

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012139.D
 Acq On : 10 Jan 2023 14:09
 Operator : KP/MD
 Sample : 01089-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-1-010923

Quant Time: Jan 11 03:09:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	39489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	65982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	63951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28132	63.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.800%
35) Dibromofluoromethane	7.722	113	21360	49.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.500%
50) Toluene-d8	10.179	98	78674	45.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.920%
62) 4-Bromofluorobenzene	12.483	95	25105	41.958	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.920%

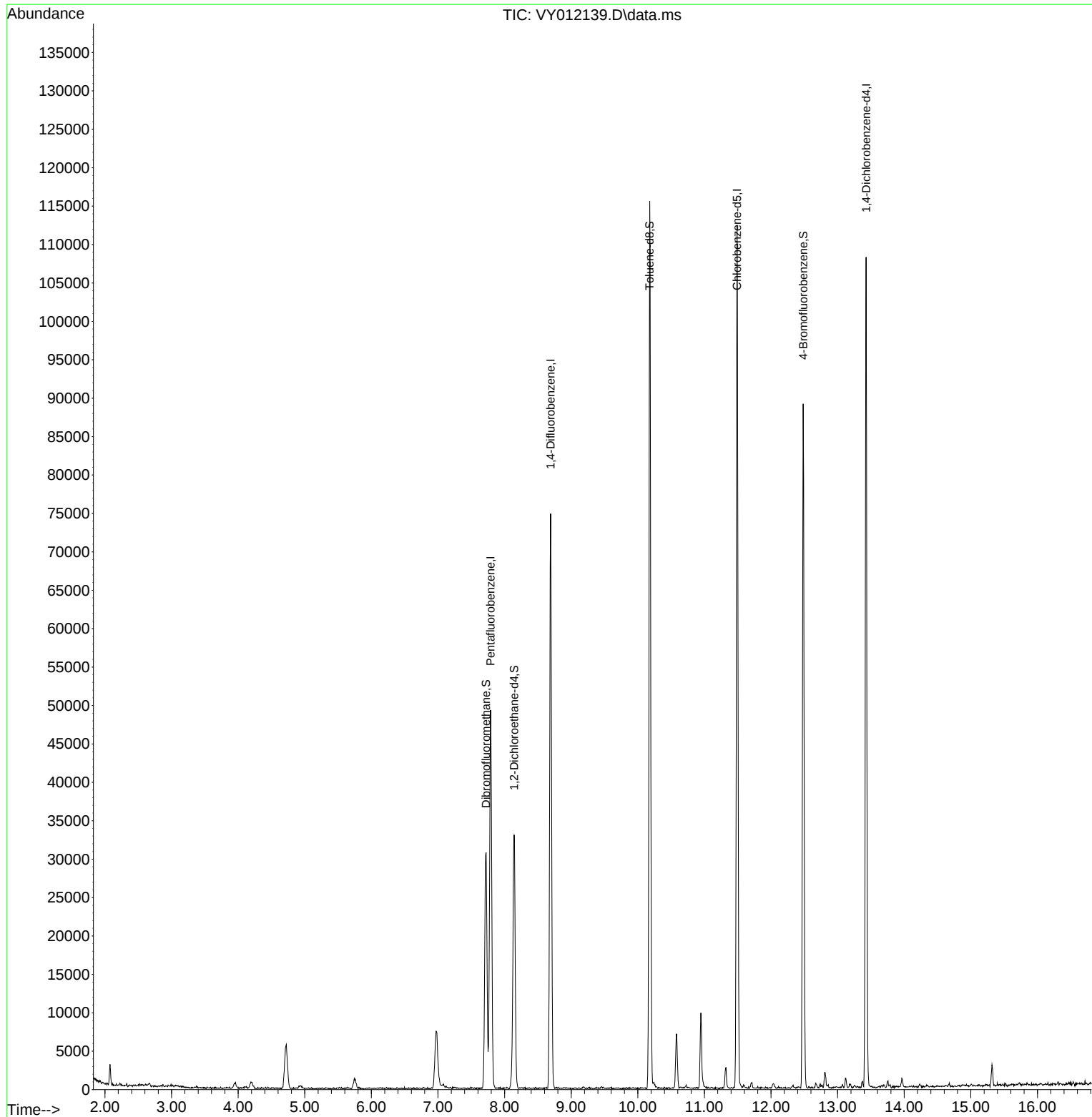
Target Compounds	Qvalue

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

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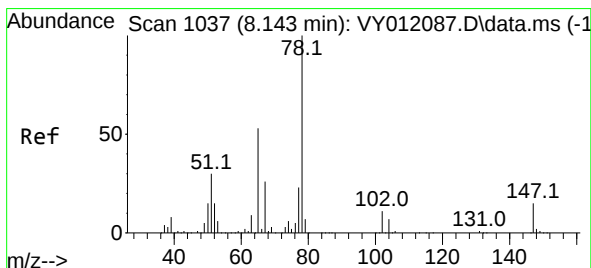
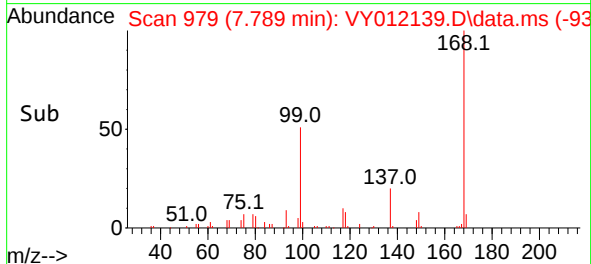
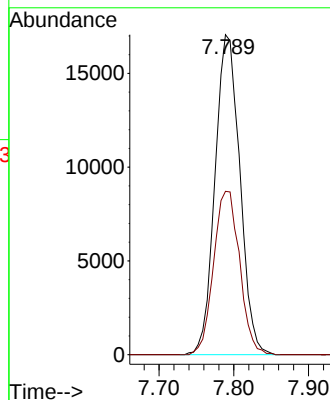
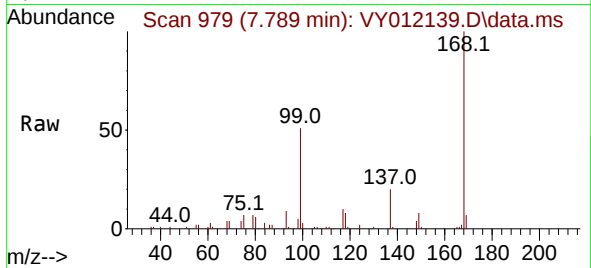




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

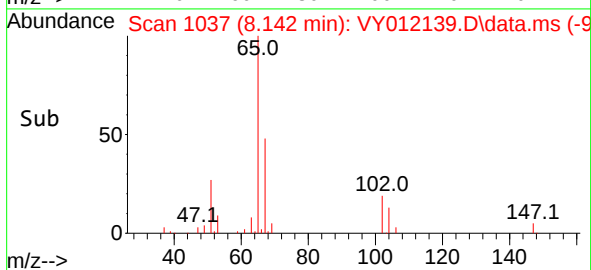
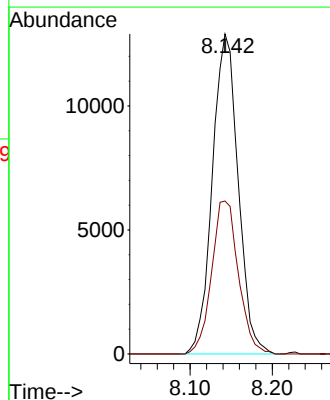
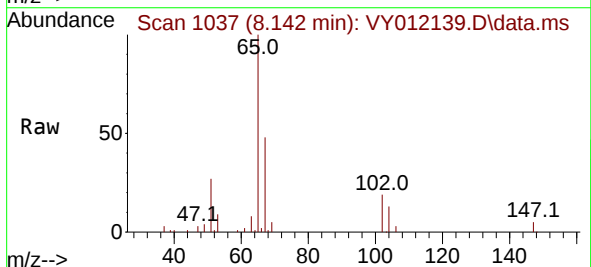
Instrument :
MSVOA_Y
ClientSampleId :
PL-1-010923

