

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012286.D
 Acq On : 20 Jan 2023 13:29
 Operator : KP/MD
 Sample : 01190-06
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5

Quant Time: Jan 23 02:19:07 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	220730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	359863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	118640	66.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.220%
35) Dibromofluoromethane	7.722	113	111110	56.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.580%
50) Toluene-d8	10.179	98	437257	65.879	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.760%
62) 4-Bromofluorobenzene	12.483	95	154781	56.120	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.240%

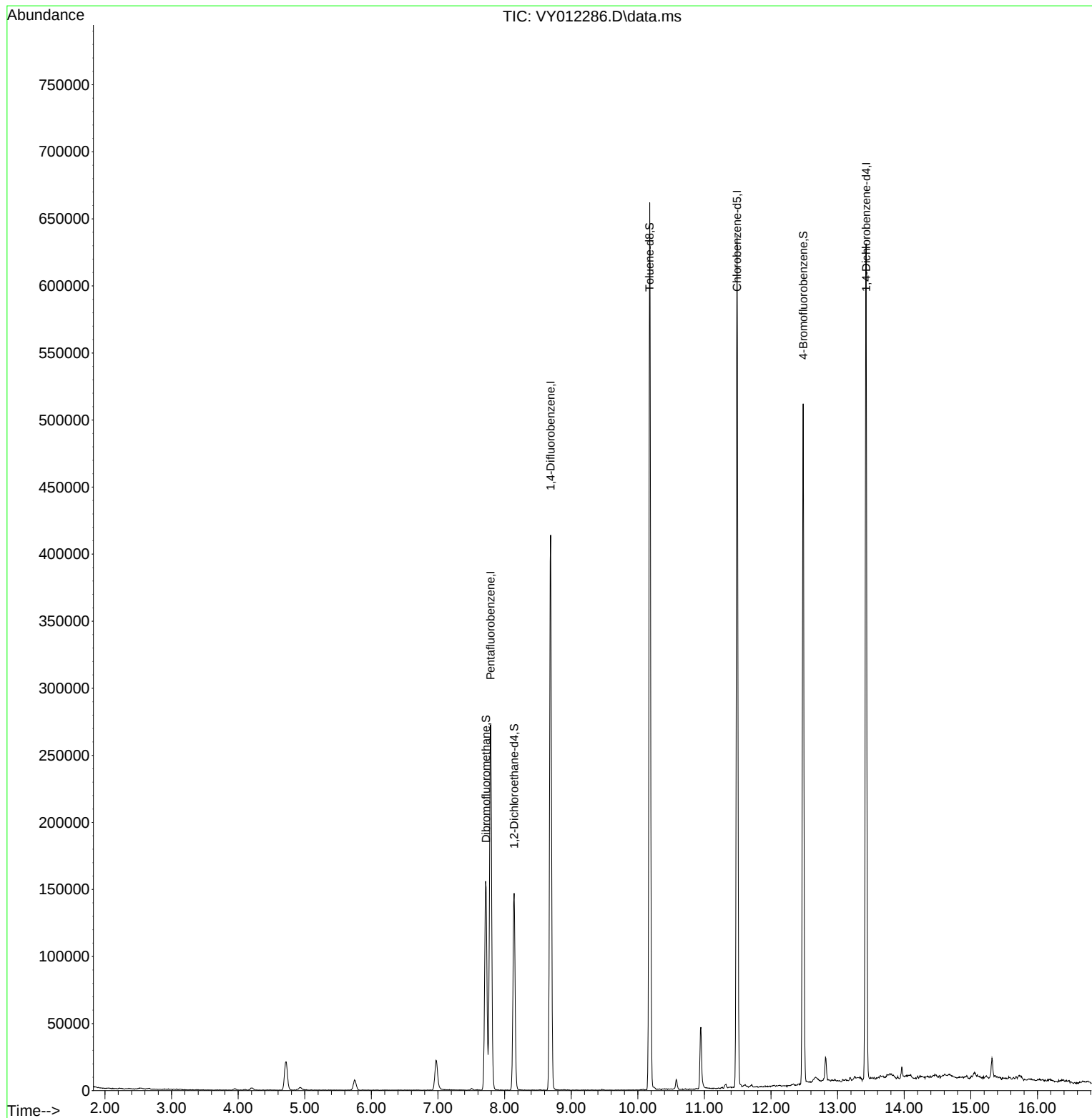
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
Data File : VY012286.D
Acq On : 20 Jan 2023 13:29
Operator : KP/MD
Sample : 01190-06
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-5

