

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012434.D
 Acq On : 01 Feb 2023 11:56
 Operator : KP/MD
 Sample : VY0201SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBL01

Quant Time: Feb 01 23:02:26 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	168562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	260736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	234510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114018	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71256	51.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.160%
35) Dibromofluoromethane	7.722	113	65195	47.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.179	98	218555	45.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.560%
62) 4-Bromofluorobenzene	12.483	95	81721	41.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.980%

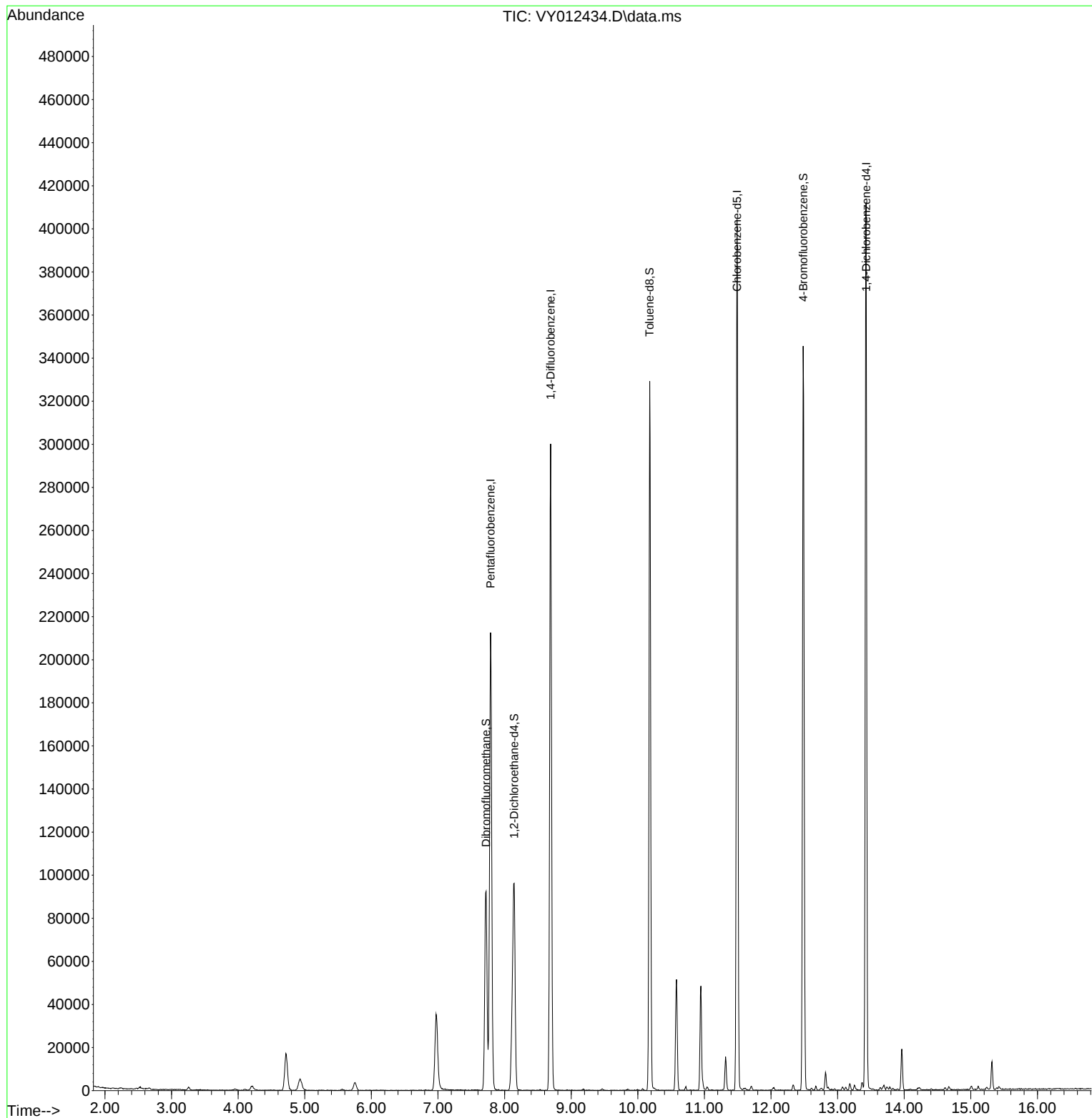
Target Compounds	Qvalue

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

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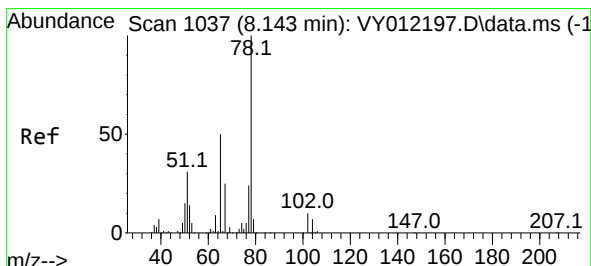
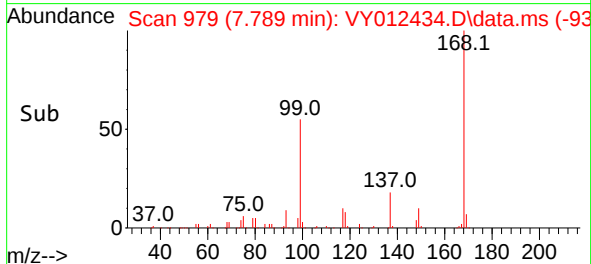
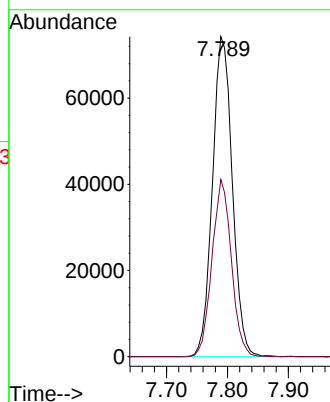
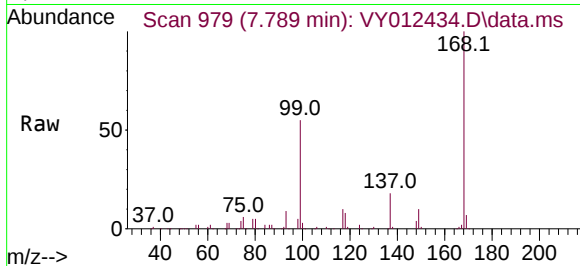




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

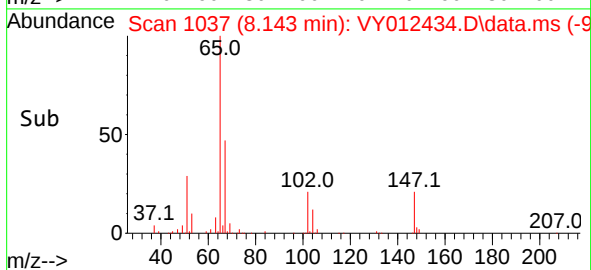
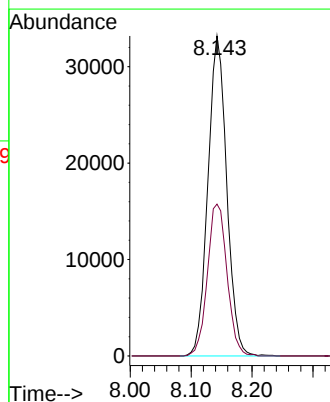
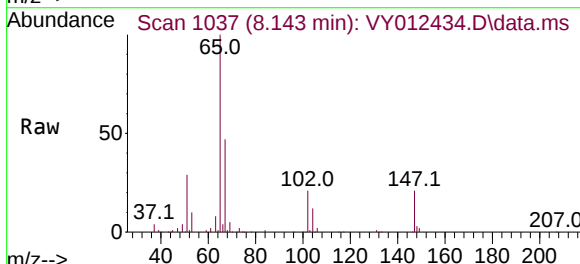
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBL01

