

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010997.D
 Acq On : 18 Oct 2022 16:22
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Oct 18 17:26:27 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	163590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149091	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110313	73.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.420%
35) Dibromofluoromethane	7.716	113	109159	58.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.060%
50) Toluene-d8	10.179	98	421452	59.950	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.900%
62) 4-Bromofluorobenzene	12.477	95	142880	57.859	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.720%

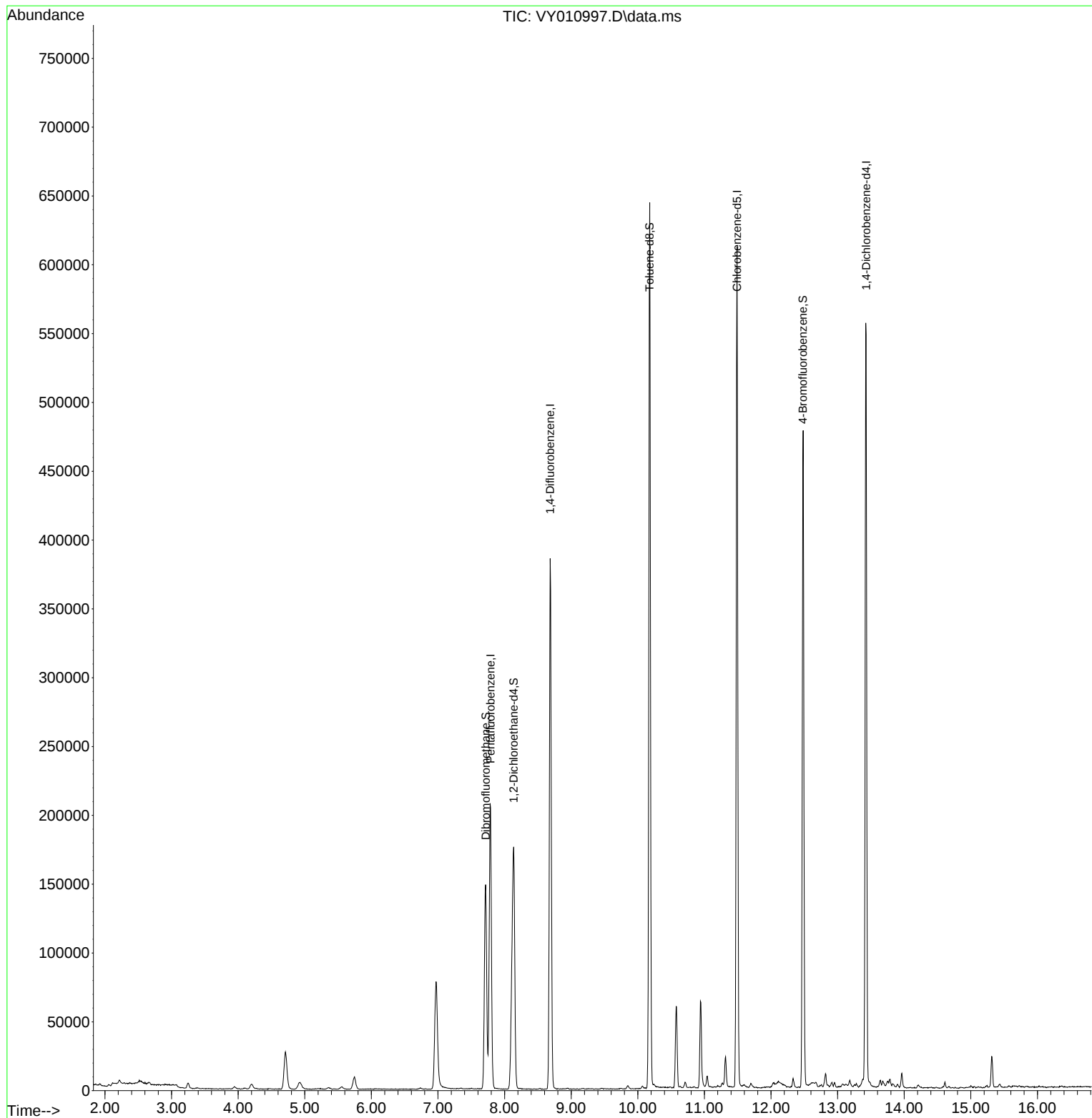
