

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011039.D
 Acq On : 21 Oct 2022 10:55
 Operator : KP/MD
 Sample : VY1021SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBL01

Quant Time: Oct 22 01:20:53 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	7.795	168	273583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	453484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	400350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	122621	48.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.320%
35) Dibromofluoromethane	7.716	113	126062	49.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%
50) Toluene-d8	10.179	98	422209	44.590	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.180%
62) 4-Bromofluorobenzene	12.483	95	153295	45.422	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.840%

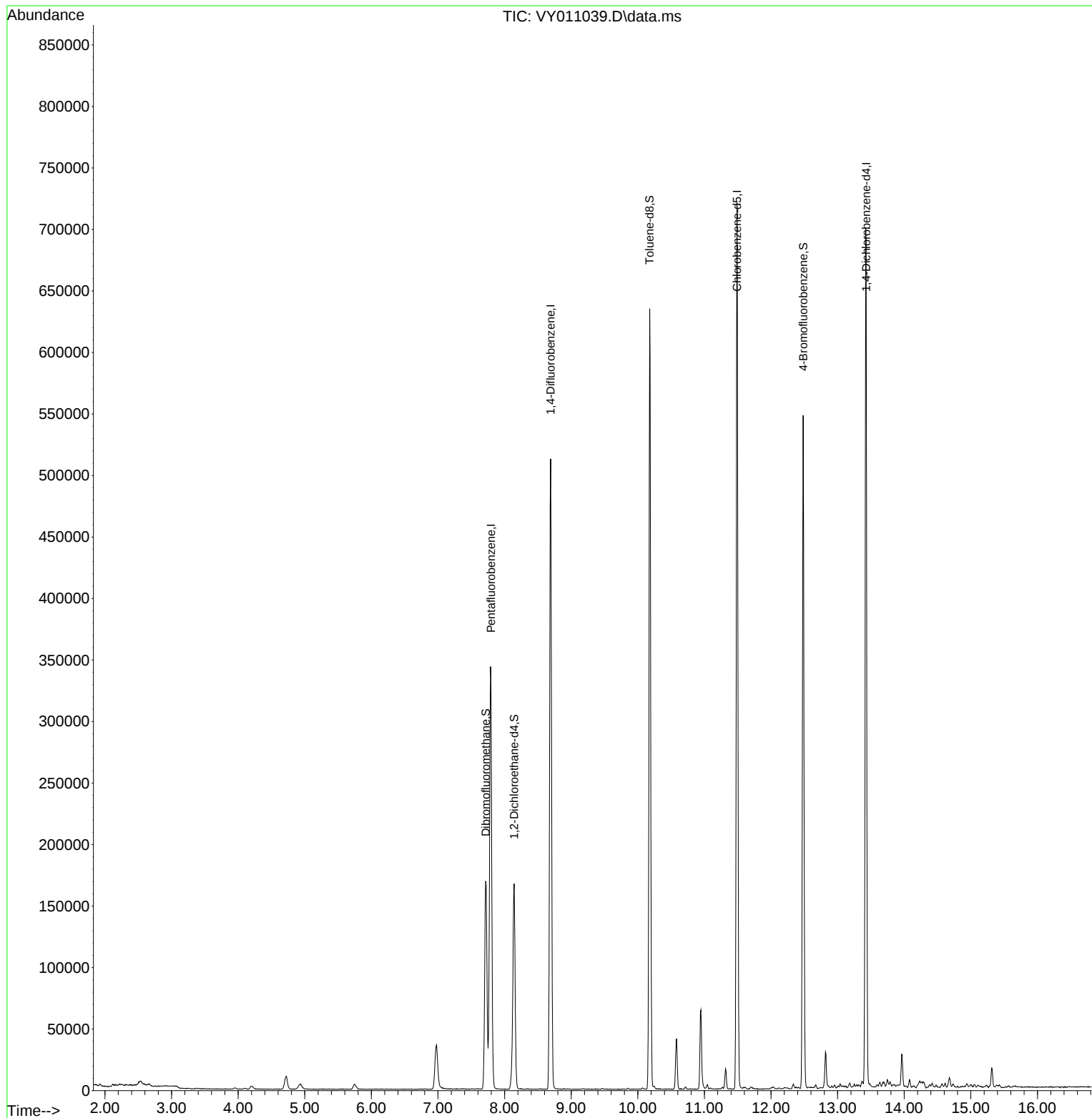
Target Compounds	Qvalue

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

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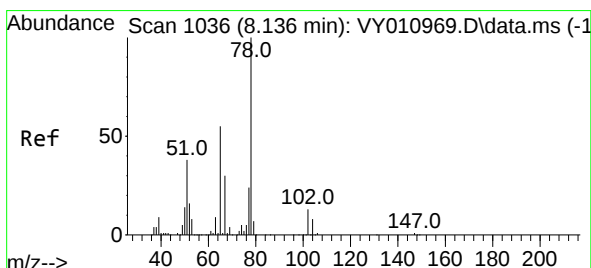
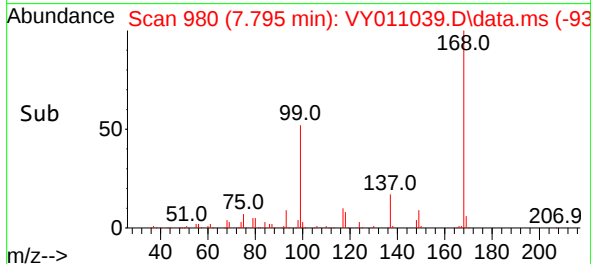
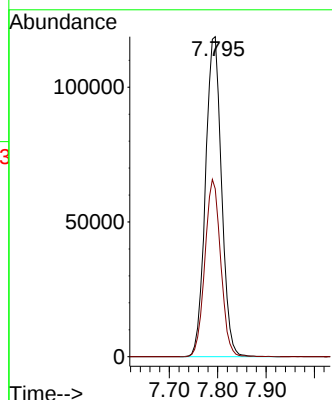
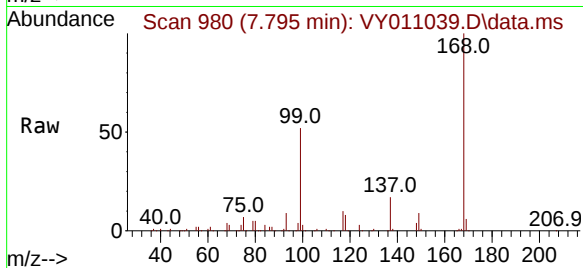




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

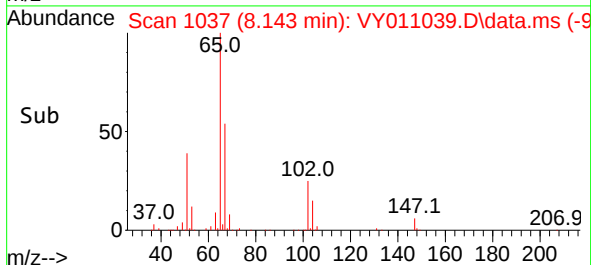
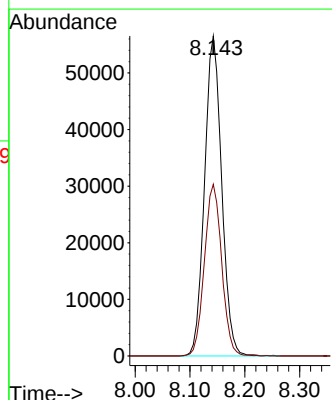
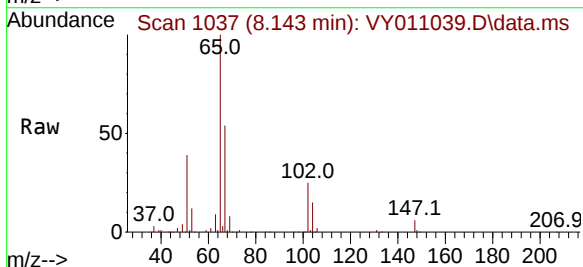
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

