

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011834.D
 Acq On : 14 Dec 2022 11:02
 Operator : KP/MD
 Sample : VY1214SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1214SBL01

Quant Time: Dec 15 01:16:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	191571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	272595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126037	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66597	51.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.080%
35) Dibromofluoromethane	7.722	113	68982	49.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.960%
50) Toluene-d8	10.179	98	201788	43.770	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.540%
62) 4-Bromofluorobenzene	12.483	95	79375	43.479	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.960%

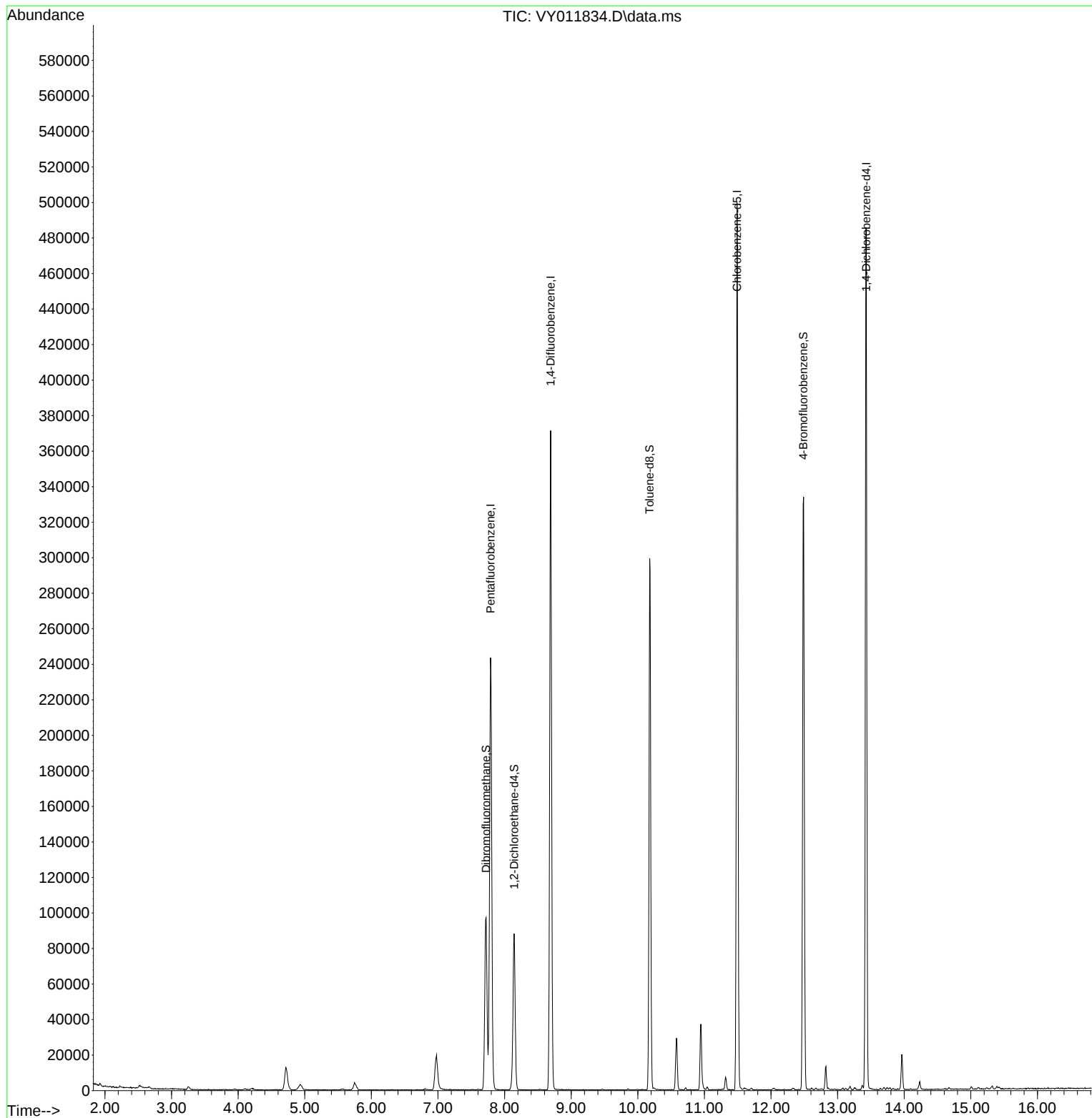
Target Compounds	Qvalue

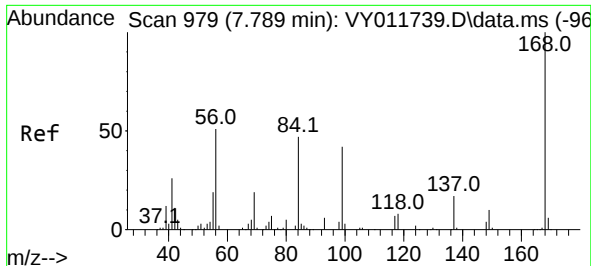
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
Data File : VY011834.D
Acq On : 14 Dec 2022 11:02
Operator : KP/MD
Sample : VY1214SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBL01

Quant Time: Dec 15 01:16:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

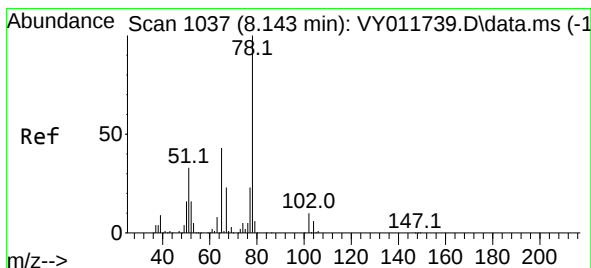
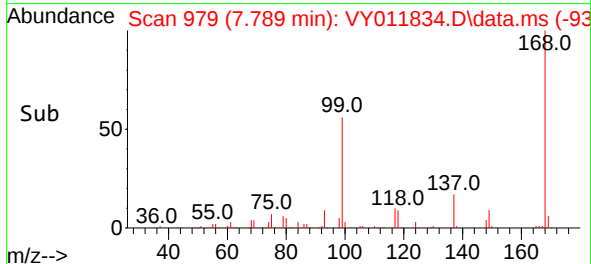
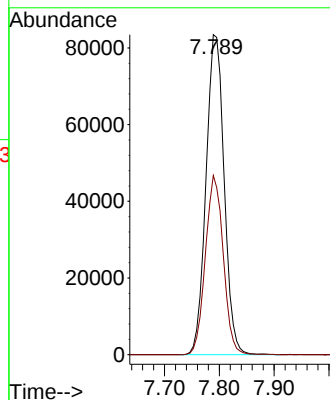
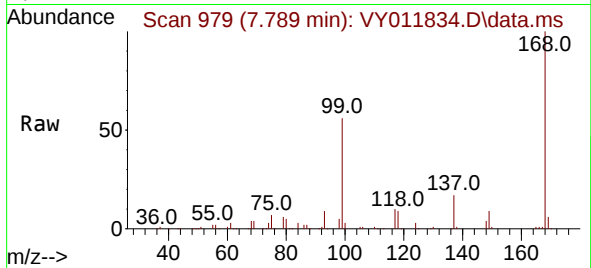




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011834.D
Acq: 14 Dec 2022 11:02