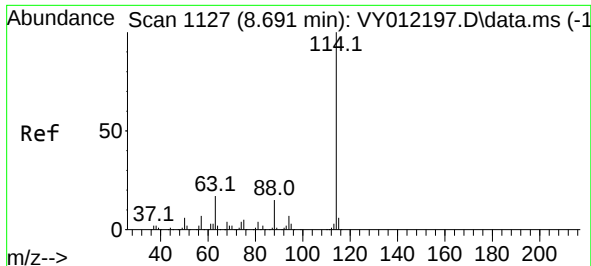
Tgt Ion:168 Resp: 168562
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 51.085 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

Tgt Ion: 65 Resp: 71256
Ion Ratio Lower Upper
65 100
67 49.7 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: VY012434.D

Acq: 01 Feb 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBL01

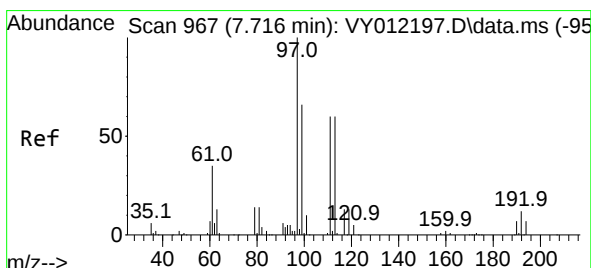
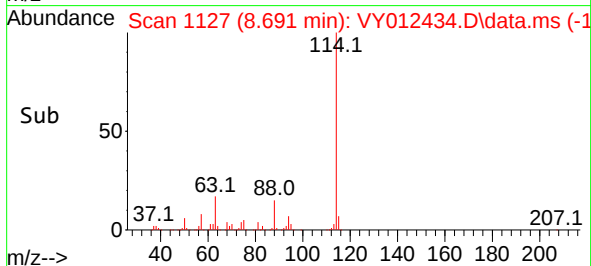
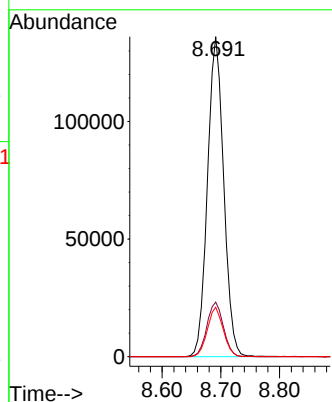
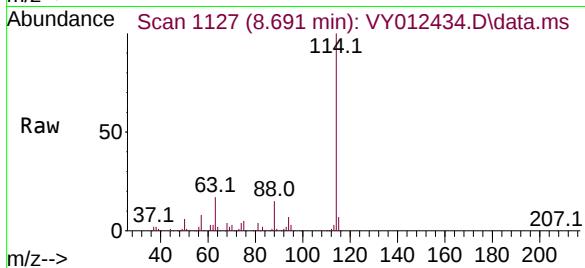
Tgt Ion:114 Resp: 260736

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.222 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012434.D

Acq: 01 Feb 2023 11:56

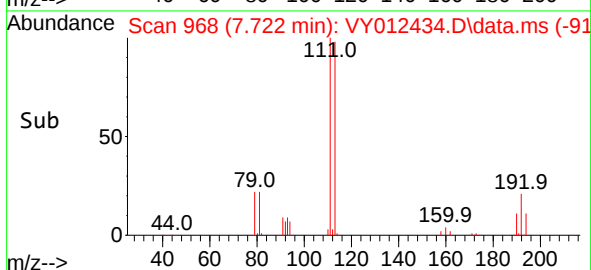
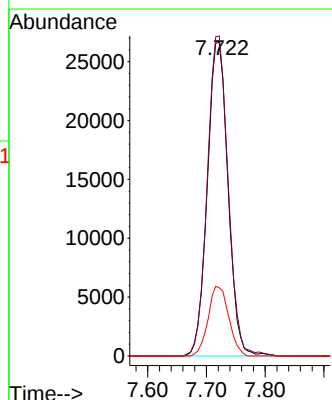
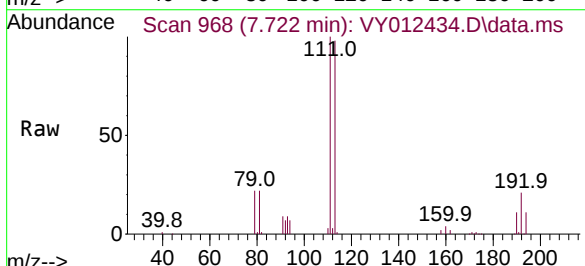
Tgt Ion:113 Resp: 65195

