

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011118.D
 Acq On : 26 Oct 2022 15:57
 Operator : KP/MD
 Sample : N5281-07
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Oct 27 04:39:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	74343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	127932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	108815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37470	54.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.440%
35) Dibromofluoromethane	7.709	113	35577	49.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.179	98	93710	35.081	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.160%
62) 4-Bromofluorobenzene	12.477	95	29124	29.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.040%

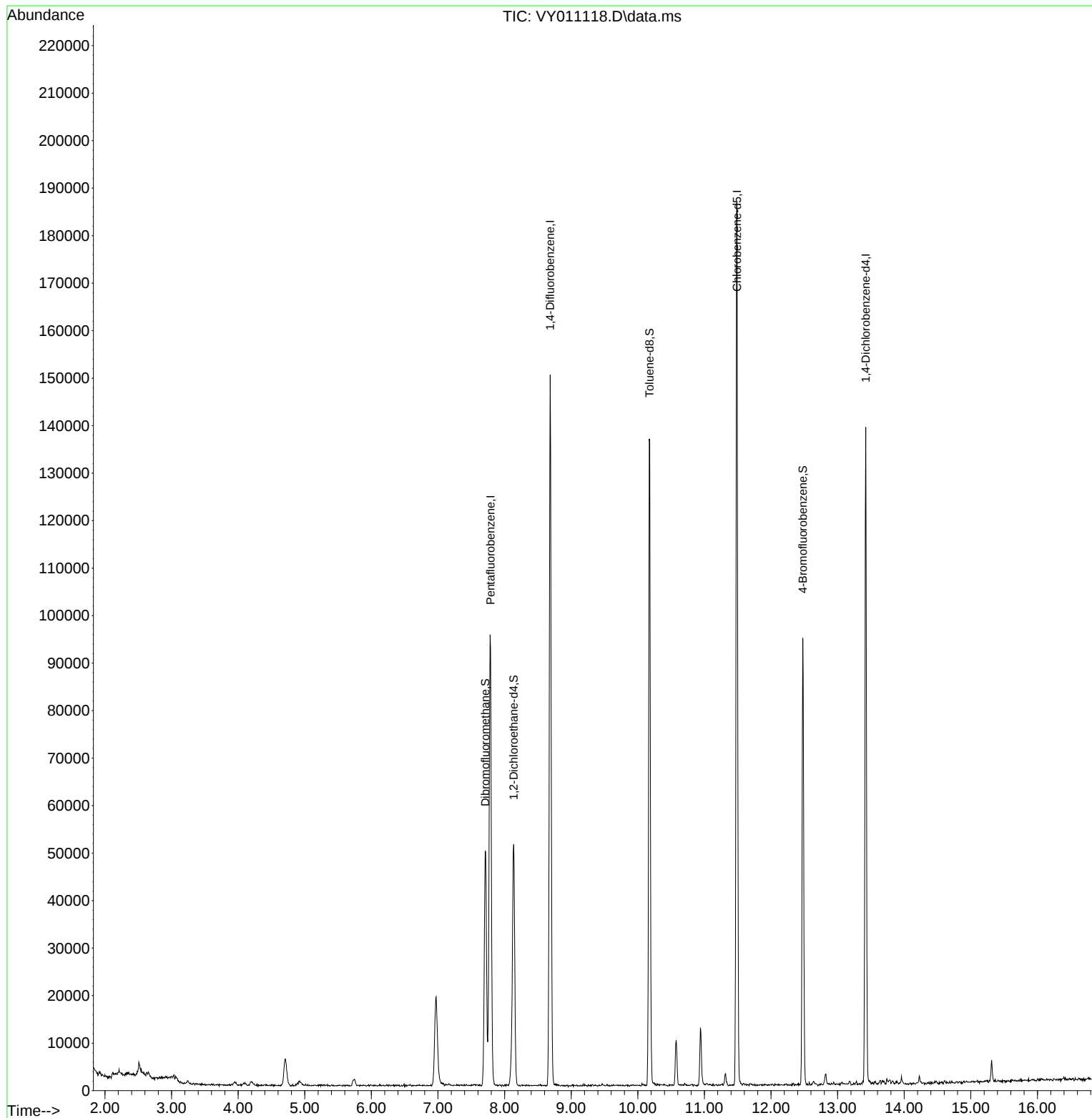
Target Compounds	Qvalue

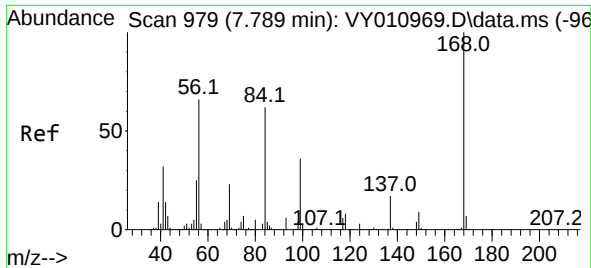
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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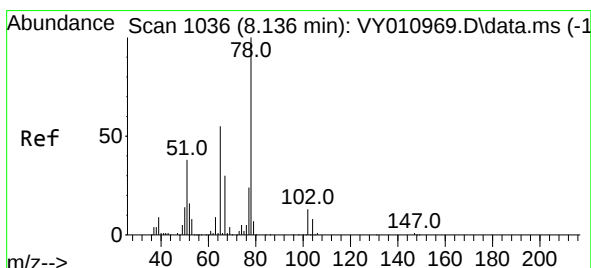
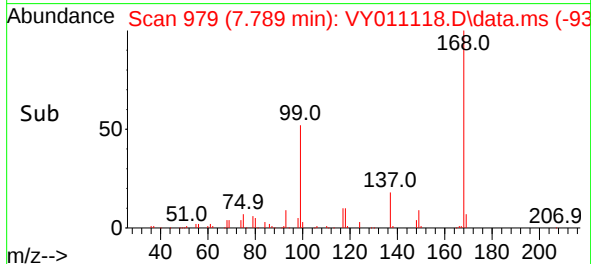
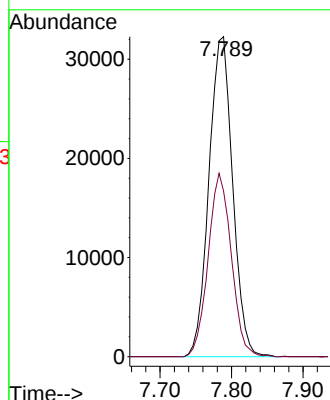
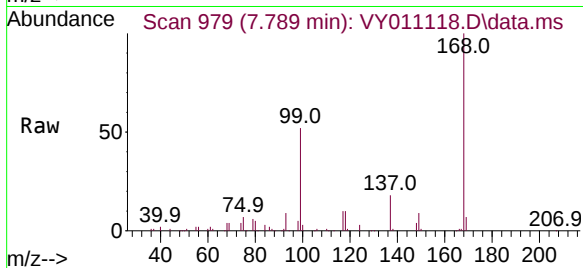




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

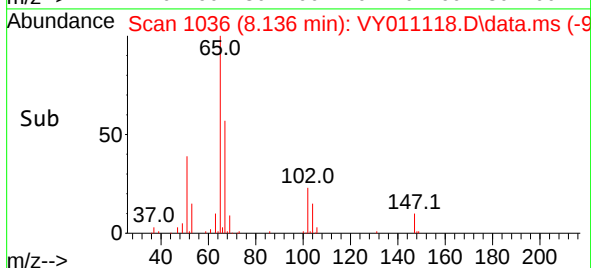
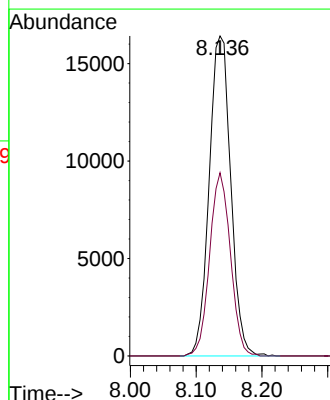
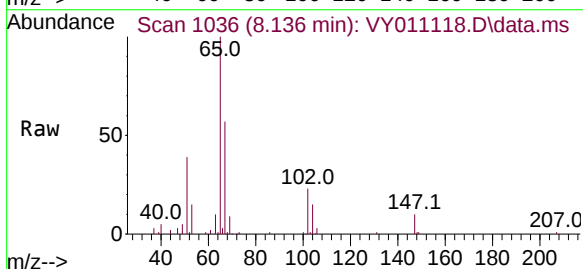
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