Quant Time: Jan 23 02:19:07 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

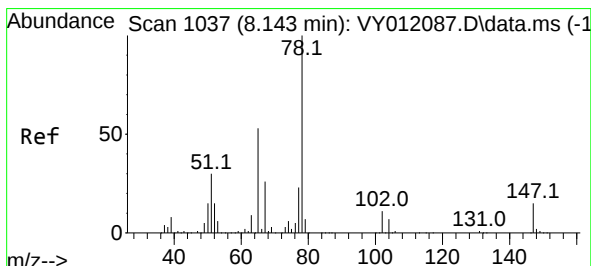
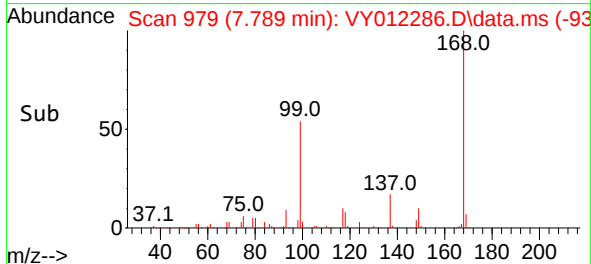
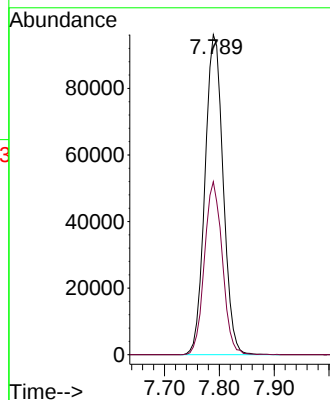
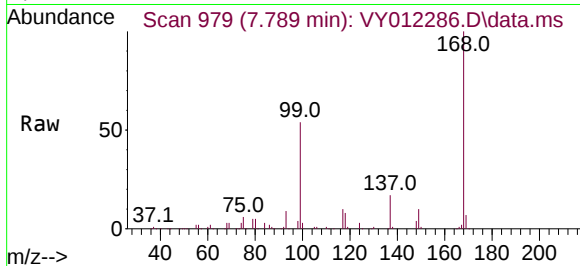




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012286.D
Acq: 20 Jan 2023 13:29

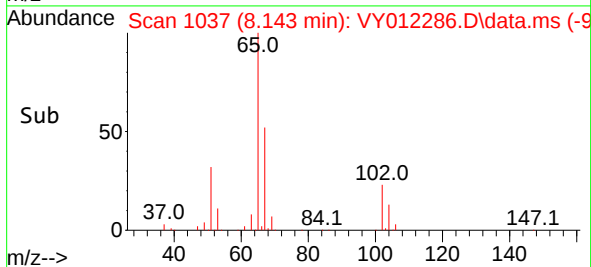
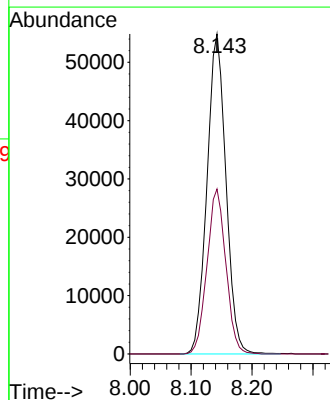
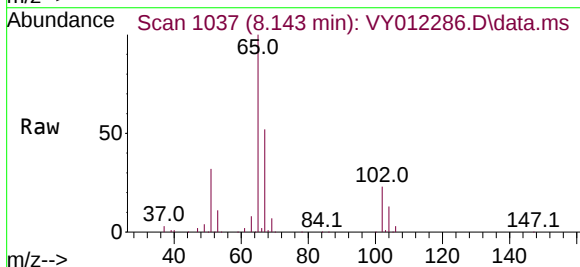
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

