

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017076.D
 Acq On : 22 Jan 2024 15:29
 Operator : SY/MD
 Sample : P1207-04
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EC68-BUT

Quant Time: Jan 23 01:46:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	95849	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	204826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	195371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	44818	47.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.620%
35) Dibromofluoromethane	7.740	113	49077	37.600	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.200%
50) Toluene-d8	10.197	98	180061	40.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.120%
62) 4-Bromofluorobenzene	12.495	95	56197	37.059	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.120%

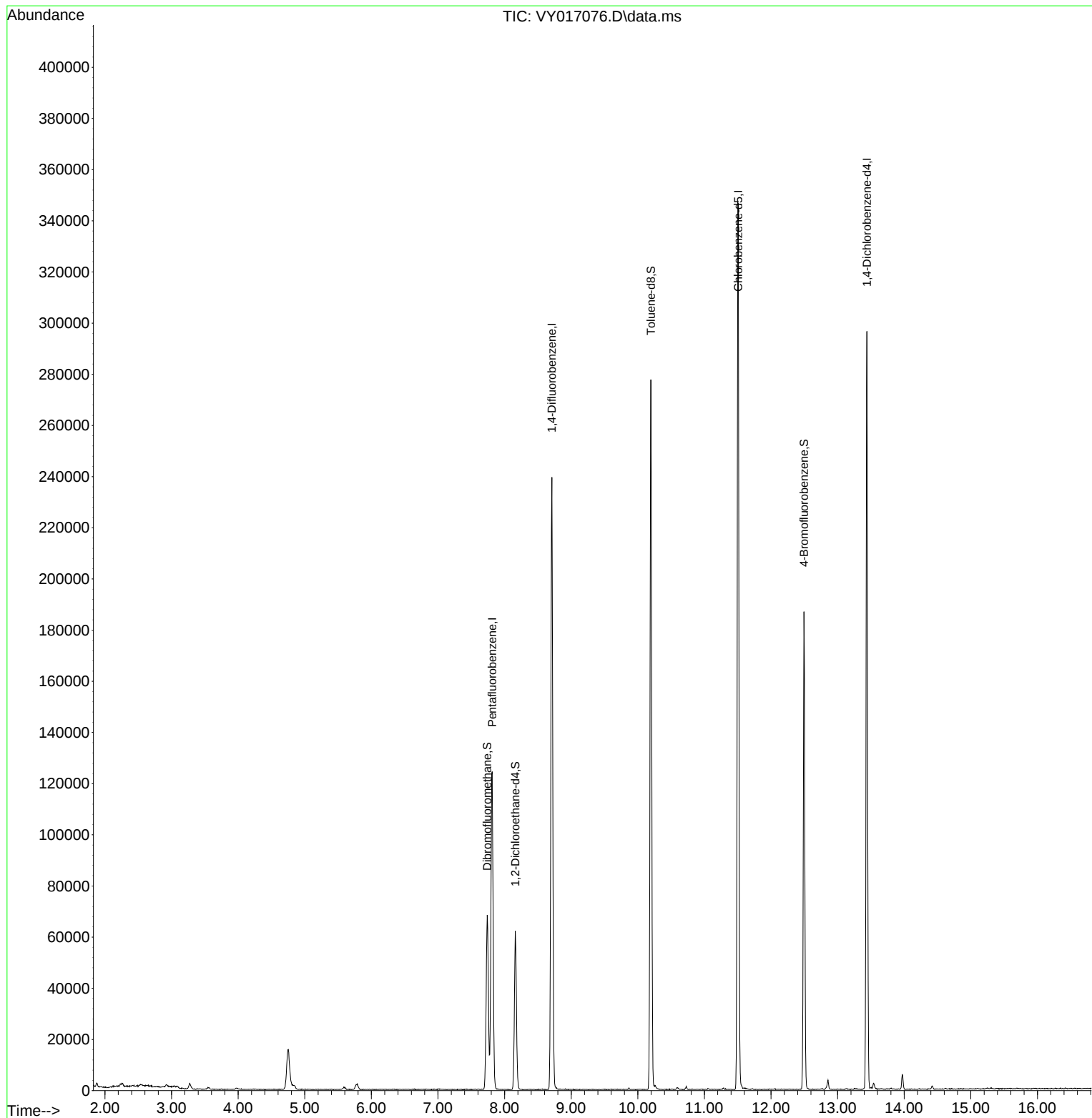
Target Compounds	Qvalue

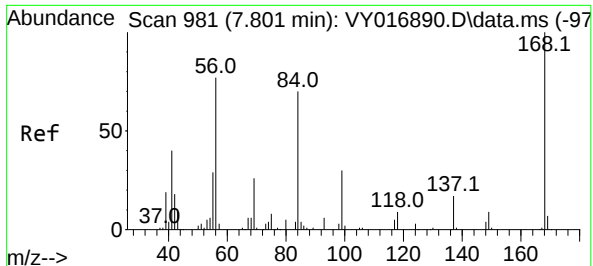
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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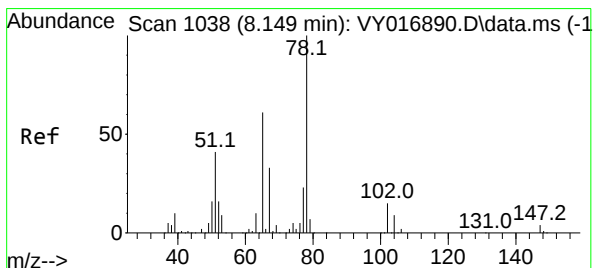
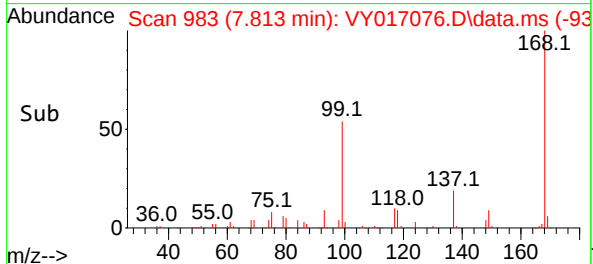
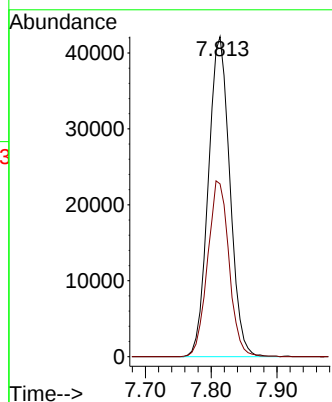
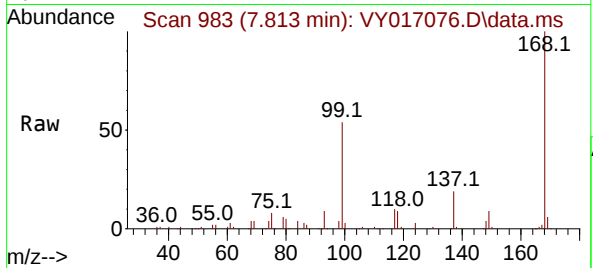




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

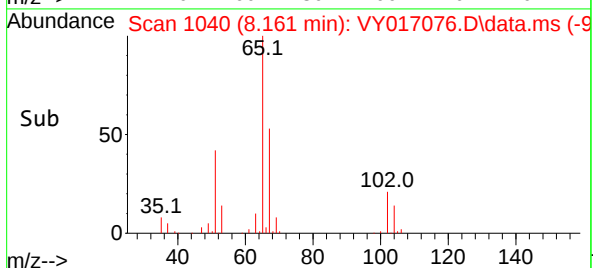
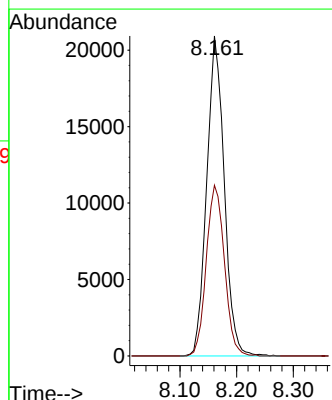
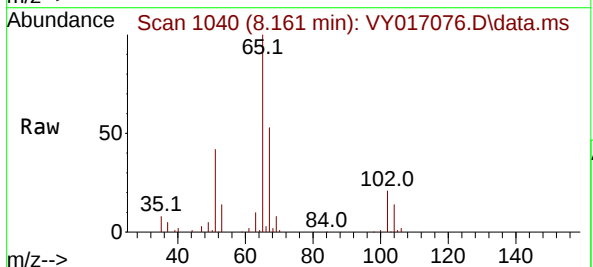
Instrument :
MSVOA_Y
ClientSampleId :
EC68-BUT