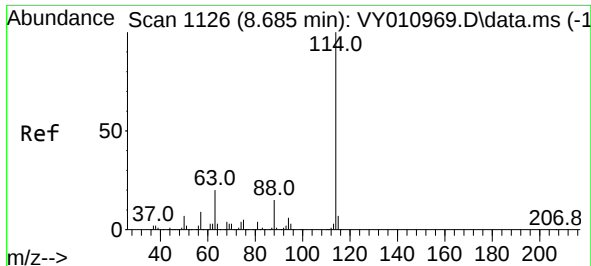
Tgt Ion:168 Resp: 74343
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.716 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Tgt Ion: 65 Resp: 37470
Ion Ratio Lower Upper
65 100
67 55.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY011118.D

Acq: 26 Oct 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

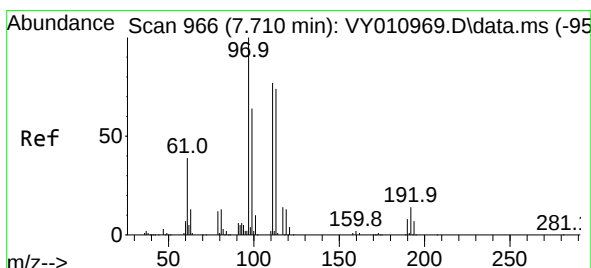
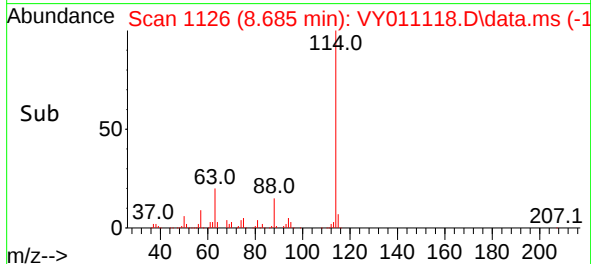
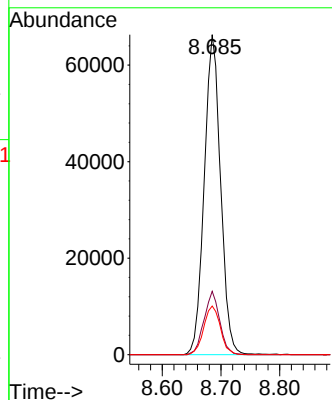
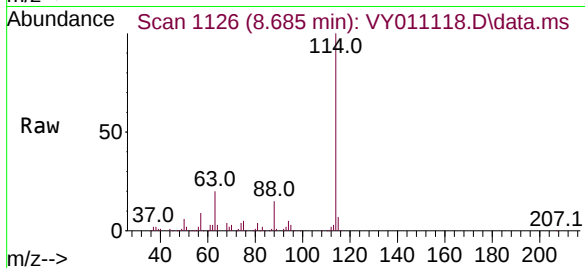
Tgt Ion:114 Resp: 127932

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.884 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY011118.D