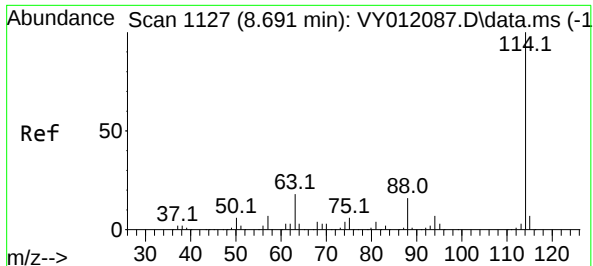
Tgt Ion:168 Resp: 220730
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 66.112 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012286.D
Acq: 20 Jan 2023 13:29

Tgt Ion: 65 Resp: 118640
Ion Ratio Lower Upper
65 100
67 51.1 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: VY012286.D

Acq: 20 Jan 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

PE-5

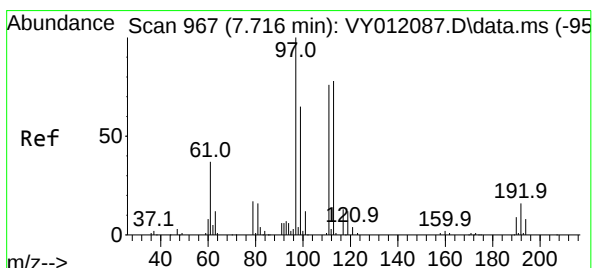
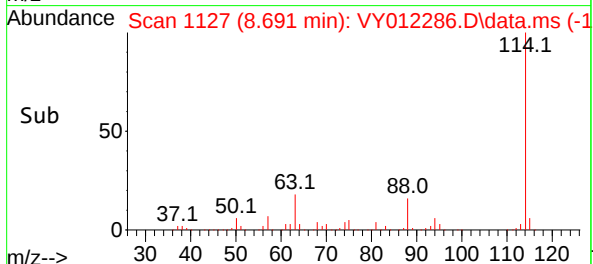
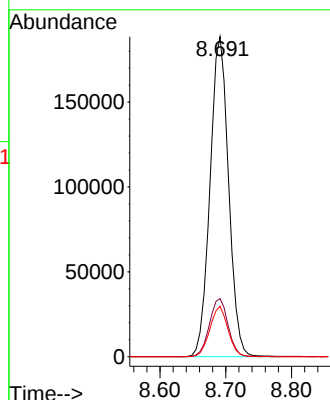
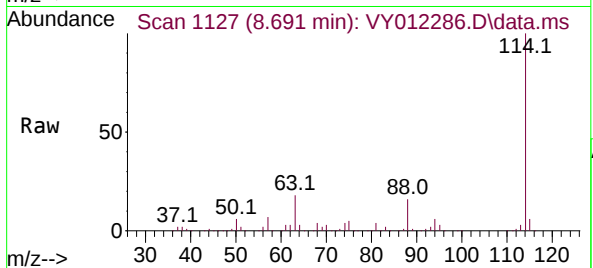
Tgt Ion:114 Resp: 369497

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.791 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012286.D

