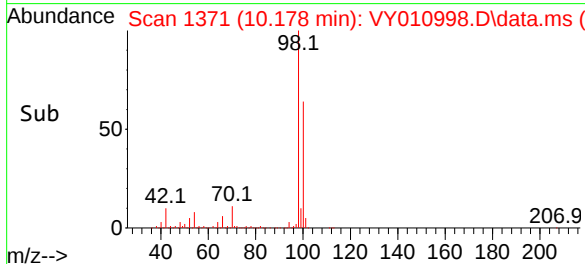
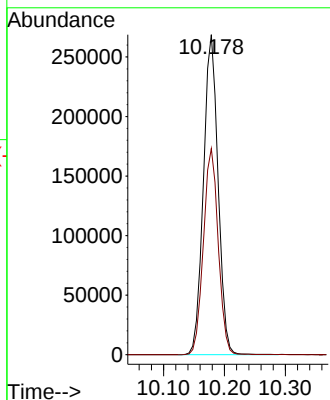
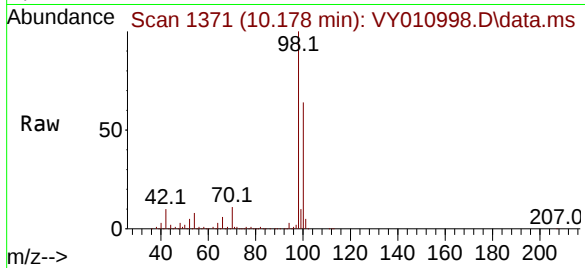




#50
Toluene-d8
Concen: 47.474 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010998.D
Acq: 18 Oct 2022 16:44

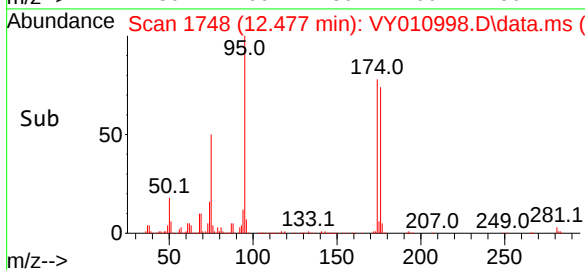
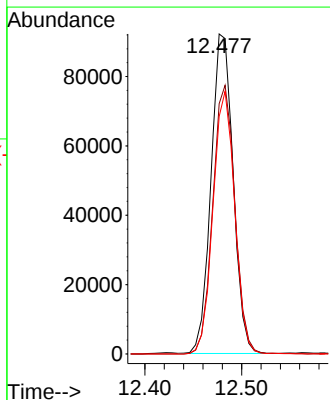
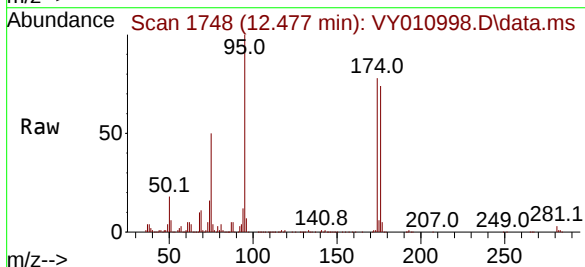
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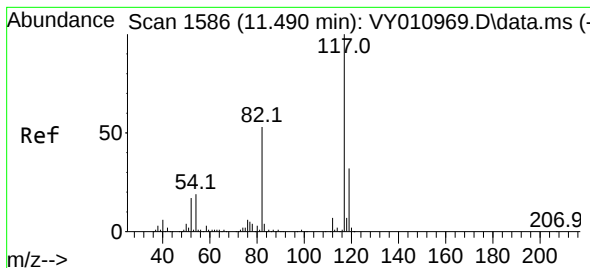
Tgt Ion: 98 Resp: 449419
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.156 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010998.D
Acq: 18 Oct 2022 16:44

Tgt Ion: 95 Resp: 146129
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 80.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010998.D

Acq: 18 Oct 2022 16:44

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW5-GW-903-905RE

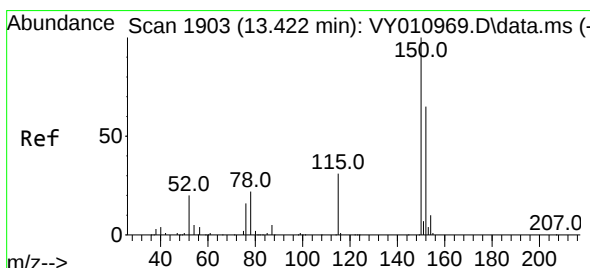
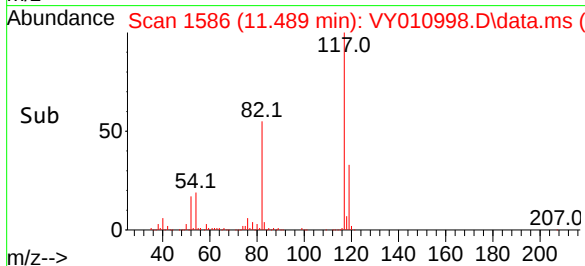
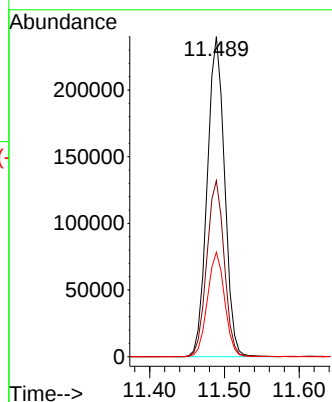
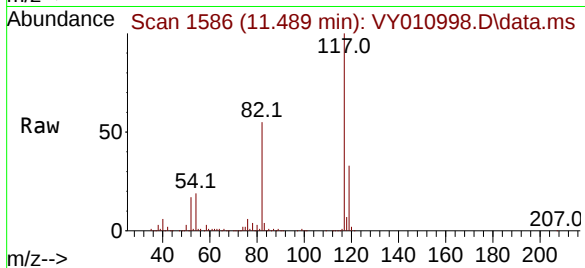
Tgt Ion:117 Resp: 388014

Ion Ratio Lower Upper

117 100

82 55.0 43.0 64.4

119 32.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010998.D

Acq: 18 Oct 2022 16:44

Tgt Ion:152 Resp: 157599

Ion Ratio Lower Upper

152 100

115 59.6 28.2 84.7

150 158.8 0.0 347.6