Acq: 26 Oct 2022 15:57

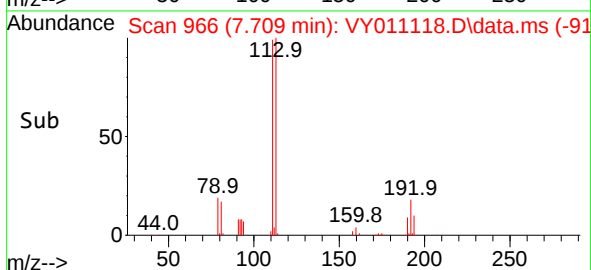
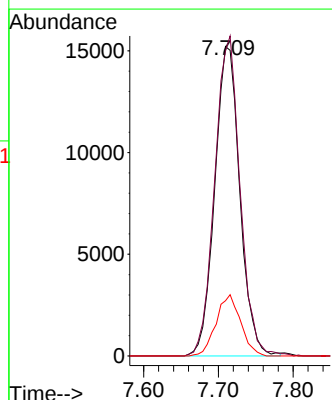
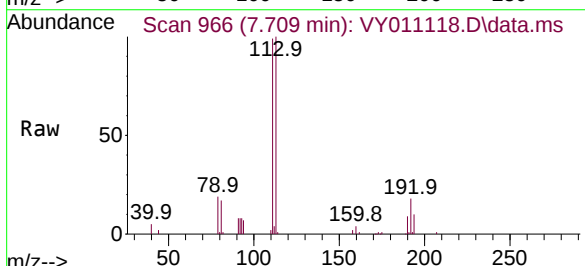
Tgt Ion:113 Resp: 35577

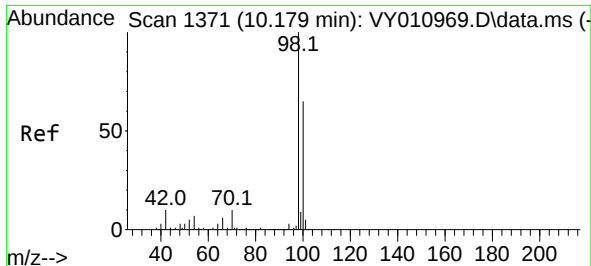
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 19.4 17.6 26.4

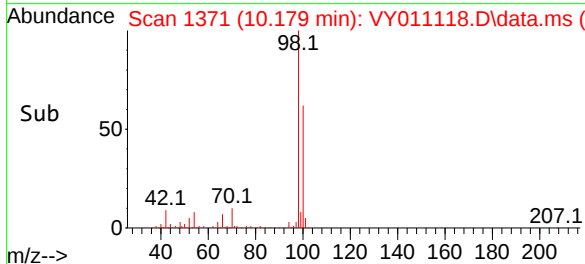
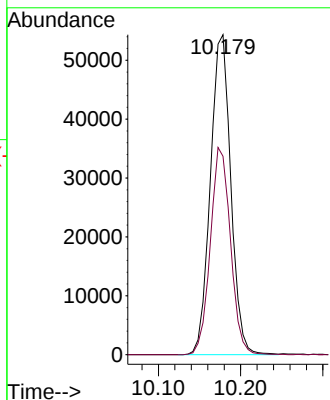
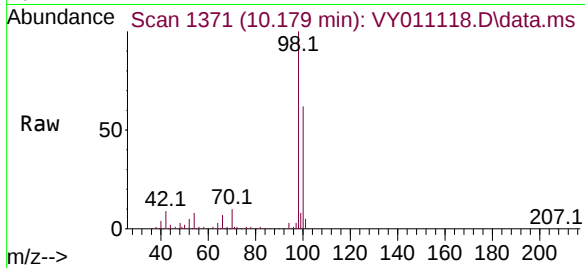




#50
Toluene-d8
Concen: 35.081 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

