

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013839.D
 Acq On : 24 May 2023 12:28
 Operator : KP/MD
 Sample : VY0524SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBL01

Quant Time: May 25 07:07:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	226692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	367572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	322239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141689	54.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.060%
35) Dibromofluoromethane	7.716	113	122874	51.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.520%
50) Toluene-d8	10.179	98	427271	47.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.483	95	135516	45.188	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.380%

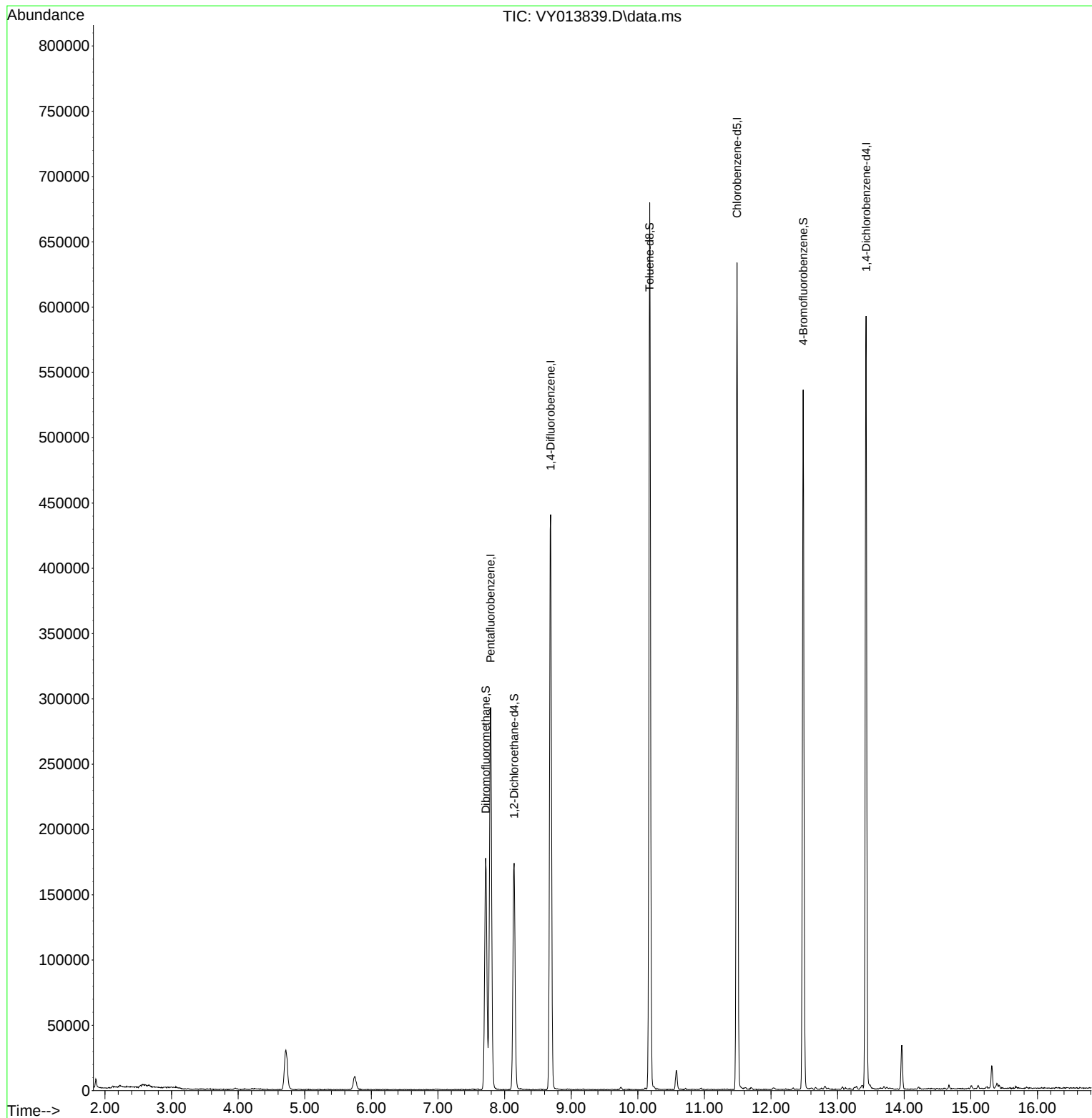
Target Compounds	Qvalue

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

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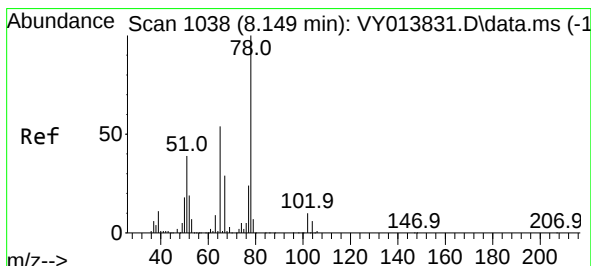
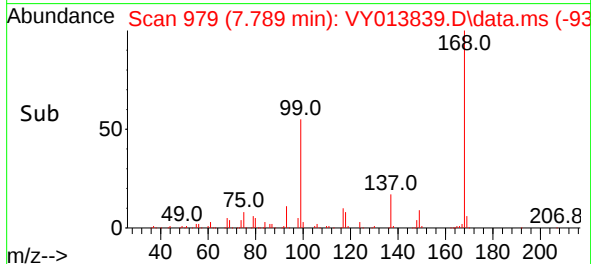
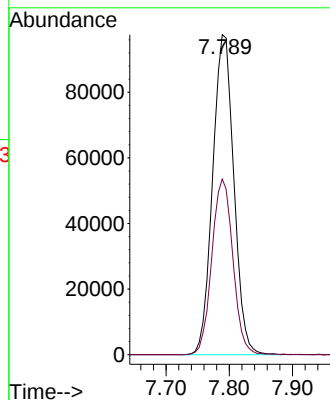
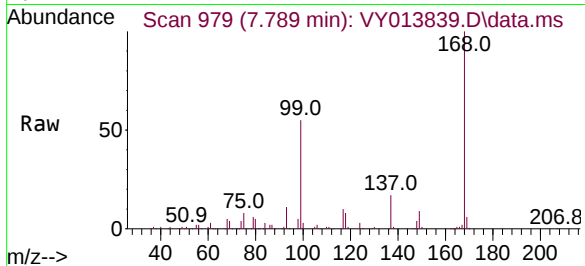




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

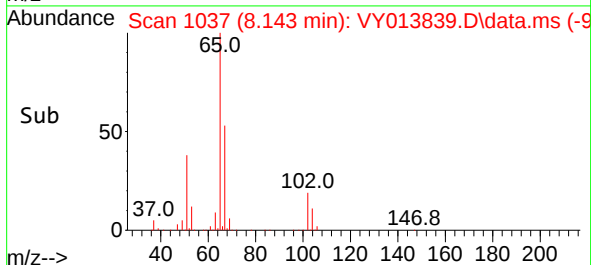
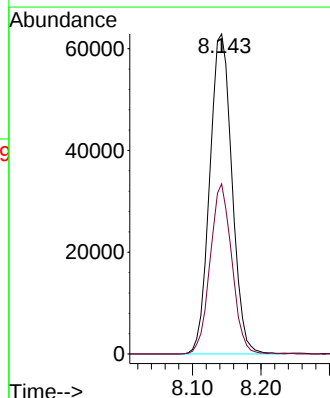
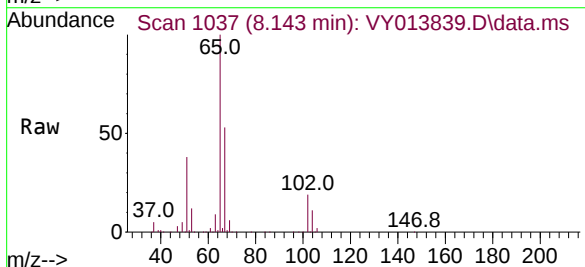
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBL01