Acq: 20 Jan 2023 13:29

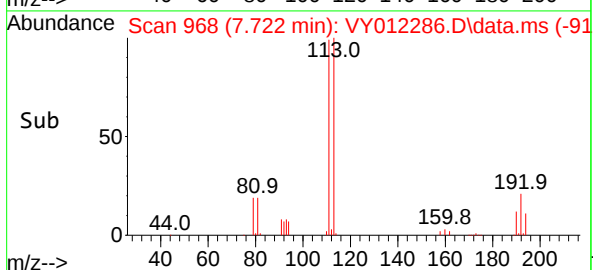
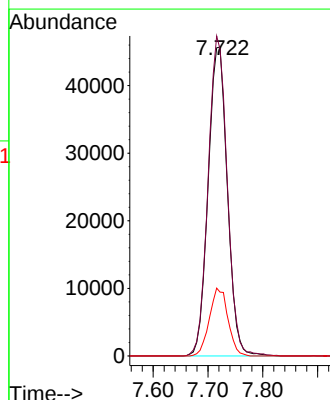
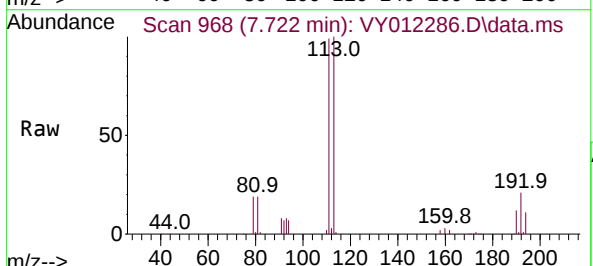
Tgt Ion:113 Resp: 111110

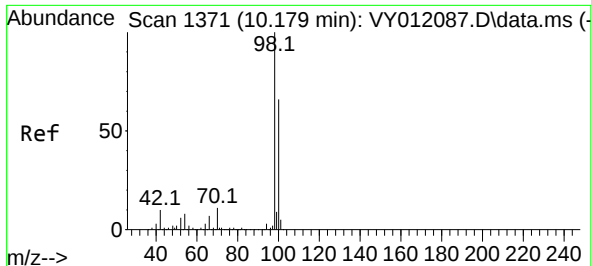
Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.4

192 21.2 16.0 24.0

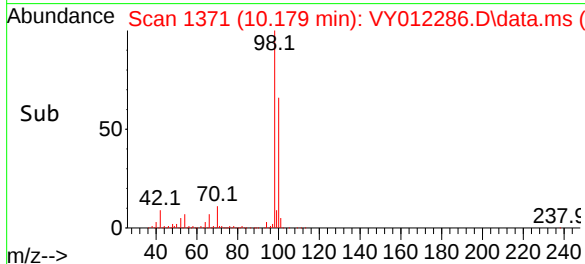
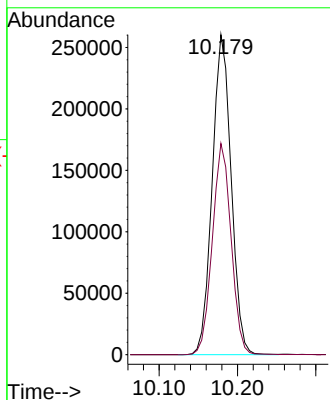
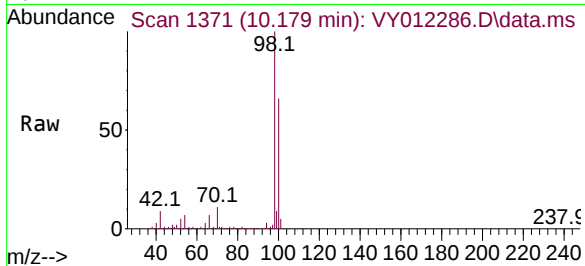




#50
Toluene-d8
Concen: 65.879 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012286.D
Acq: 20 Jan 2023 13:29

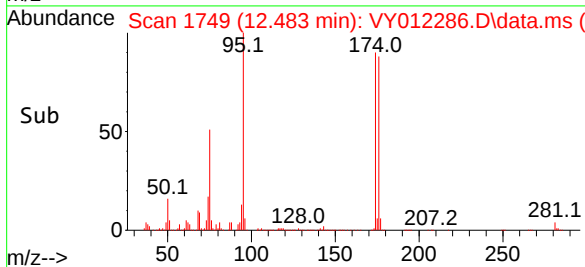
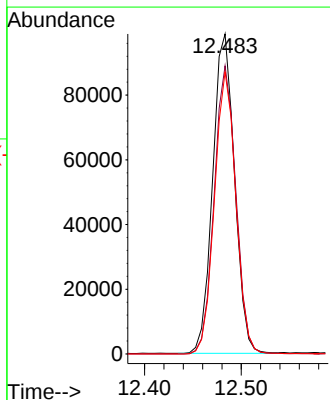
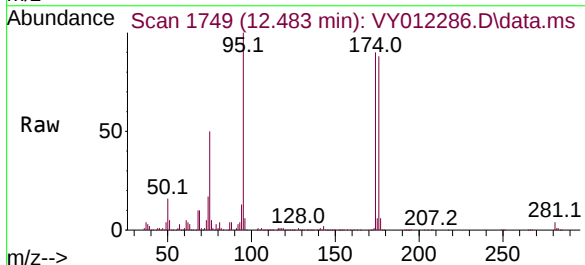
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

