

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012445.D
 Acq On : 01 Feb 2023 16:26
 Operator : KP/MD
 Sample : 01386-13
 Misc : 6.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-15-013123

Quant Time: Feb 01 23:06:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	173002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	291641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129667	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	106235	76.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.280%
35) Dibromofluoromethane	7.716	113	83770	54.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.500%
50) Toluene-d8	10.179	98	348017	66.471	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	132.940%
62) 4-Bromofluorobenzene	12.483	95	116568	53.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.100%

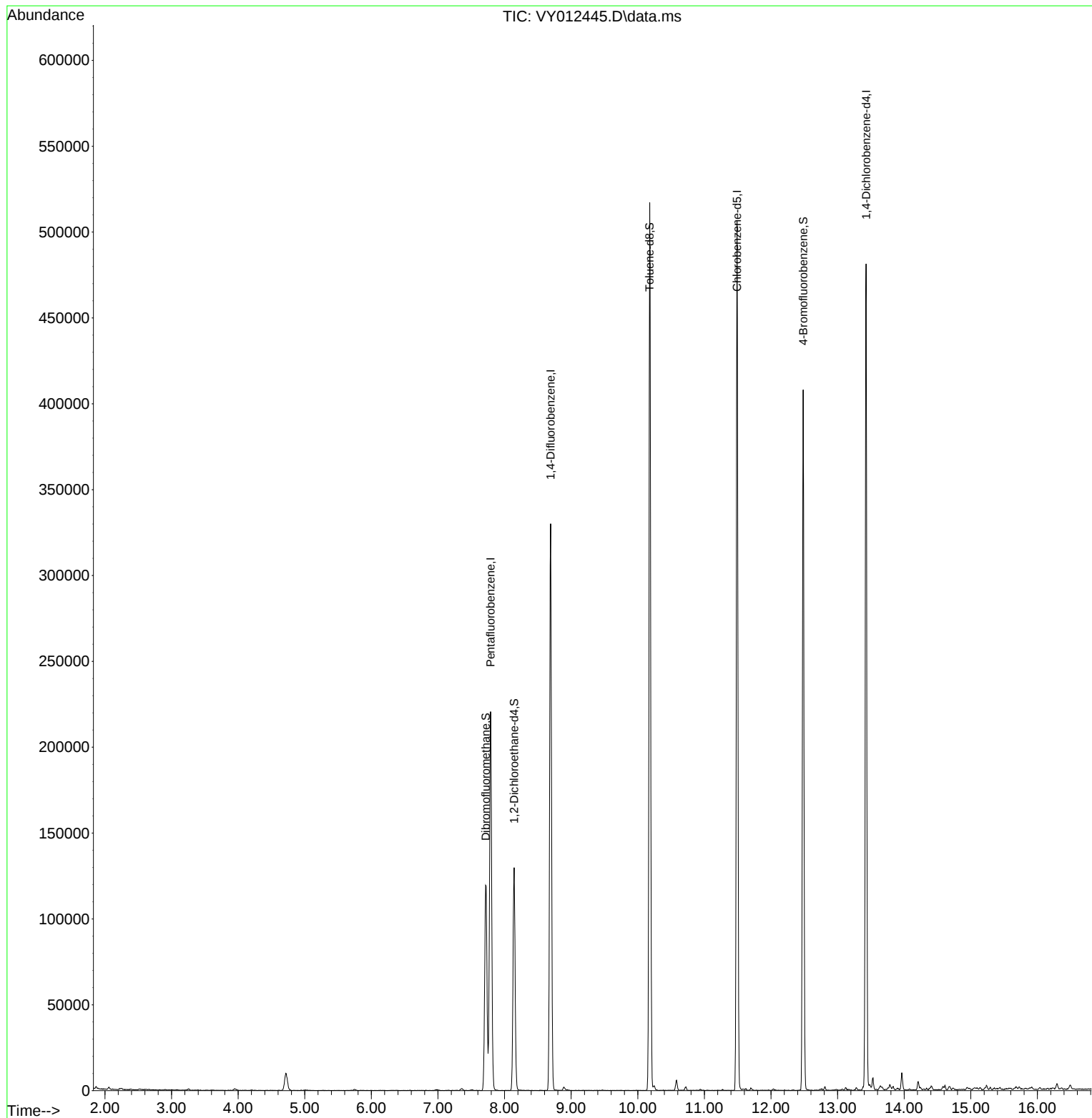
Target Compounds	Qvalue

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

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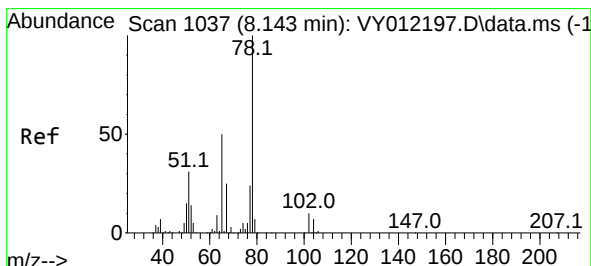
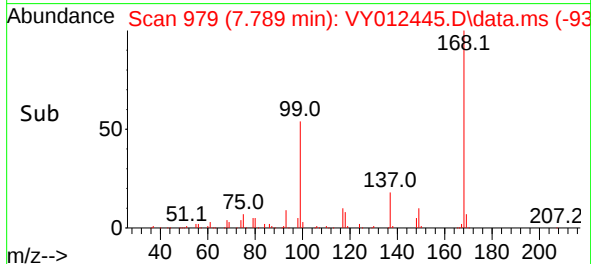
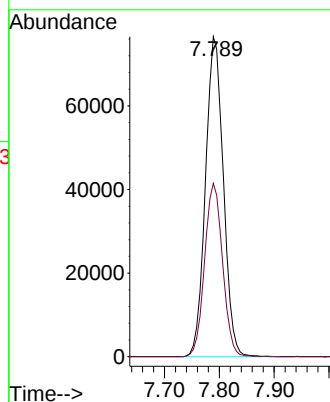
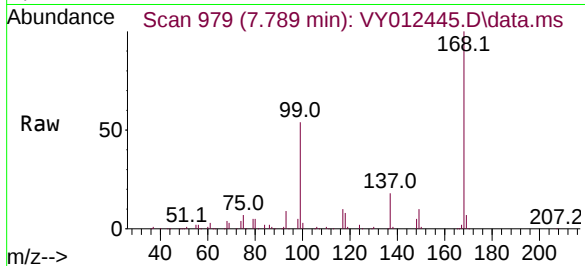




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012445.D
Acq: 01 Feb 2023 16:26

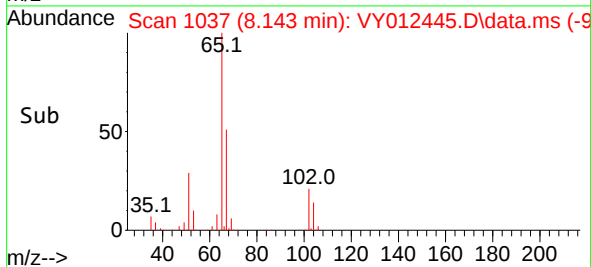
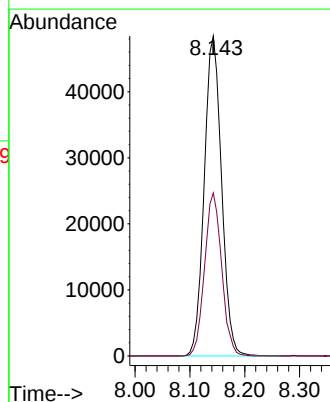
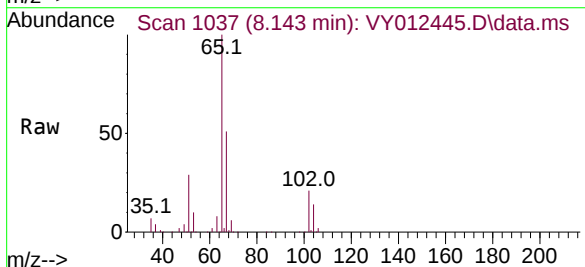
Instrument :
MSVOA_Y
ClientSampleId :
JPP-15-013123