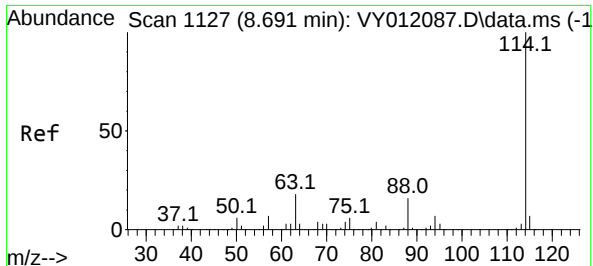
Tgt Ion:168 Resp: 39489
Ion Ratio Lower Upper
168 100
99 51.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 63.400 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 65 Resp: 28132
Ion Ratio Lower Upper
65 100
67 49.6 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: VY012139.D

Acq: 10 Jan 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

PL-1-010923

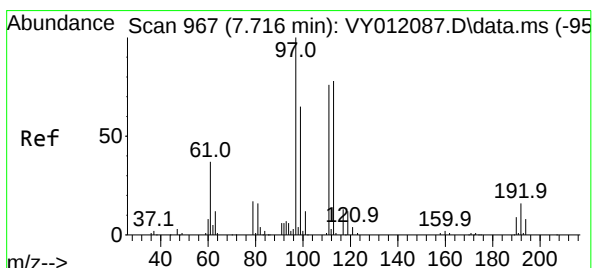
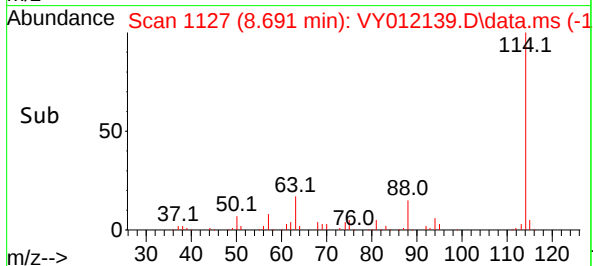
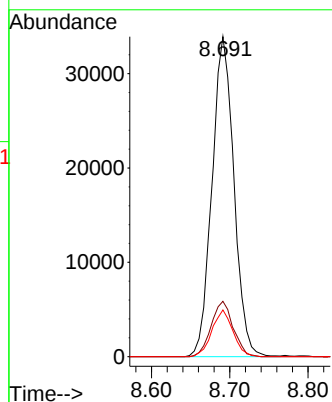
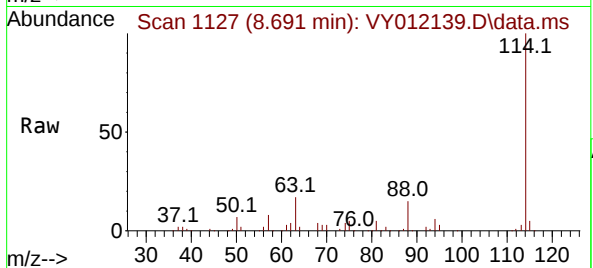
Tgt Ion:114 Resp: 65982

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 14.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.252 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012139.D

Acq: 10 Jan 2023 14:09

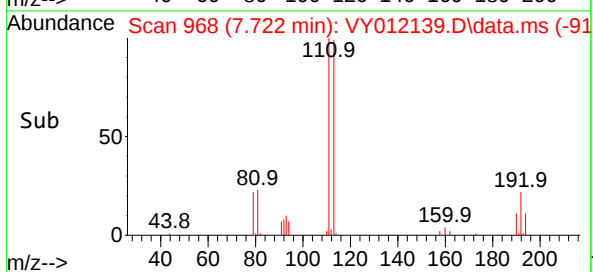
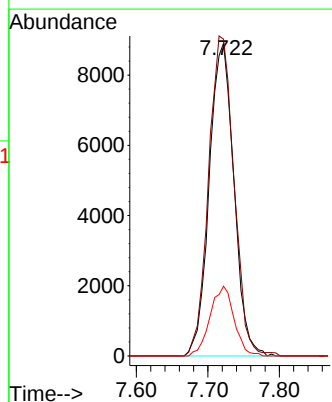
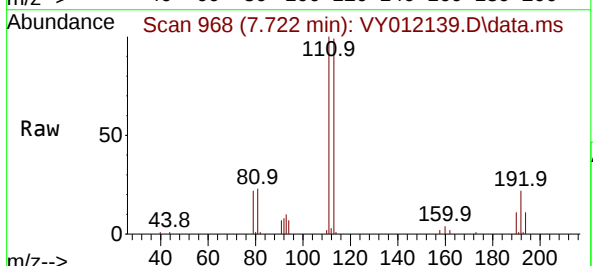
Tgt Ion:113 Resp: 21360