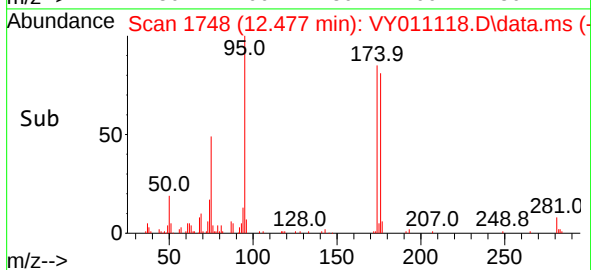
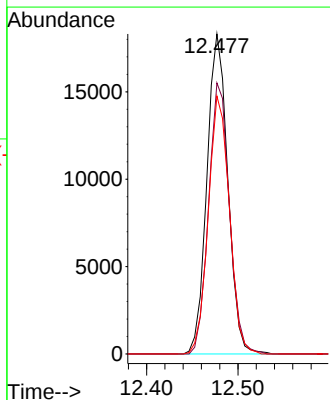
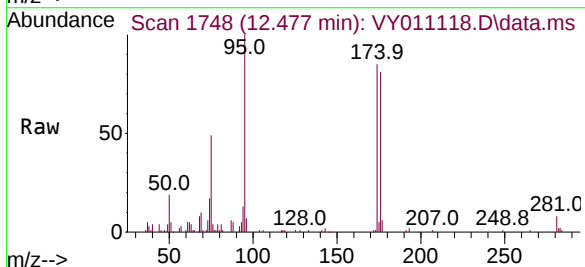
Instrument :
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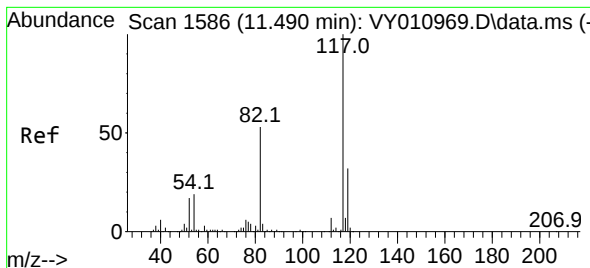
Tgt Ion: 98 Resp: 93710
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.521 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Tgt Ion: 95 Resp: 29124
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011118.D

Acq: 26 Oct 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

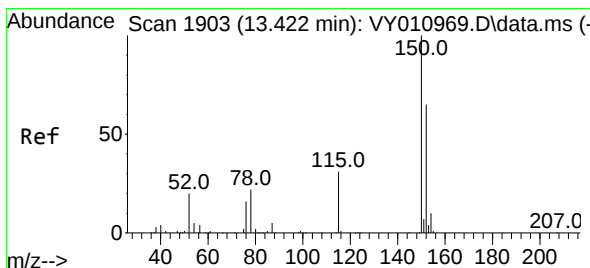
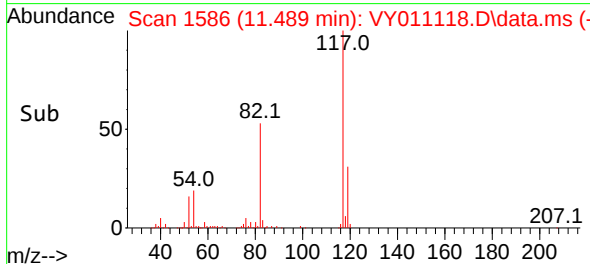
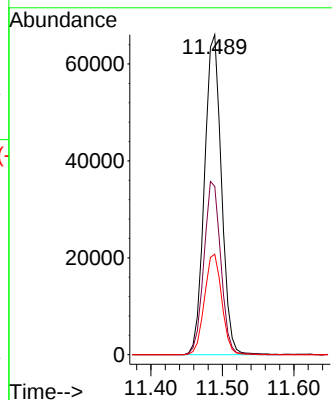
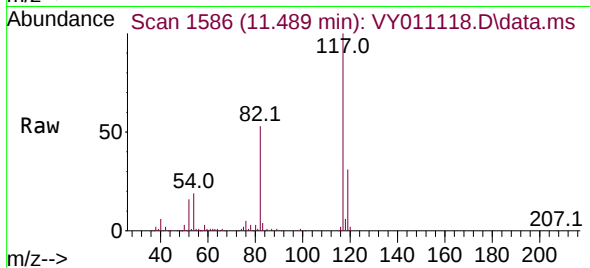
Tgt Ion:117 Resp: 108815

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.4

119 31.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY011118.D

Acq: 26 Oct 2022 15:57

Tgt Ion:152 Resp: 37026

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 154.4 0.0 347.6