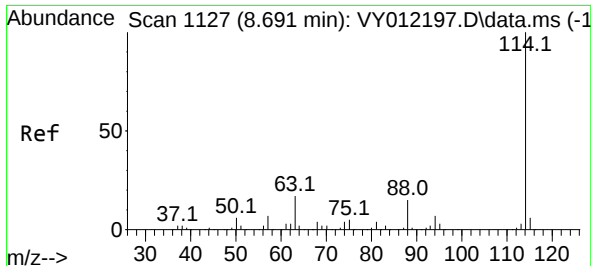
Tgt Ion:168 Resp: 173002
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 76.139 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012445.D
Acq: 01 Feb 2023 16:26

Tgt Ion: 65 Resp: 106235
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.2

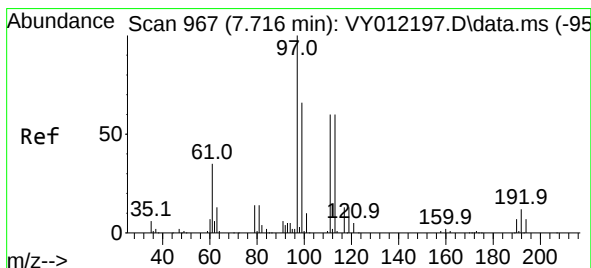
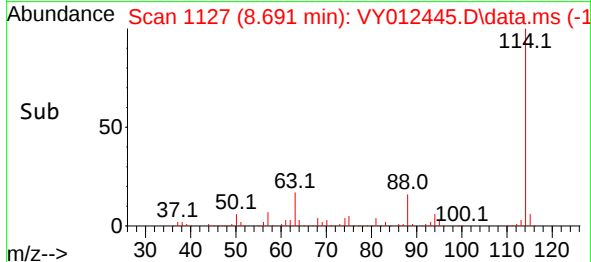
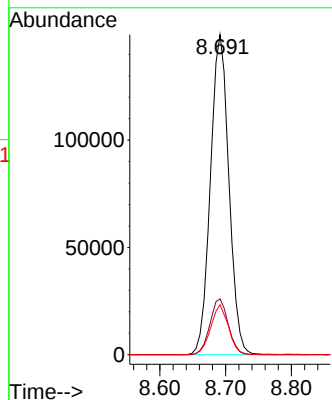
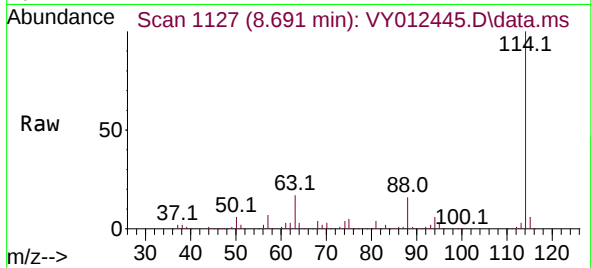




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012445.D
Acq: 01 Feb 2023 16:26

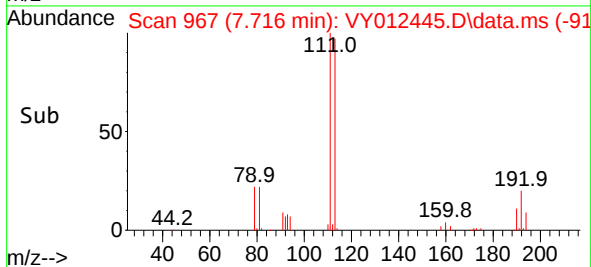
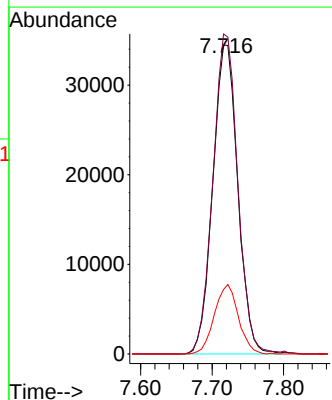
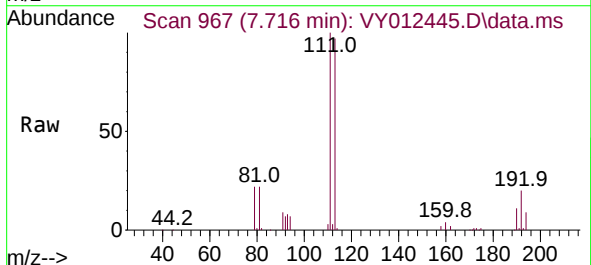
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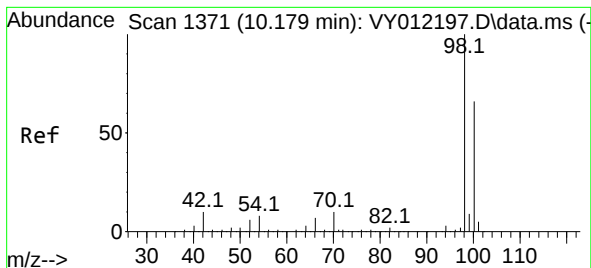
Tgt Ion:114 Resp: 291641
Ion Ratio Lower Upper
114 100
63 17.4 0.0 39.6
88 15.6 0.0 32.2