Tgt Ion:168 Resp: 95849
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.310 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

Tgt Ion: 65 Resp: 44818
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY017076.D

Acq: 22 Jan 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

EC68-BUT

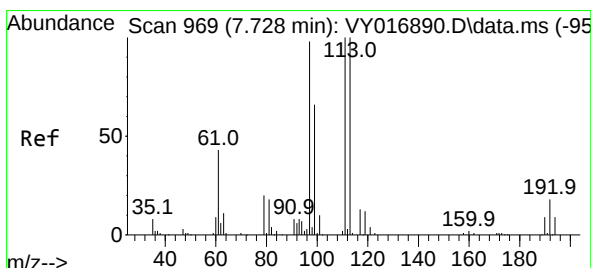
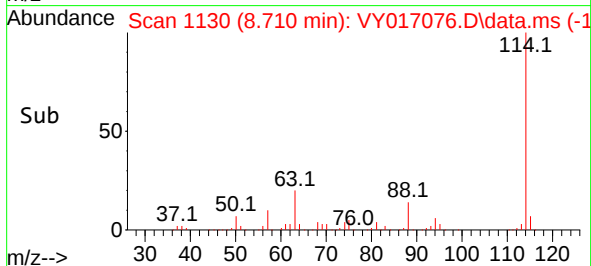
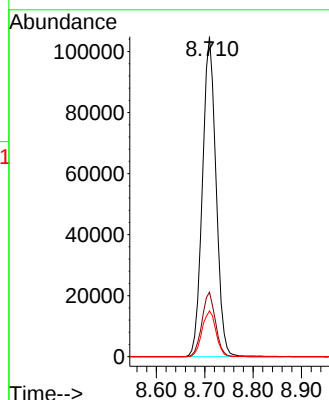
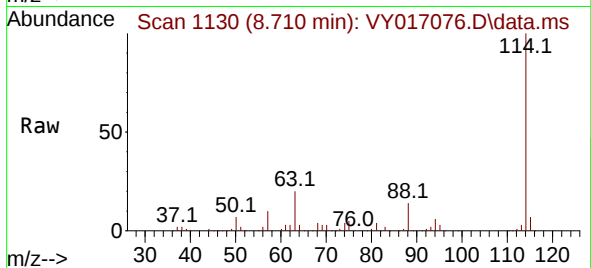
Tgt Ion:114 Resp: 204826

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.600 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017076.D

Acq: 22 Jan 2024 15:29

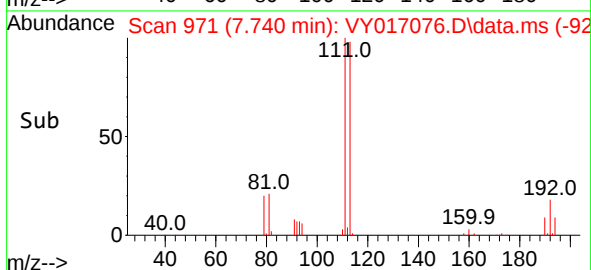
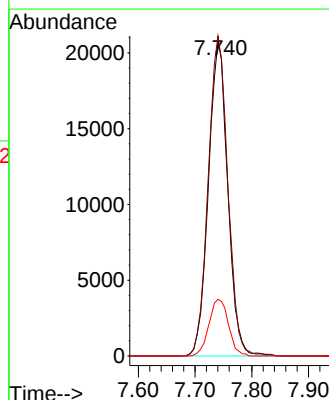
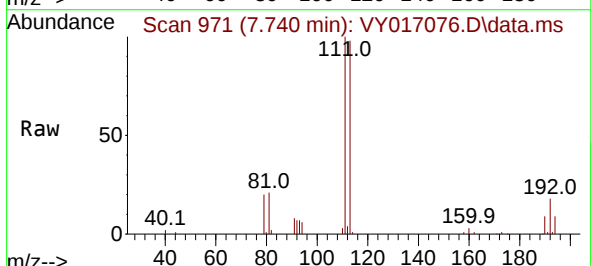
Tgt Ion:113 Resp: 49077

