

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012460.D
 Acq On : 02 Feb 2023 17:01
 Operator : KP/MD
 Sample : 01390-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-2

Quant Time: Feb 03 03:13:16 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	6271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	10484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5022	100.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.180%#	
35) Dibromofluoromethane	7.716	113	2125	38.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.560%	
50) Toluene-d8	10.179	98	12825	68.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 136.520%	
62) 4-Bromofluorobenzene	12.483	95	4200	53.670	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.340%	

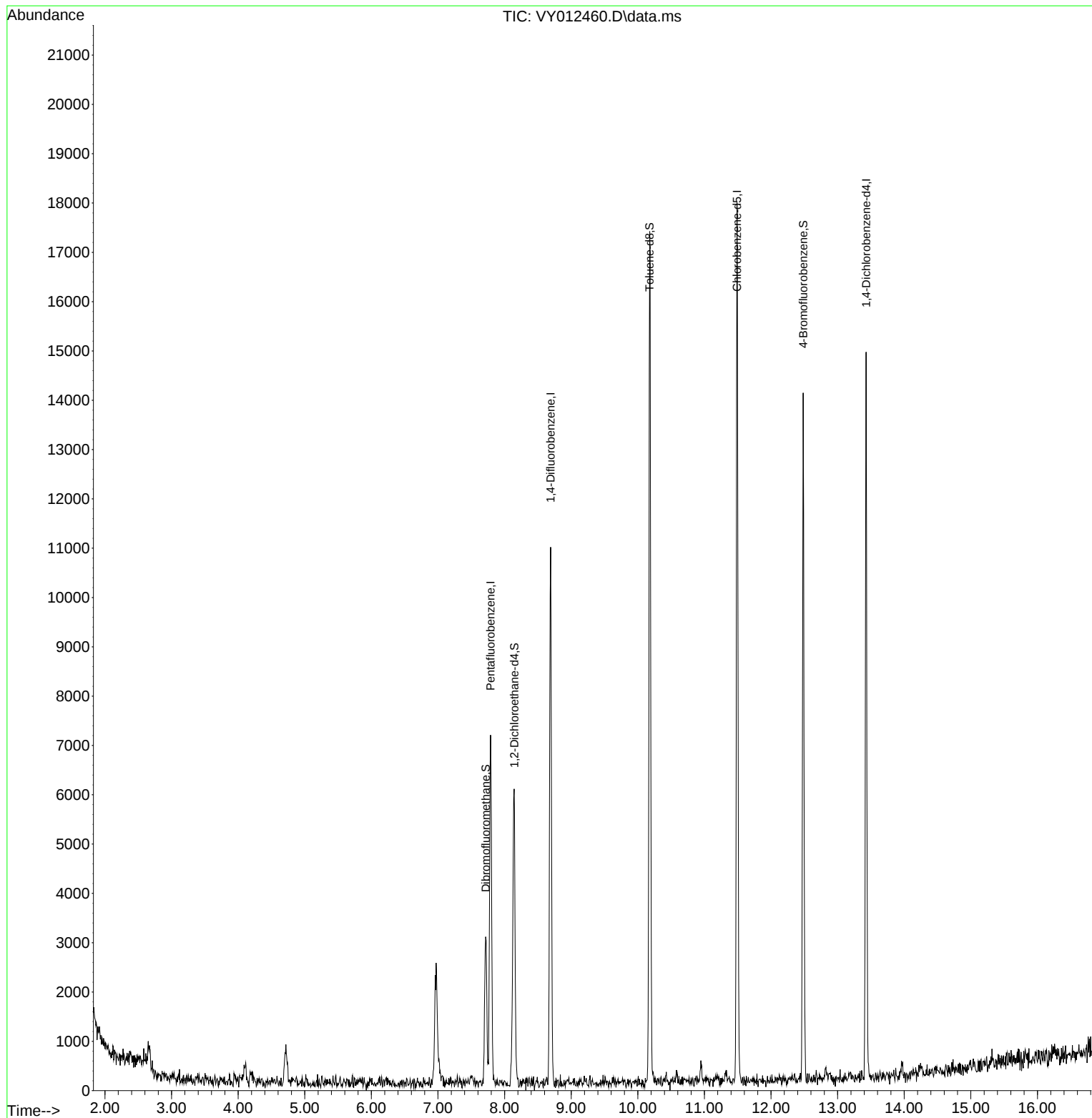
Target Compounds	Qvalue

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

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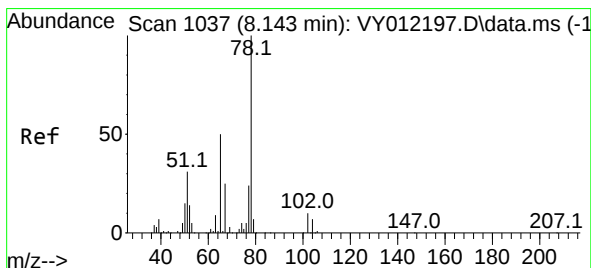
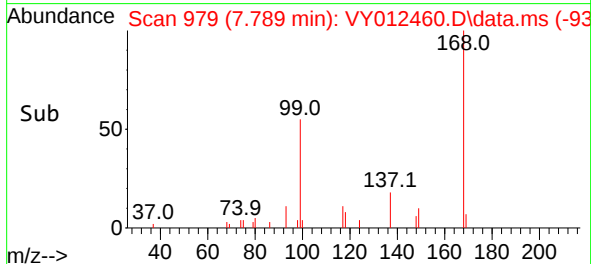
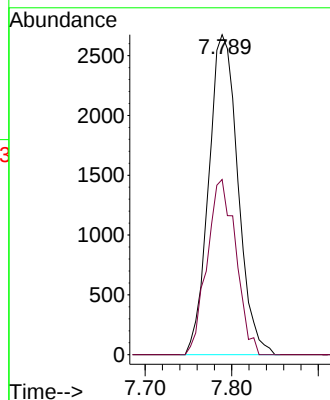
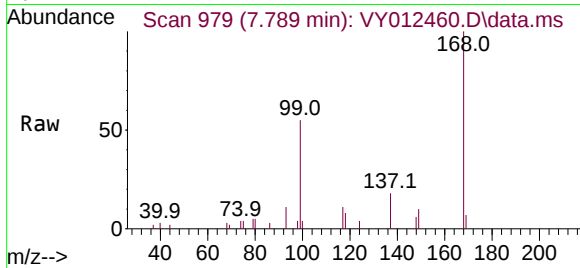




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

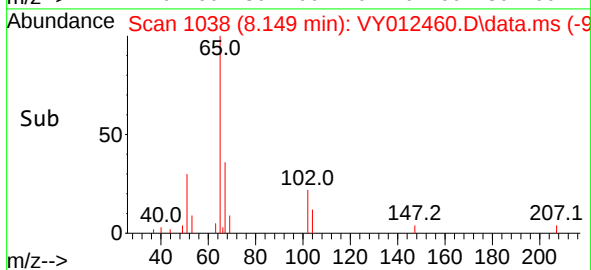
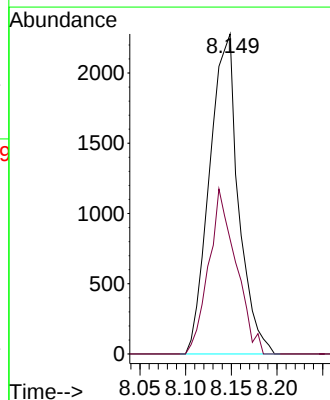
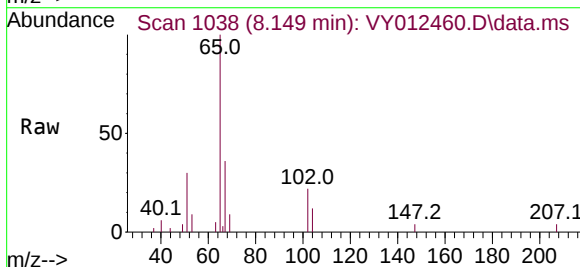
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-2