#35
Dibromofluoromethane
Concen: 54.247 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012445.D
Acq: 01 Feb 2023 16:26

Tgt Ion:113 Resp: 83770
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 21.5 16.0 24.0





#50

Toluene-d8

Concen: 66.471 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012445.D

Acq: 01 Feb 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

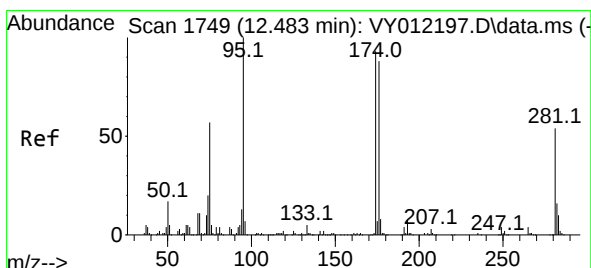
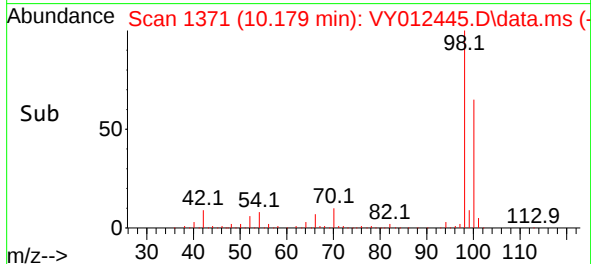
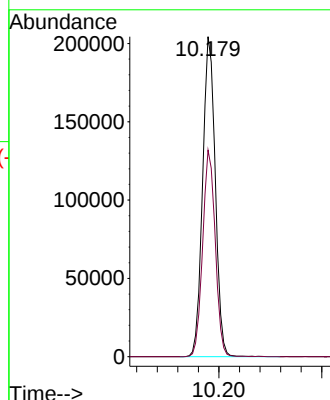
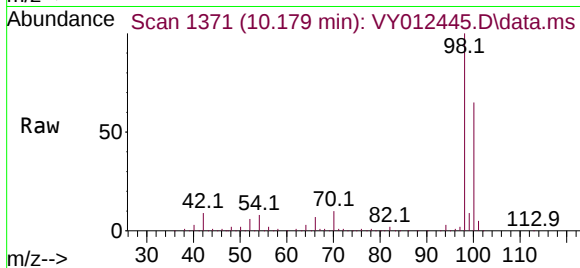
JPP-15-013123

Tgt Ion: 98 Resp: 348017

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.548 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012445.D