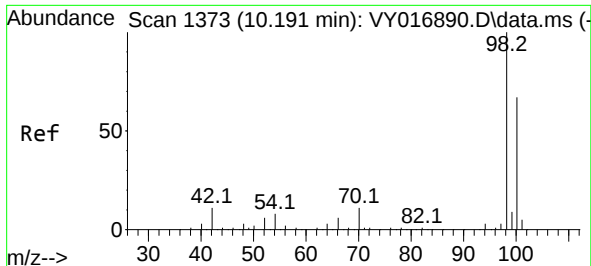
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.2 14.5 21.7

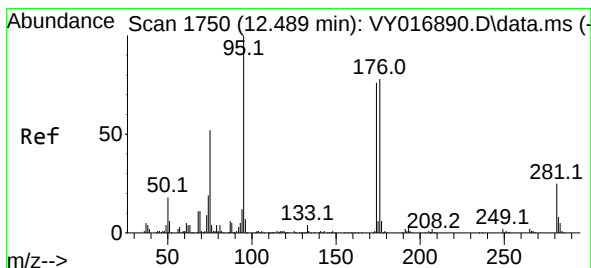
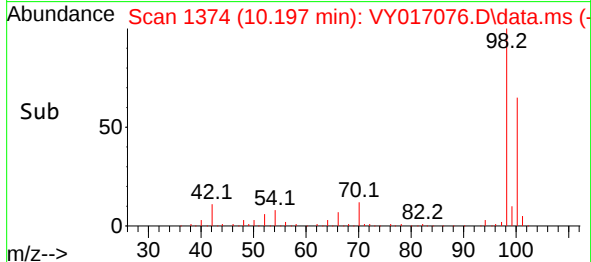
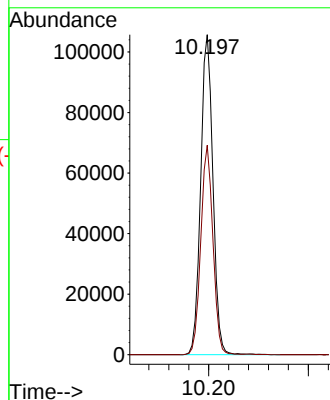
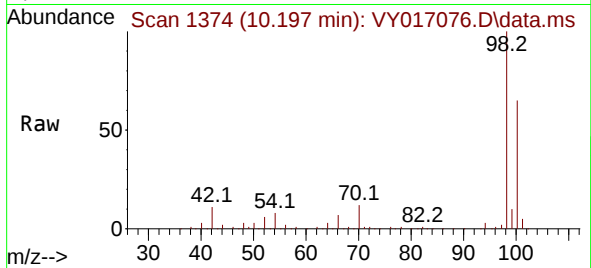




#50
Toluene-d8
Concen: 40.062 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