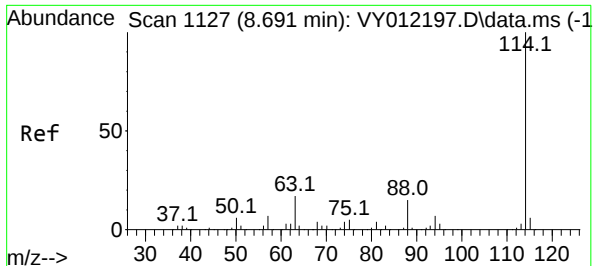
Tgt Ion:168 Resp: 6271
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 100.594 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

Tgt Ion: 65 Resp: 5022
Ion Ratio Lower Upper
65 100
67 48.7 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: VY012460.D

Acq: 02 Feb 2023 17:01

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILE-2

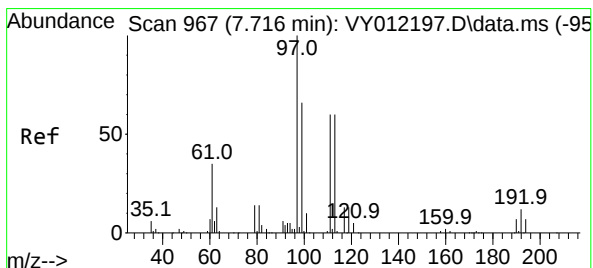
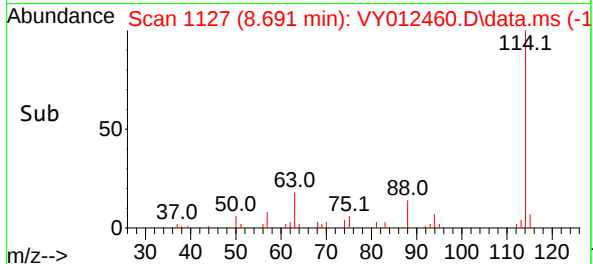
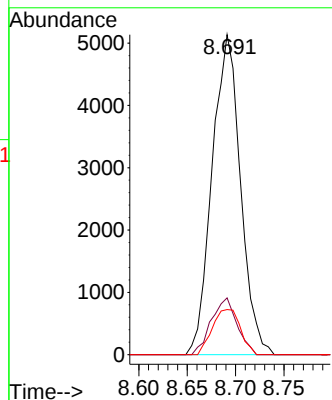
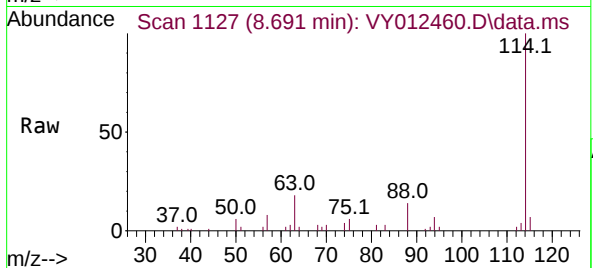
Tgt Ion:114 Resp: 10484

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 14.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 38.279 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012460.D

Acq: 02 Feb 2023 17:01

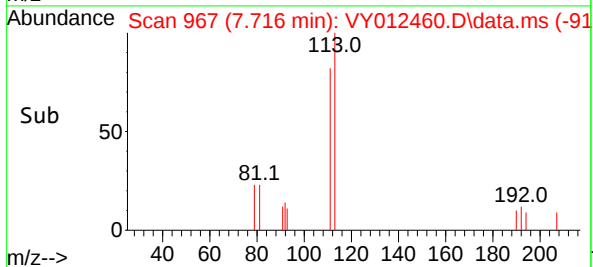
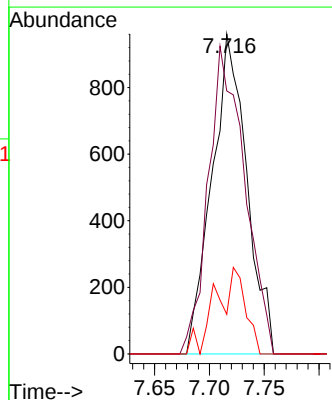
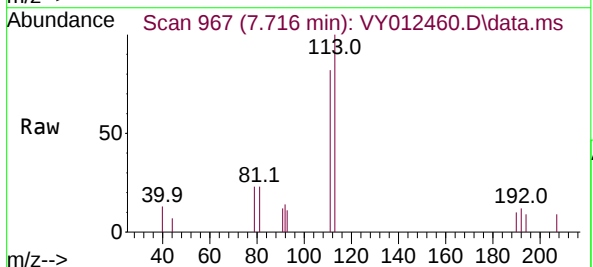
Tgt Ion:113 Resp: 2125