Target Compounds	Qvalue

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

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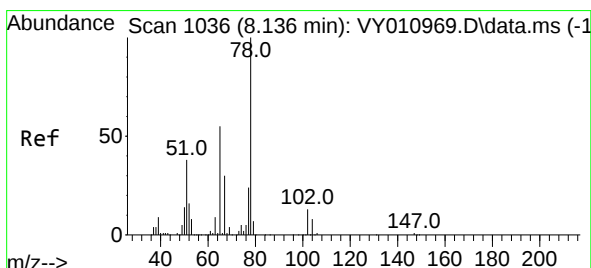
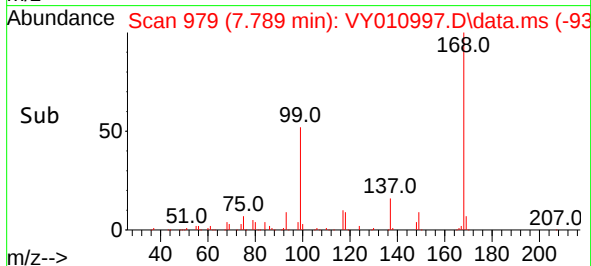
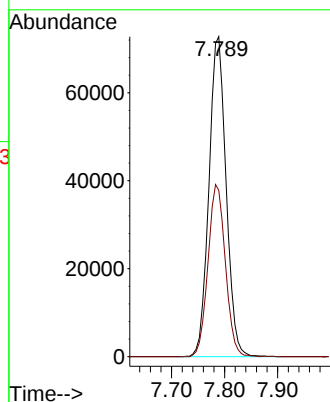
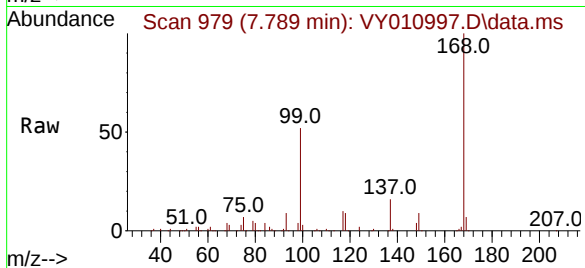




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010997.D
Acq: 18 Oct 2022 16:22

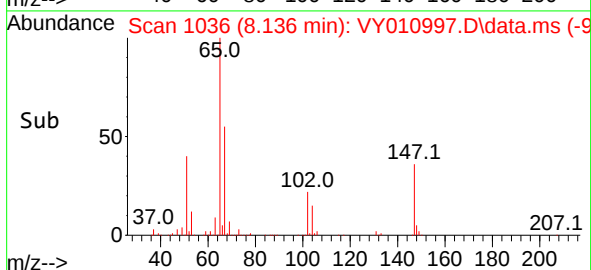
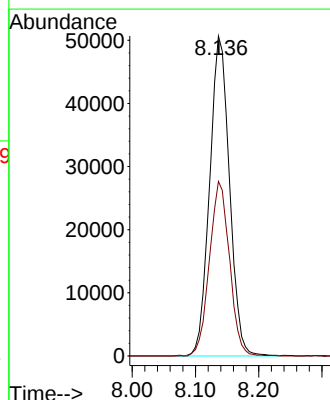
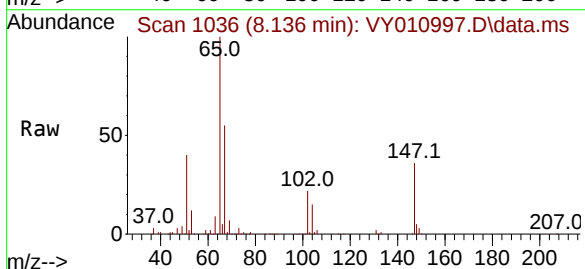
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

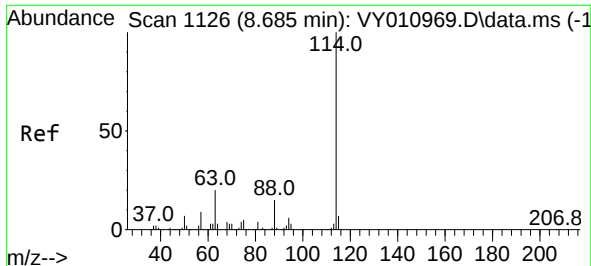
Tgt Ion:168 Resp: 163590
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 73.205 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010997.D
Acq: 18 Oct 2022 16:22