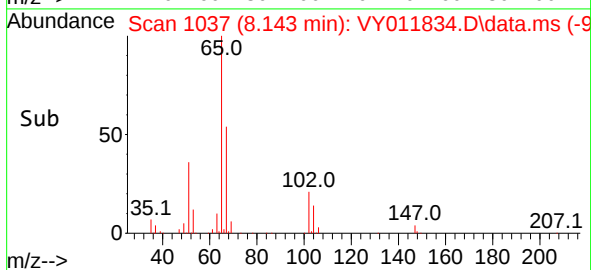
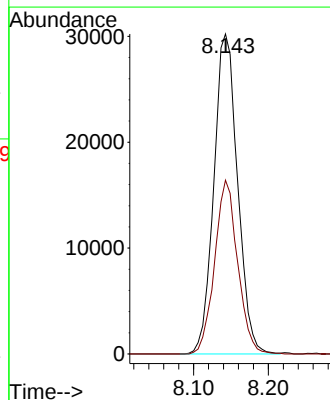
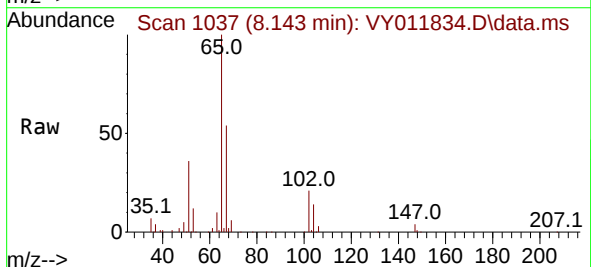
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBL01

Tgt Ion:168 Resp: 191571
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 51.044 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011834.D
Acq: 14 Dec 2022 11:02

Tgt Ion: 65 Resp: 66597
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011834.D

Acq: 14 Dec 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBL01

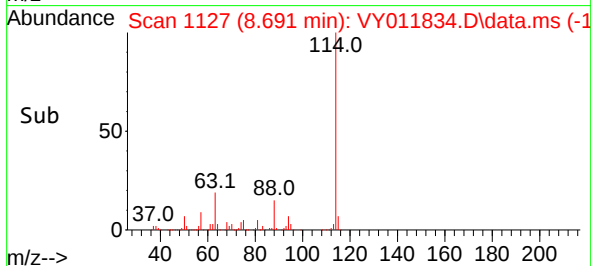
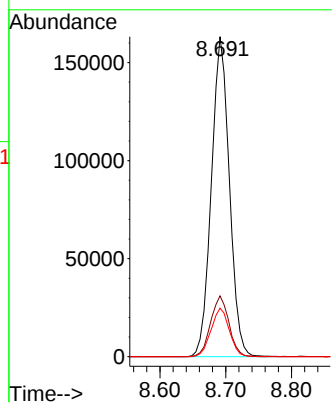
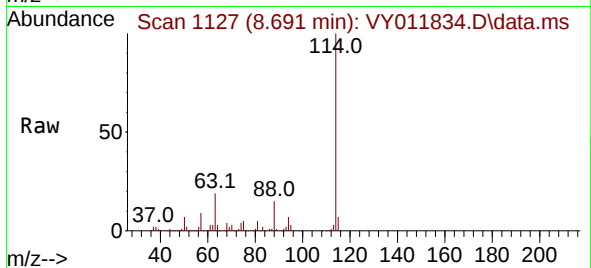
Tgt Ion:114 Resp: 310621

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.983 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011834.D

Acq: 14 Dec 2022 11:02

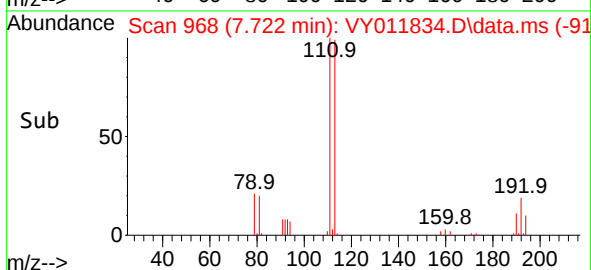
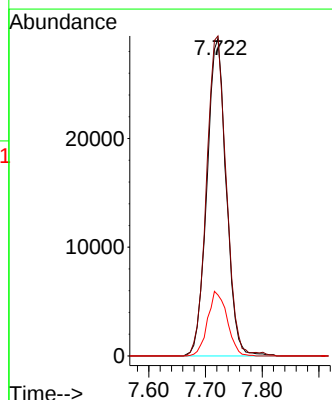
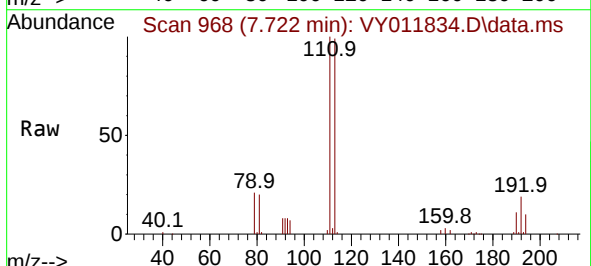
Tgt Ion:113 Resp: 68982