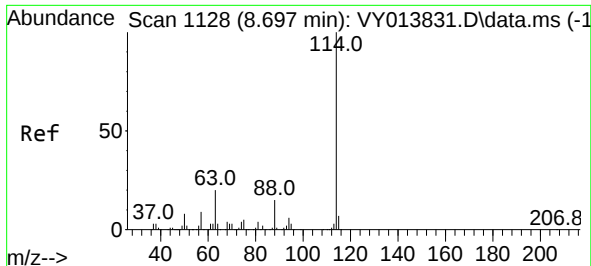
Tgt Ion:168 Resp: 226692
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 54.026 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Tgt Ion: 65 Resp: 141689
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.4

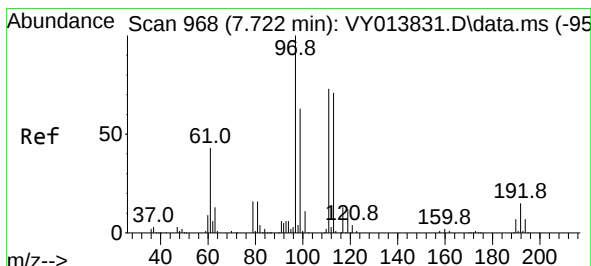
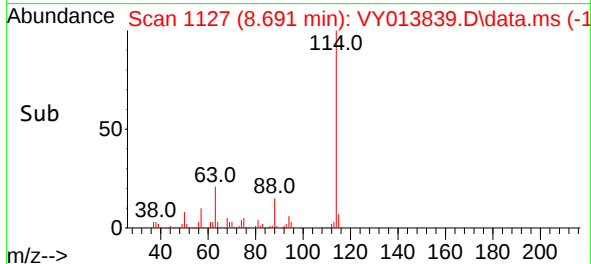
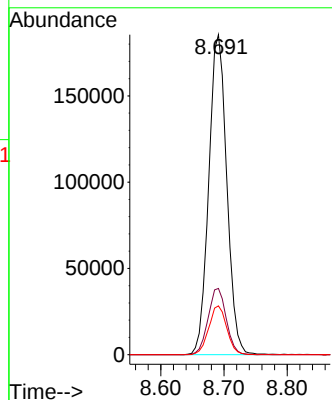
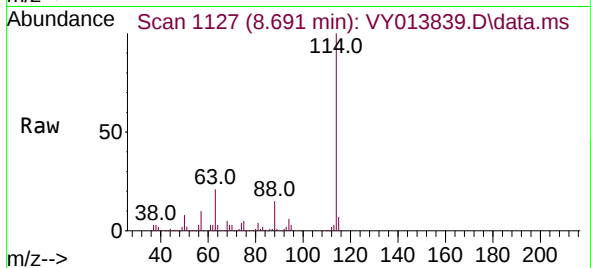




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

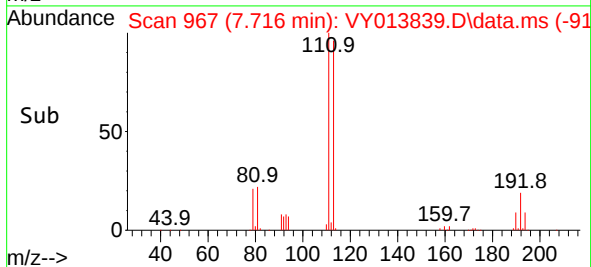
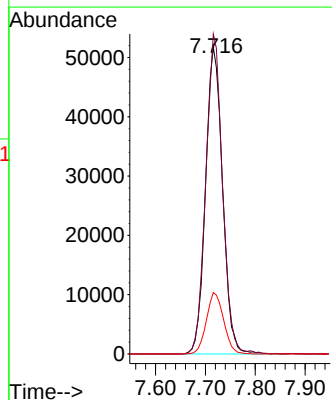
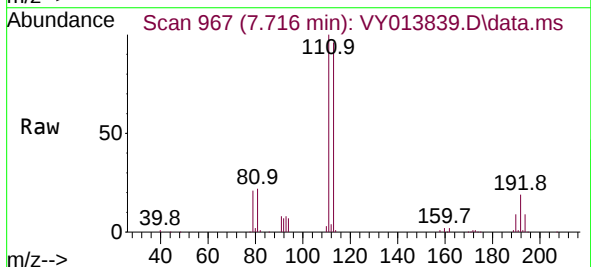
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ClientSampleId :
VY0524SBL01