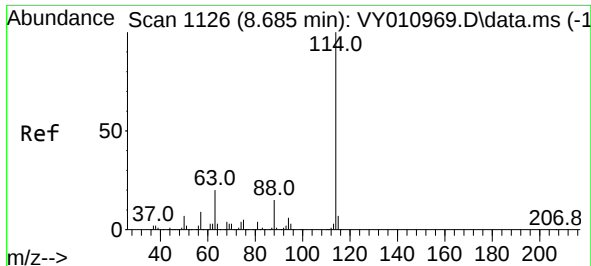
Tgt Ion:168 Resp: 273583
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.657 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 65 Resp: 122621
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011039.D

Acq: 21 Oct 2022 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBL01

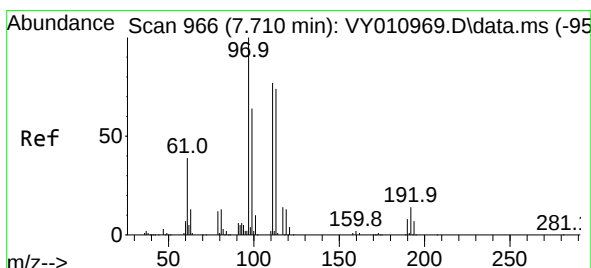
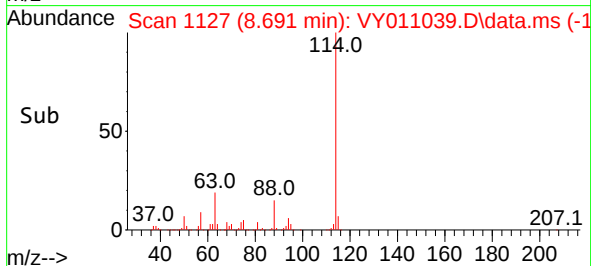
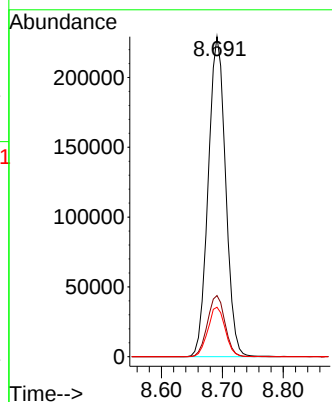
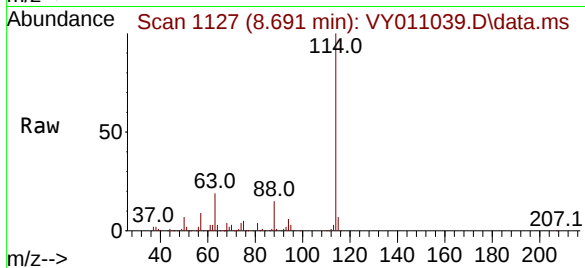
Tgt Ion:114 Resp: 453484

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.864 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011039.D

Acq: 21 Oct 2022 10:55

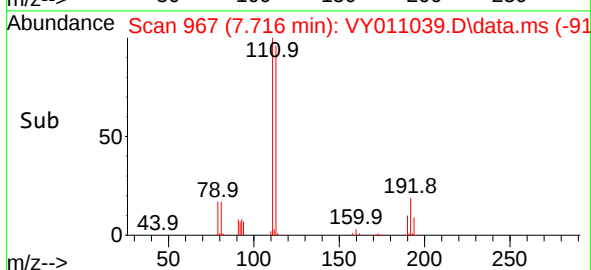
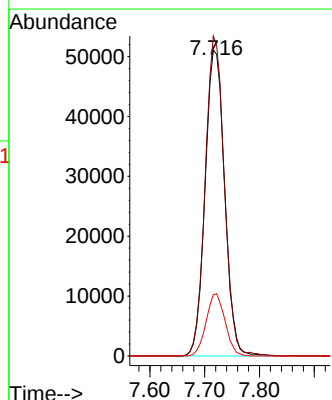
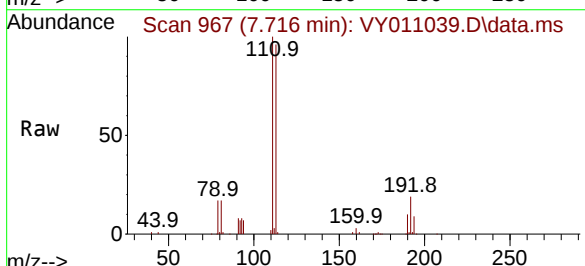
Tgt Ion:113 Resp: 126062