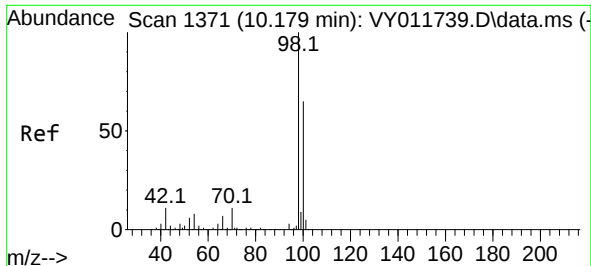
Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.4

192 20.6 16.0 24.0

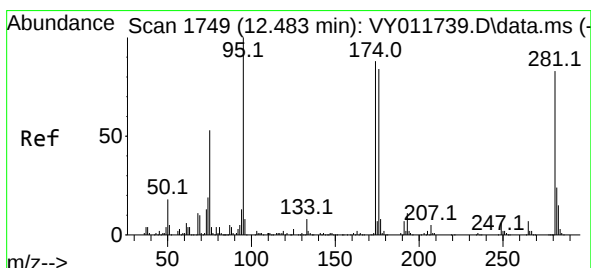
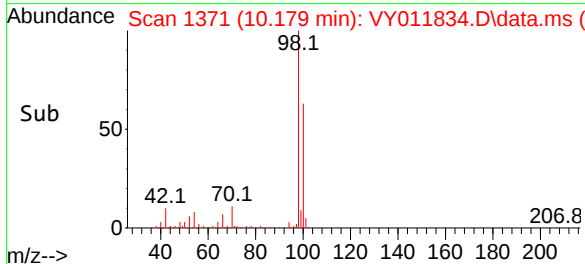
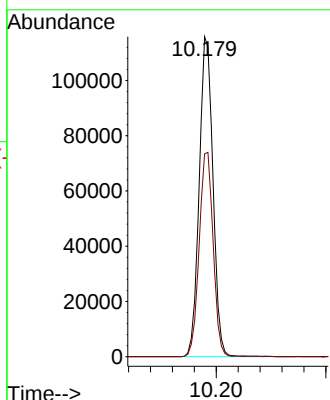
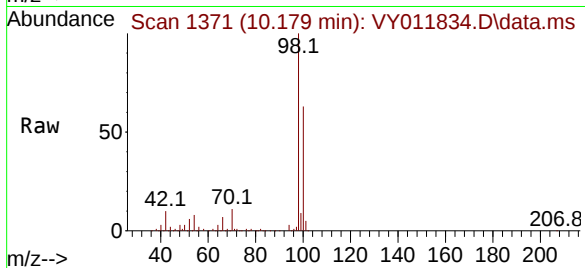




#50
Toluene-d8
Concen: 43.770 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011834.D
Acq: 14 Dec 2022 11:02

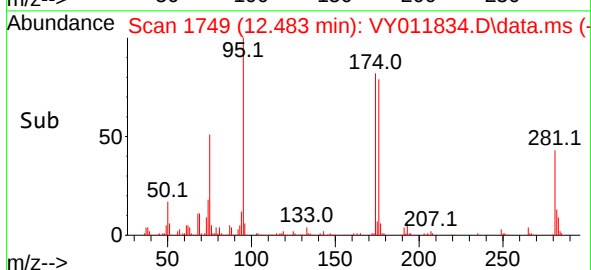
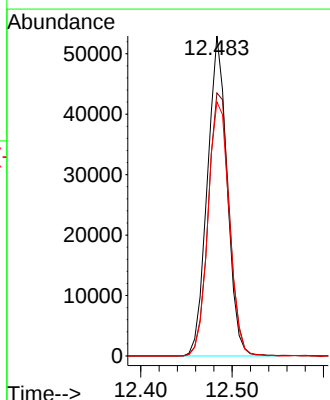
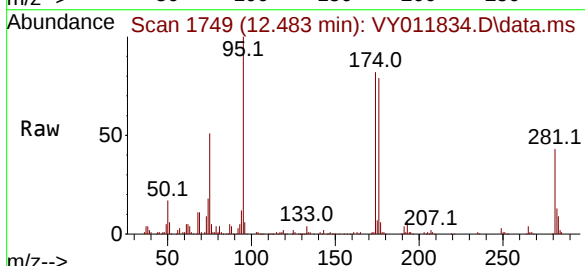
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBL01