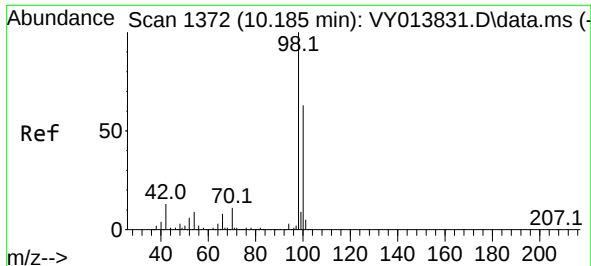
Tgt Ion:114 Resp: 367572
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.2
88 15.3 0.0 30.0



#35
Dibromofluoromethane
Concen: 51.763 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Tgt Ion:113 Resp: 122874
Ion Ratio Lower Upper
113 100
111 102.4 80.4 120.6
192 20.3 16.6 25.0

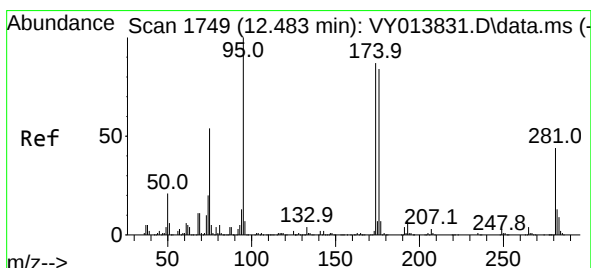
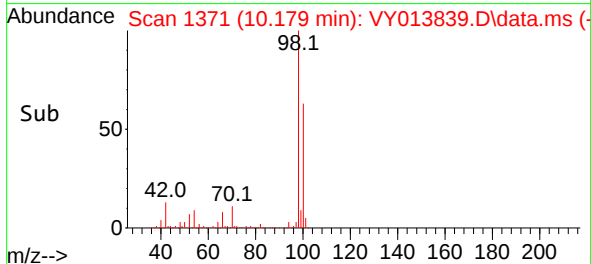
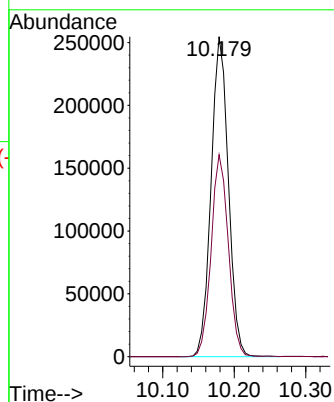
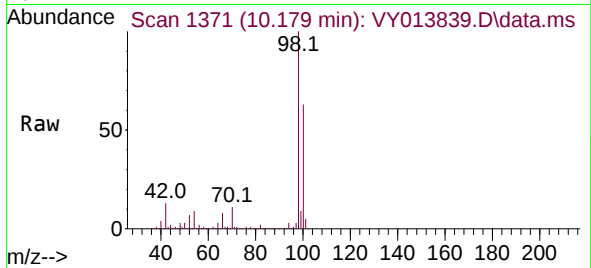




#50
Toluene-d8
Concen: 47.359 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