Acq: 01 Feb 2023 16:26

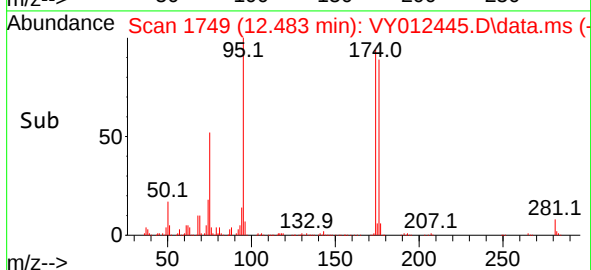
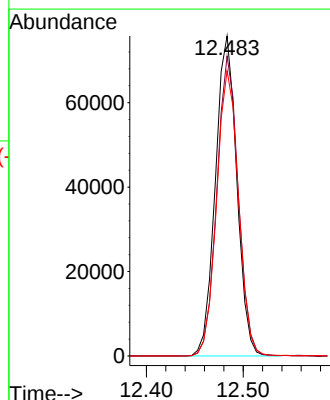
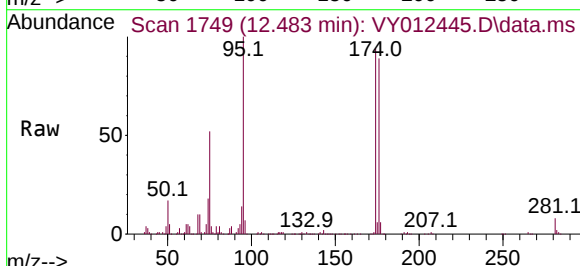
Tgt Ion: 95 Resp: 116568

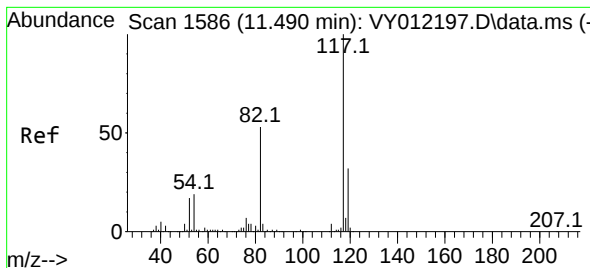
Ion Ratio Lower Upper

95 100

174 93.6 0.0 172.0

176 90.8 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: VY012445.D

Acq: 01 Feb 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

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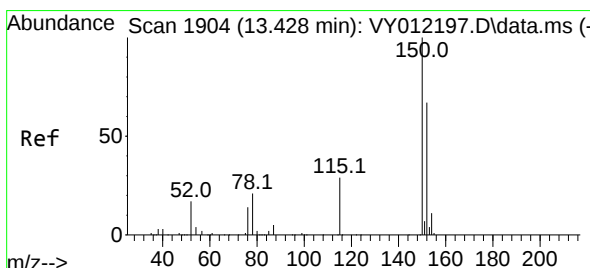
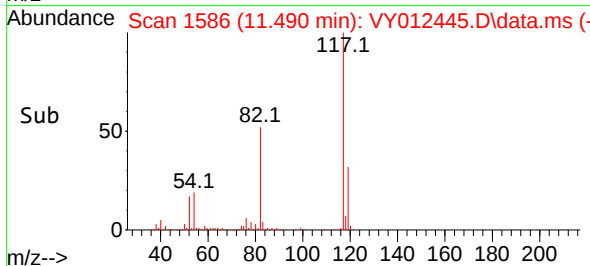
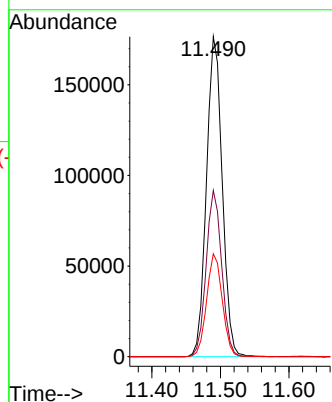
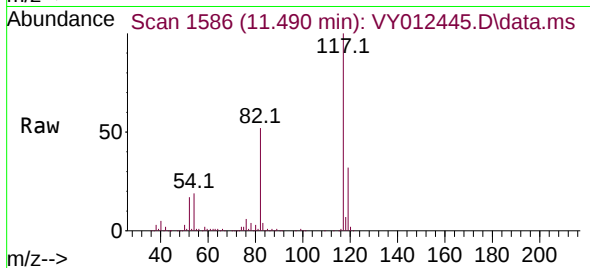
Tgt Ion:117 Resp: 282836

Ion Ratio Lower Upper

117 100

82 51.9 44.8 67.2

119 32.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012445.D

Acq: 01 Feb 2023 16:26

Tgt Ion:152 Resp: 129667

Ion Ratio Lower Upper

152 100

115 56.6 29.1 87.3

150 156.2 0.0 342.6