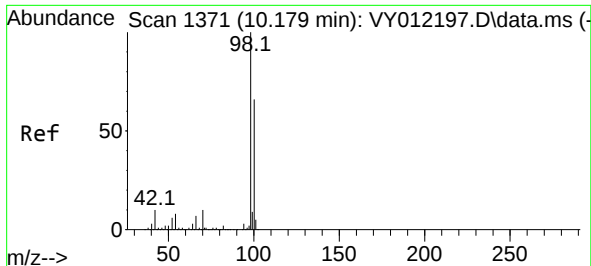
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 22.1 16.0 24.0

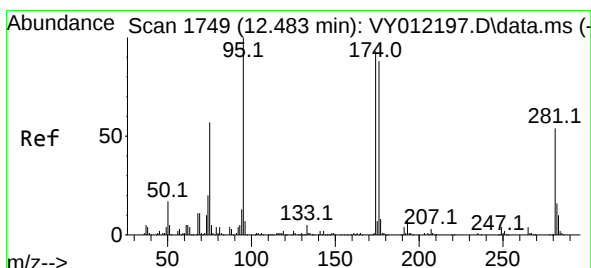
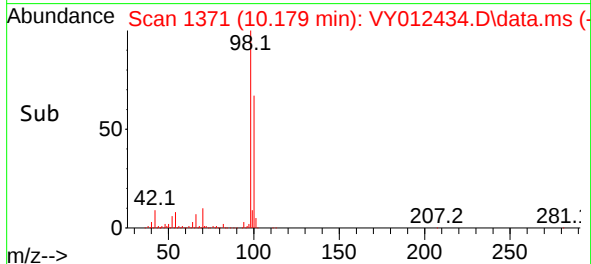
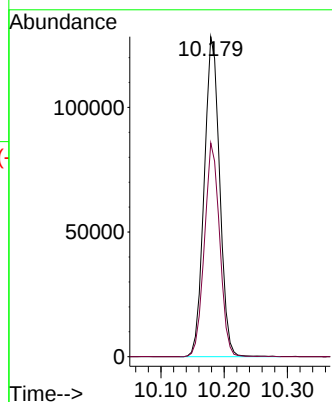
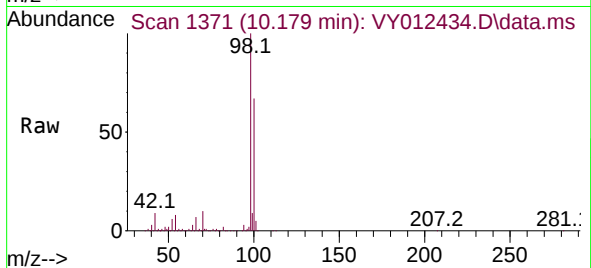




#50
Toluene-d8
Concen: 45.280 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