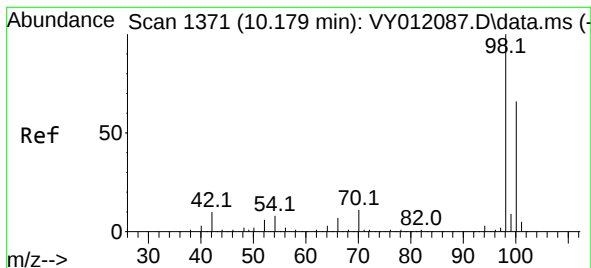
Ion Ratio Lower Upper

113 100

111 105.0 83.0 124.4

192 21.7 16.0 24.0

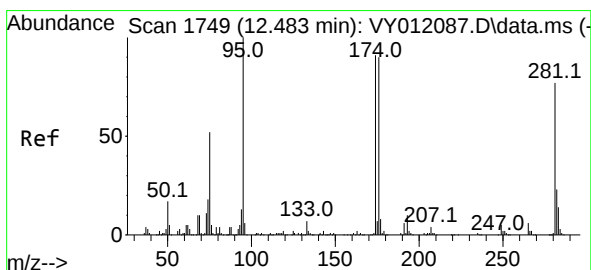
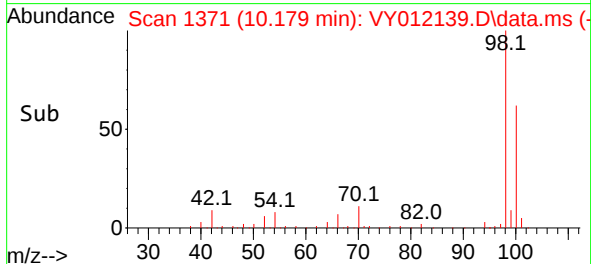
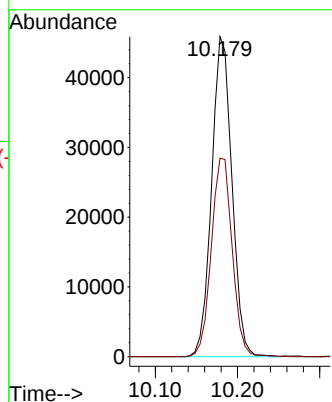
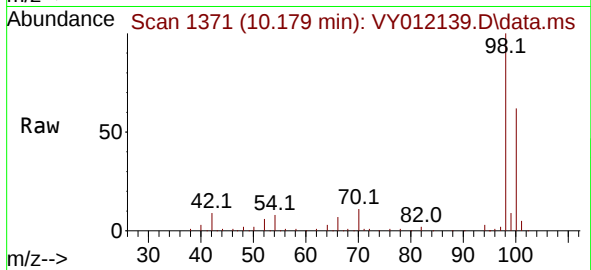




#50
Toluene-d8
Concen: 45.960 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