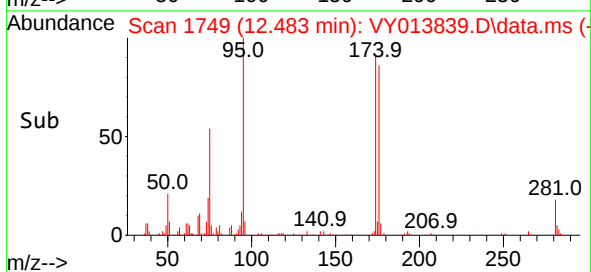
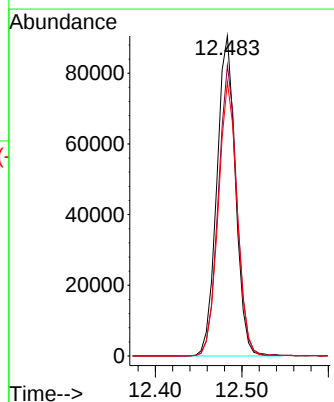
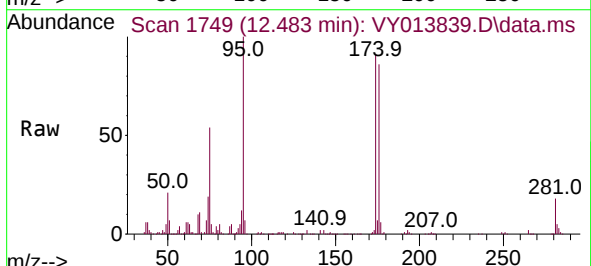
Instrument :
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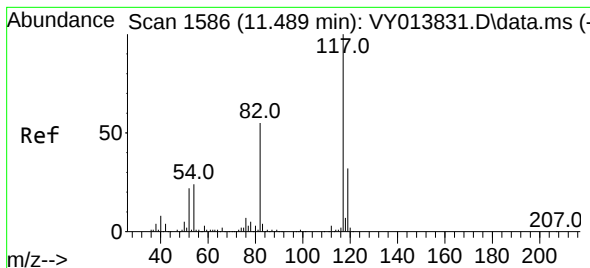
Tgt Ion: 98 Resp: 427271
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 45.188 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Tgt Ion: 95 Resp: 135516
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.0
176 86.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013839.D

Acq: 24 May 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBL01

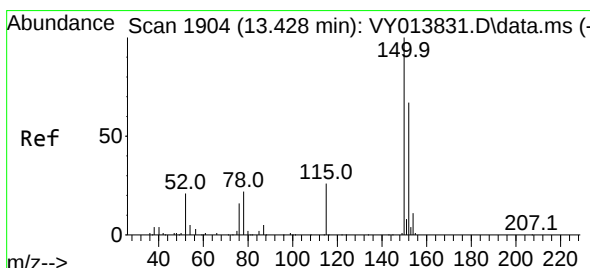
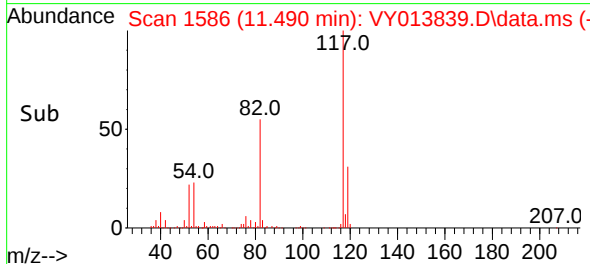
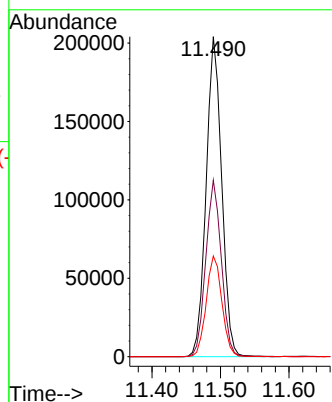
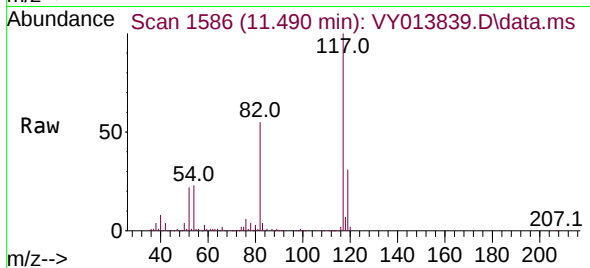
Tgt Ion:117 Resp: 322239

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.4

119 31.5 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013839.D

Acq: 24 May 2023 12:28

Tgt Ion:152 Resp: 150128

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 157.3 0.0 353.4