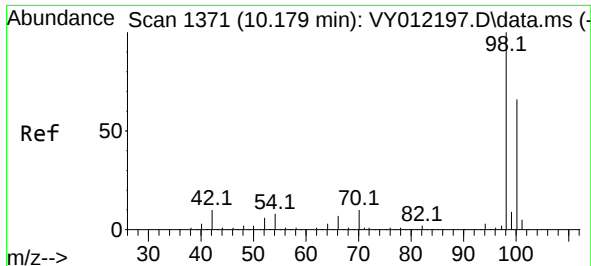
Ion Ratio Lower Upper

113 100

111 100.0 83.0 124.4

192 23.0 16.0 24.0

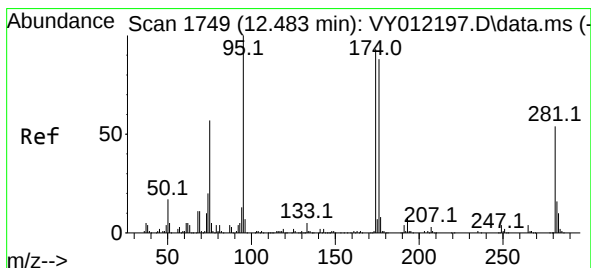
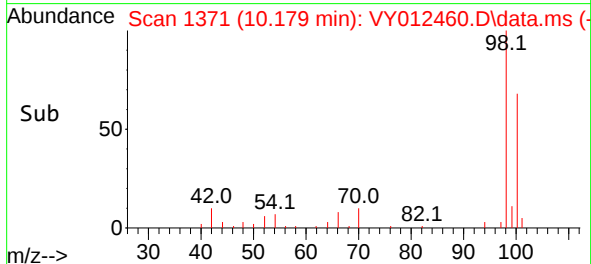
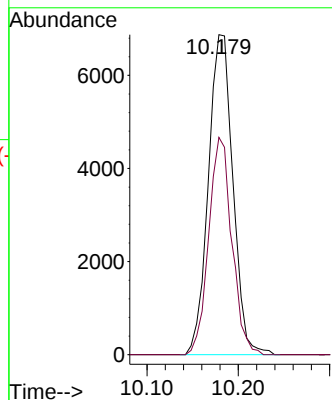
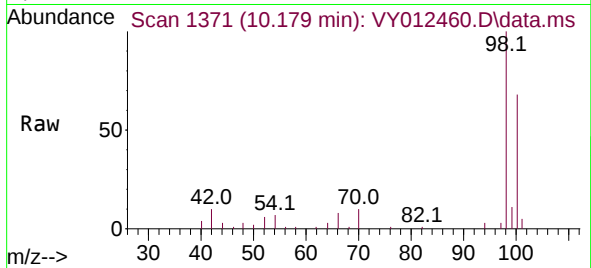




#50
Toluene-d8
Concen: 68.260 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