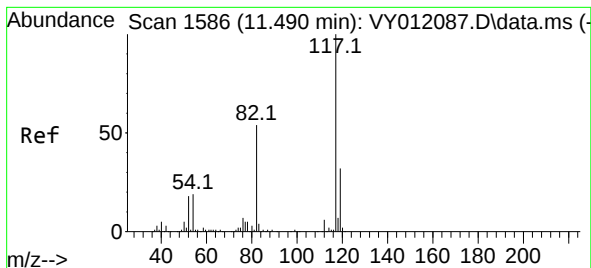
Tgt Ion: 98 Resp: 437257
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.120 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012286.D
Acq: 20 Jan 2023 13:29

Tgt Ion: 95 Resp: 154781
Ion Ratio Lower Upper
95 100
174 89.6 0.0 172.0
176 86.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012286.D

Acq: 20 Jan 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

PE-5

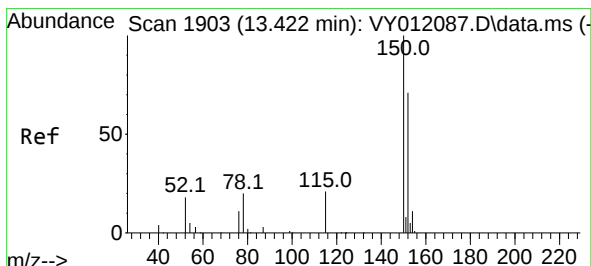
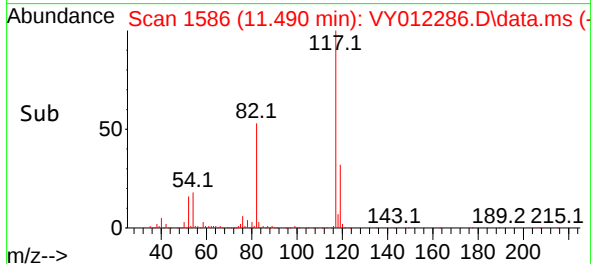
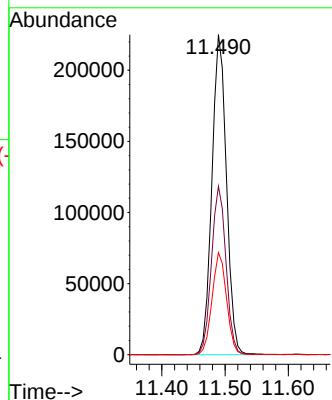
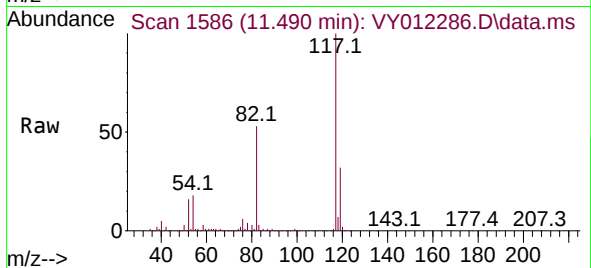
Tgt Ion:117 Resp: 359863

Ion Ratio Lower Upper

117 100

82 52.7 44.8 67.2

119 31.9 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: VY012286.D

Acq: 20 Jan 2023 13:29

Tgt Ion:152 Resp: 172285

Ion Ratio Lower Upper

152 100

115 56.9 29.1 87.3

150 155.4 0.0 342.6