Tgt Ion: 65 Resp: 110313
Ion Ratio Lower Upper
65 100
67 55.2 0.0 99.4

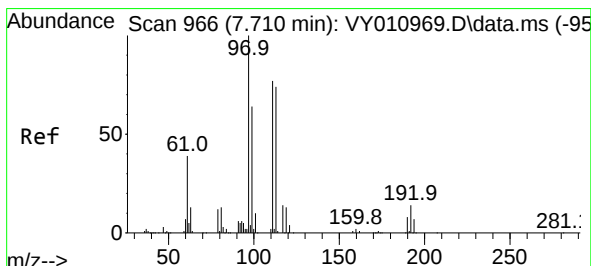
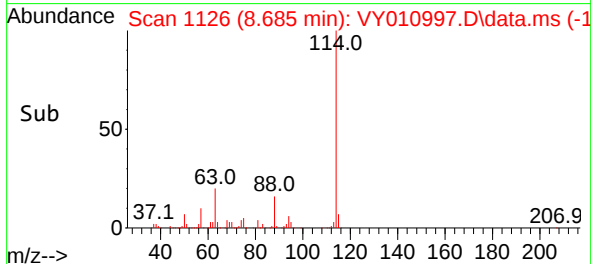
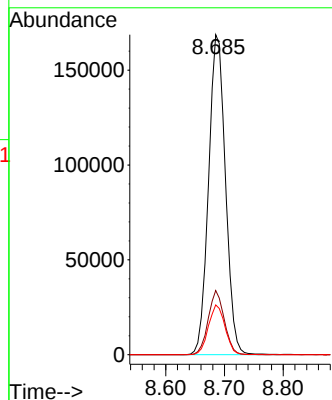
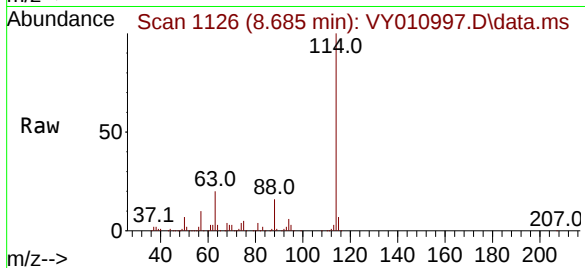




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010997.D
Acq: 18 Oct 2022 16:22

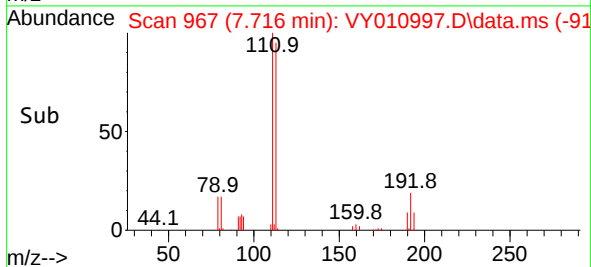
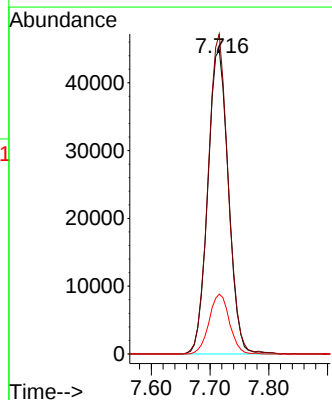
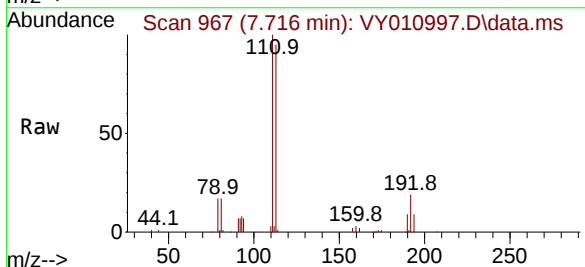
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

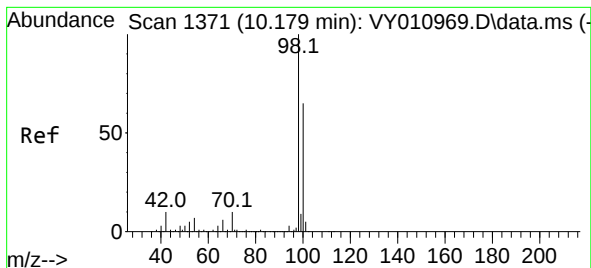
Tgt Ion:114 Resp: 336687
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 58.530 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010997.D
Acq: 18 Oct 2022 16:22

Tgt Ion:113 Resp: 109159
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.4 17.6 26.4





#50

Toluene-d8

Concen: 59.950 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010997.D

Acq: 18 Oct 2022 16:22

Instrument :

MSVOA_Y

ClientSampleId :