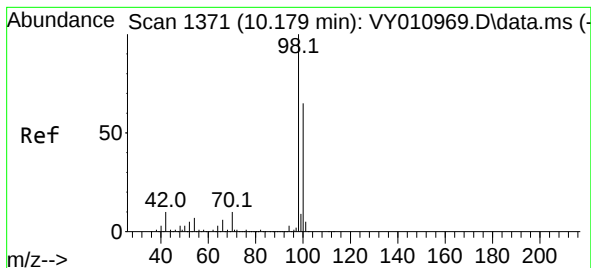
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.8 17.6 26.4

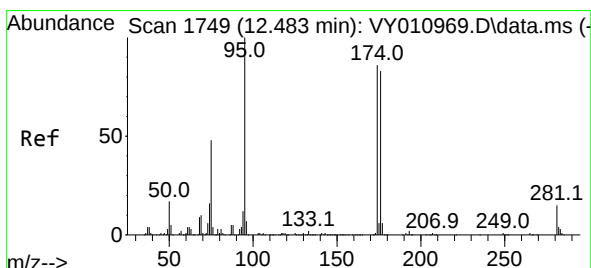
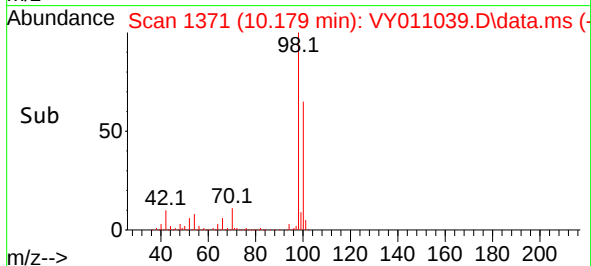
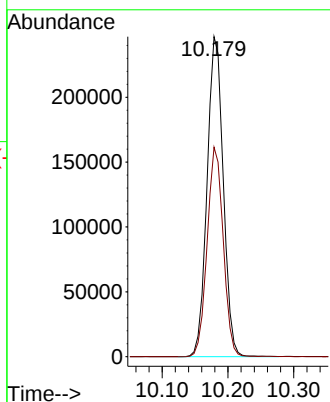
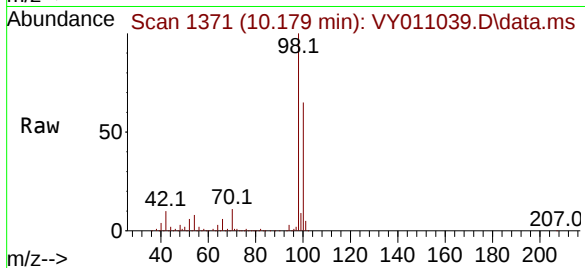




#50
Toluene-d8
Concen: 44.590 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