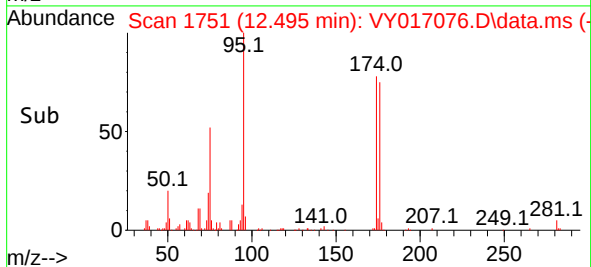
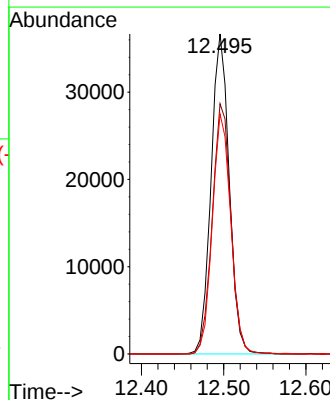
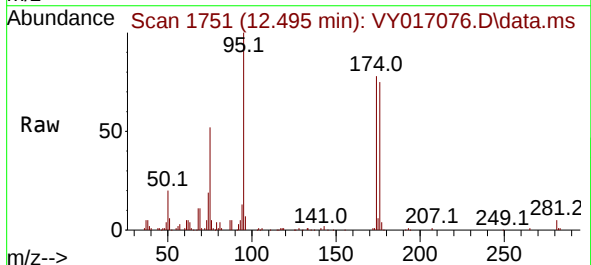
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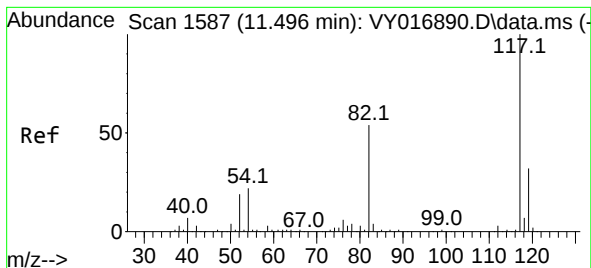
Tgt Ion: 98 Resp: 180061
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.059 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

Tgt Ion: 95 Resp: 56197
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.0
176 76.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017076.D

Acq: 22 Jan 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

EC68-BUT

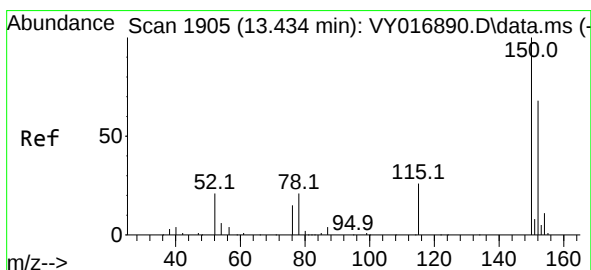
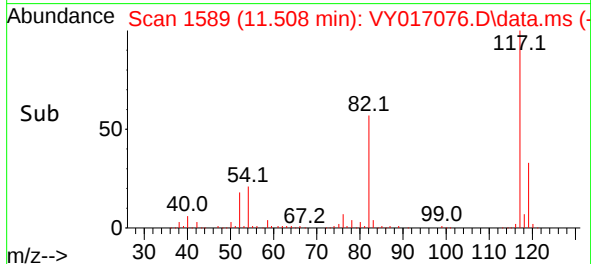
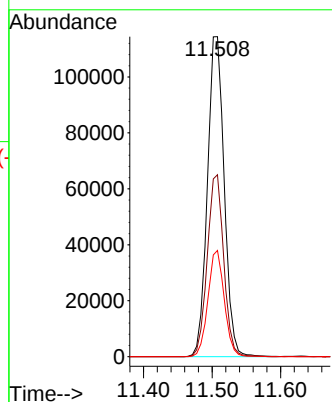
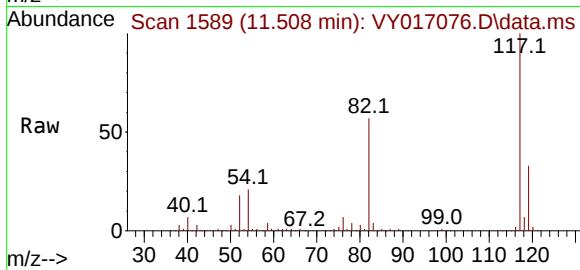
Tgt Ion:117 Resp: 195371

Ion Ratio Lower Upper

117 100

82 56.8 43.8 65.8

119 33.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017076.D

Acq: 22 Jan 2024 15:29

Tgt Ion:152 Resp: 72492

Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

150 160.6 0.0 344.6