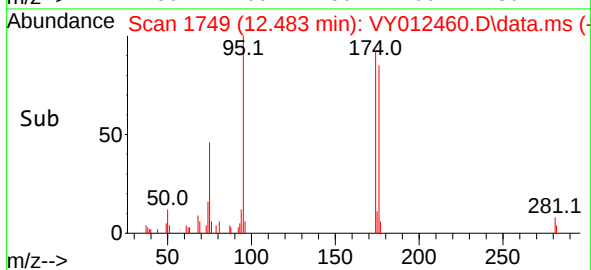
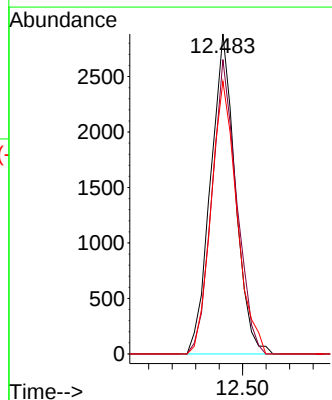
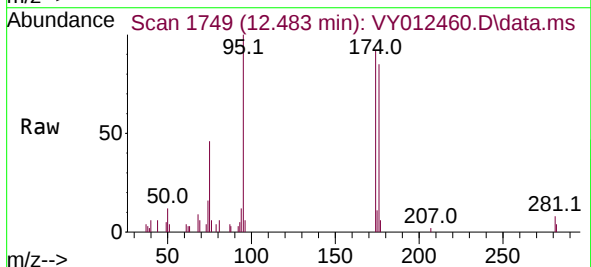
Instrument :
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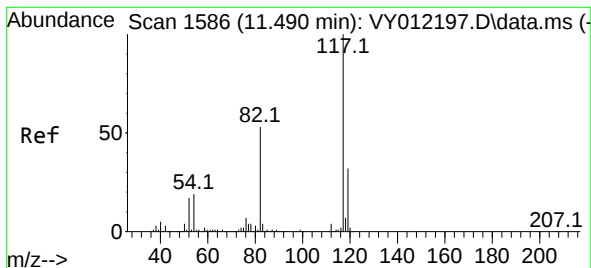
Tgt Ion: 98 Resp: 12825
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.670 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

Tgt Ion: 95 Resp: 4200
Ion Ratio Lower Upper
95 100
174 92.2 0.0 172.0
176 88.9 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: VY012460.D

Acq: 02 Feb 2023 17:01

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILE-2

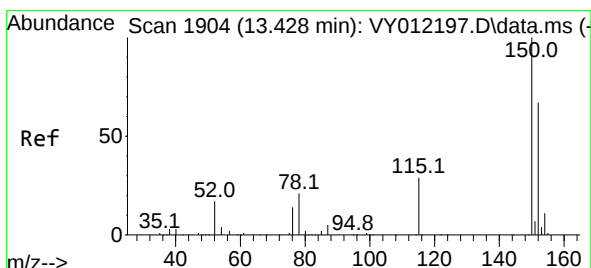
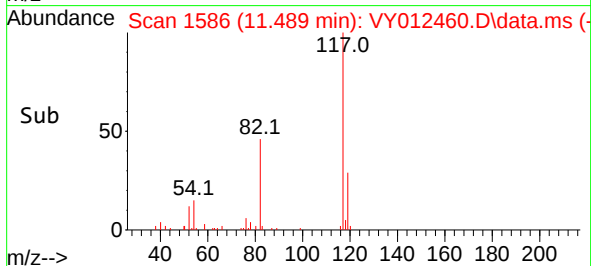
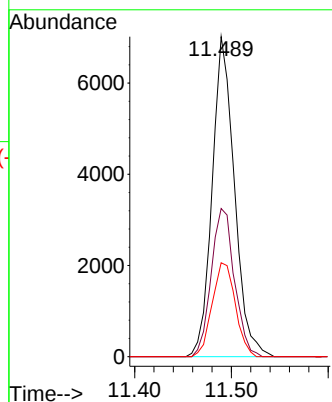
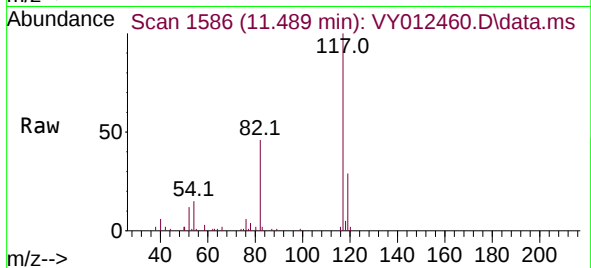
Tgt Ion:117 Resp: 11213

Ion Ratio Lower Upper

117 100

82 46.3 44.8 67.2

119 29.3 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: VY012460.D

Acq: 02 Feb 2023 17:01

Tgt Ion:152 Resp: 4242

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 157.7 0.0 342.6