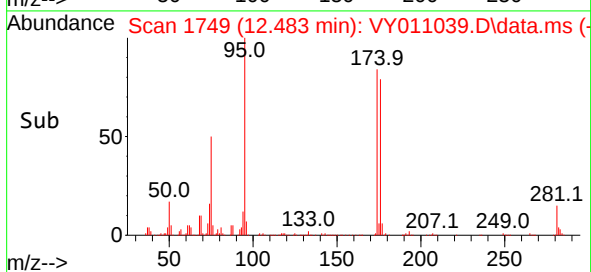
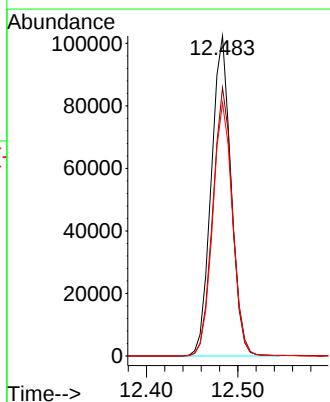
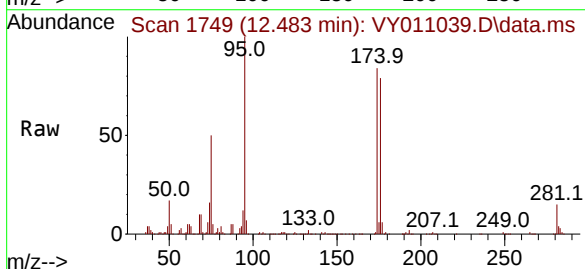
Instrument :
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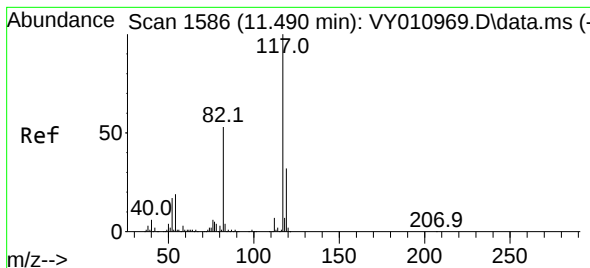
Tgt Ion: 98 Resp: 422209
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.422 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 95 Resp: 153295
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 79.7 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: VY011039.D

Acq: 21 Oct 2022 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBL01

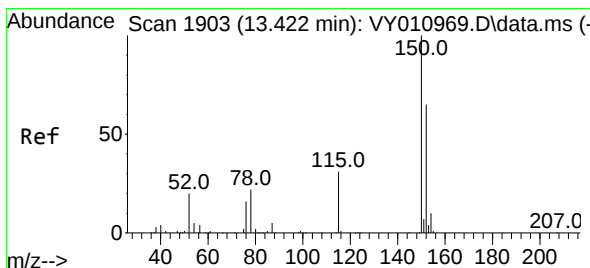
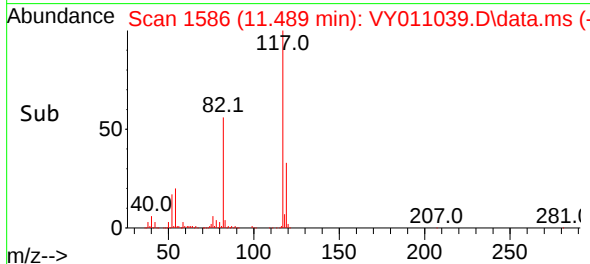
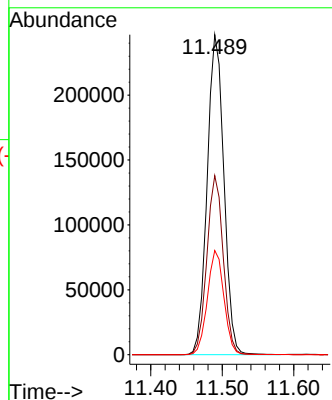
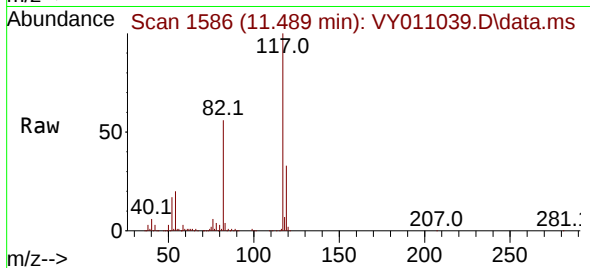
Tgt Ion:117 Resp: 400350

Ion Ratio Lower Upper

117 100

82 56.0 43.0 64.4

119 32.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011039.D

Acq: 21 Oct 2022 10:55

Tgt Ion:152 Resp: 187706

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 157.8 0.0 347.6