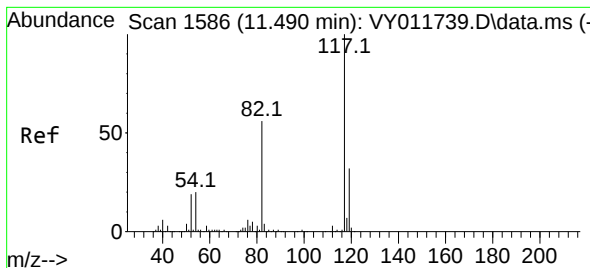
Tgt Ion: 98 Resp: 201788
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.479 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011834.D
Acq: 14 Dec 2022 11:02

Tgt Ion: 95 Resp: 79375
Ion Ratio Lower Upper
95 100
174 88.1 0.0 172.0
176 85.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011834.D

Acq: 14 Dec 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBL01

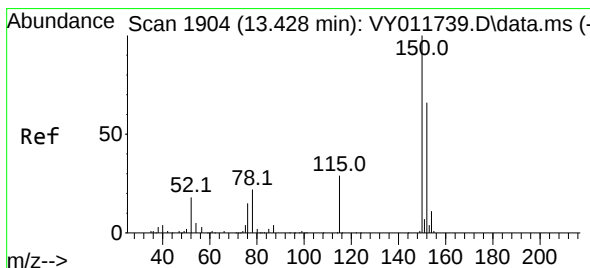
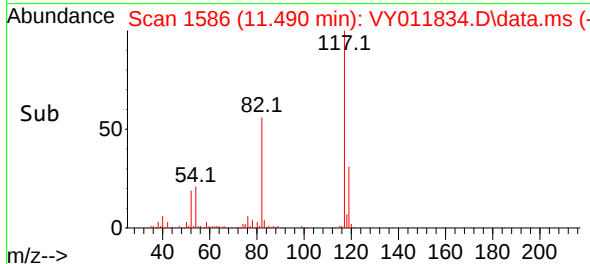
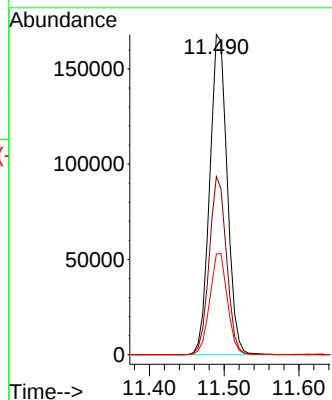
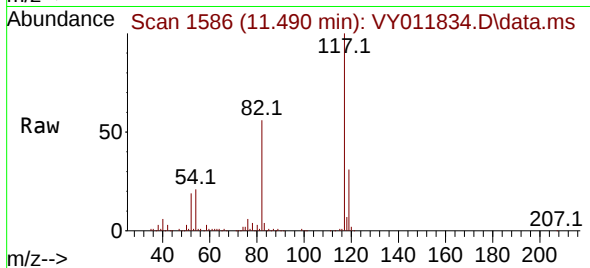
Tgt Ion:117 Resp: 272595

Ion Ratio Lower Upper

117 100

82 55.7 44.8 67.2

119 31.5 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011834.D

Acq: 14 Dec 2022 11:02

Tgt Ion:152 Resp: 126037

Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

150 156.7 0.0 342.6