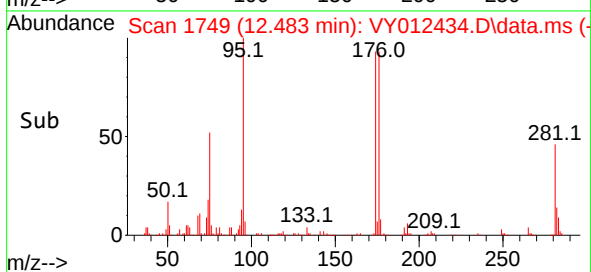
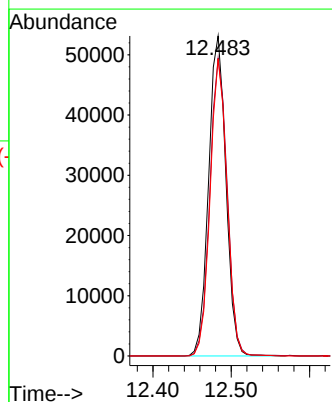
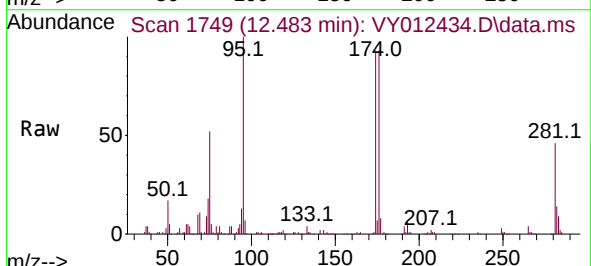
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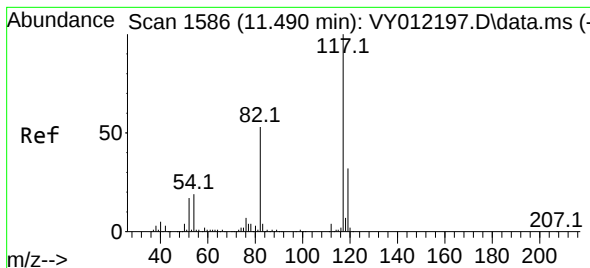
Tgt Ion: 98 Resp: 218555
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.990 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

Tgt Ion: 95 Resp: 81721
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 90.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012434.D

Acq: 01 Feb 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBL01

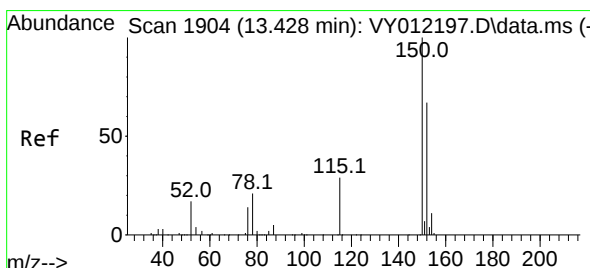
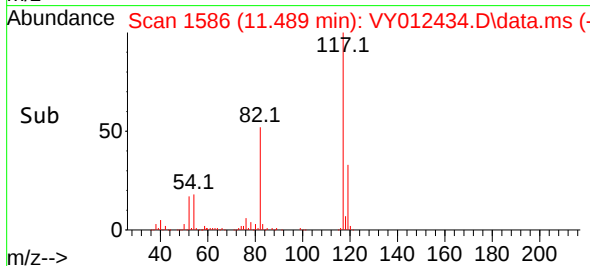
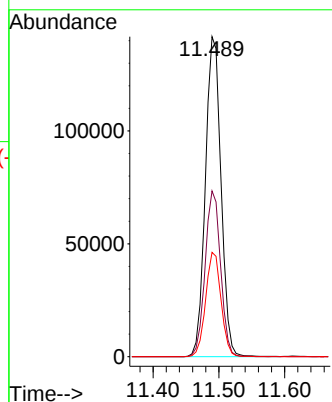
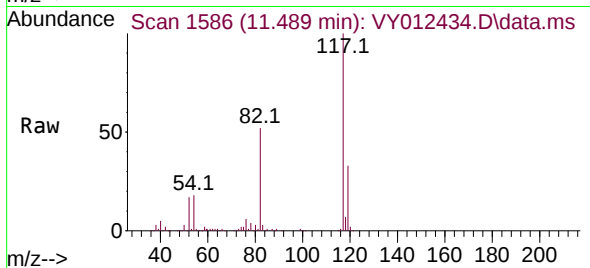
Tgt Ion:117 Resp: 234510

Ion Ratio Lower Upper

117 100

82 51.8 44.8 67.2

119 32.6 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: VY012434.D

Acq: 01 Feb 2023 11:56

Tgt Ion:152 Resp: 114018

Ion Ratio Lower Upper

152 100

115 56.3 29.1 87.3

150 155.5 0.0 342.6