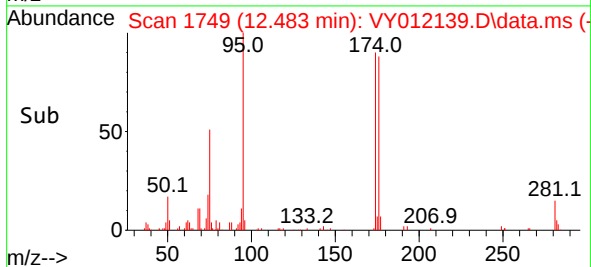
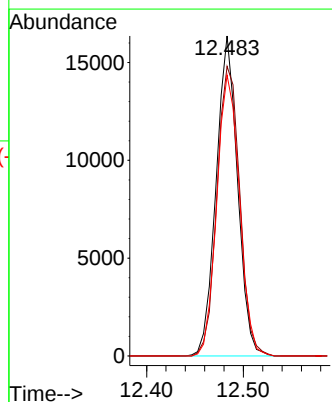
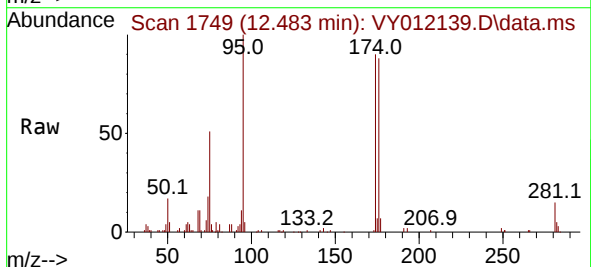
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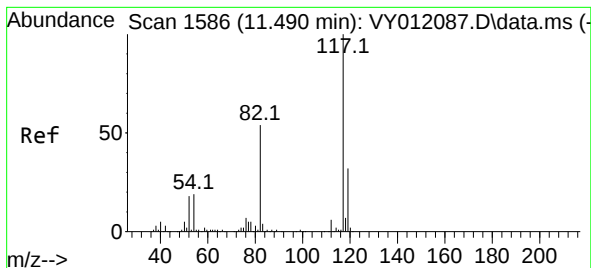
Tgt Ion: 98 Resp: 78674
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.958 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 95 Resp: 25105
Ion Ratio Lower Upper
95 100
174 96.3 0.0 172.0
176 92.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012139.D

Acq: 10 Jan 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

PL-1-010923

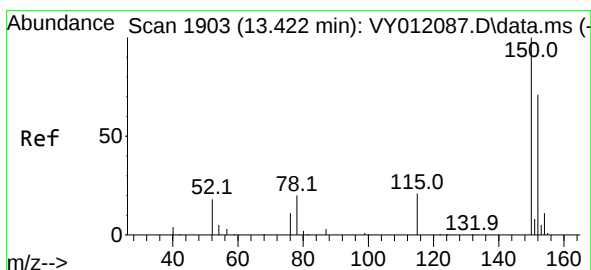
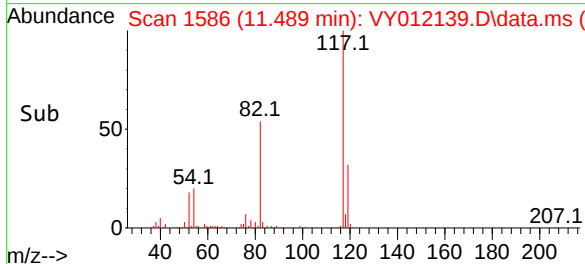
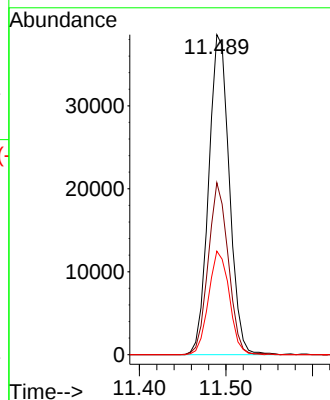
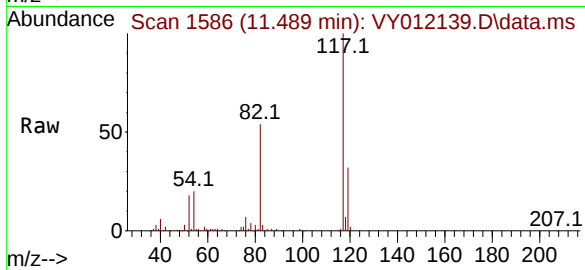
Tgt Ion:117 Resp: 63951

Ion Ratio Lower Upper

117 100

82 53.7 44.8 67.2

119 32.3 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: VY012139.D

Acq: 10 Jan 2023 14:09

Tgt Ion:152 Resp: 29744

Ion Ratio Lower Upper

152 100

115 56.0 29.1 87.3

150 157.7 0.0 342.6