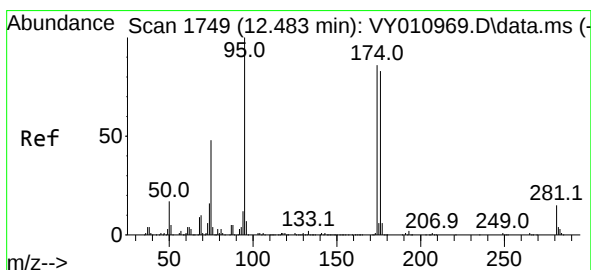
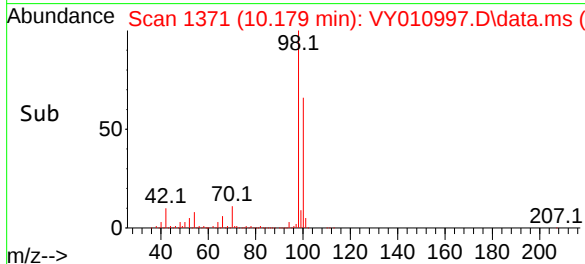
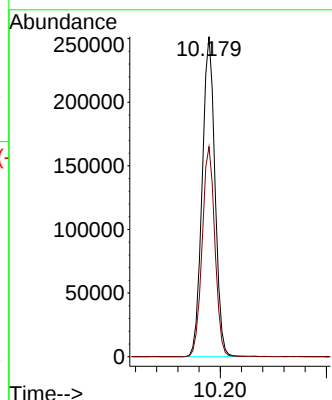
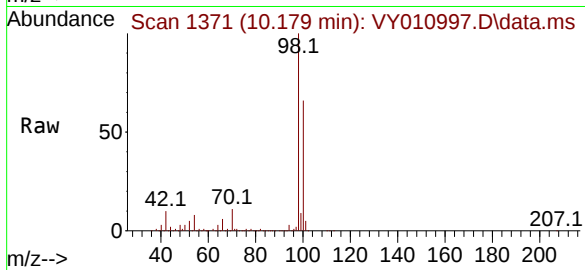
VIBLK

Tgt Ion: 98 Resp: 421452

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 57.859 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY010997.D

Acq: 18 Oct 2022 16:22

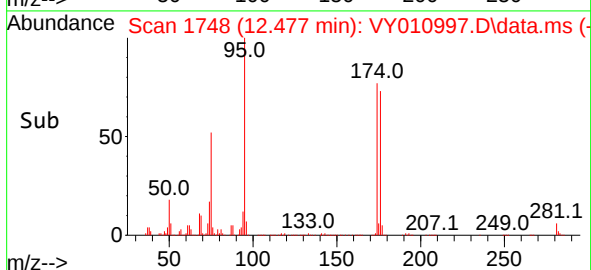
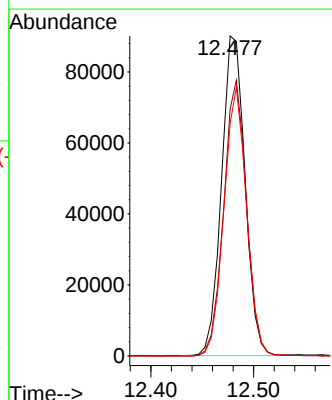
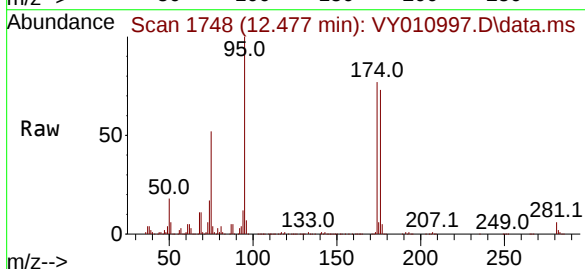
Tgt Ion: 95 Resp: 142880

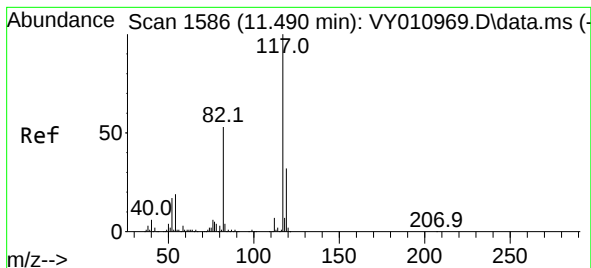
Ion Ratio Lower Upper

95 100

174 84.0 0.0 177.0

176 80.8 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: VY010997.D

Acq: 18 Oct 2022 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

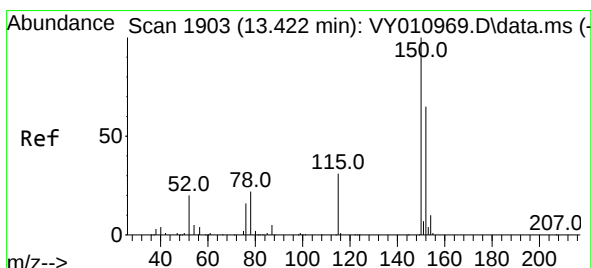
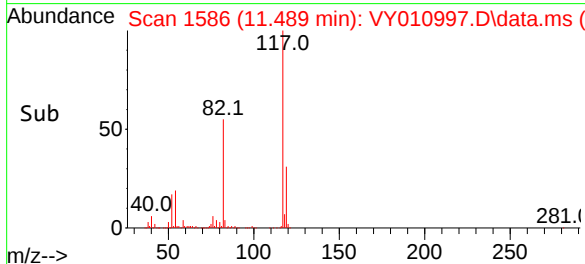
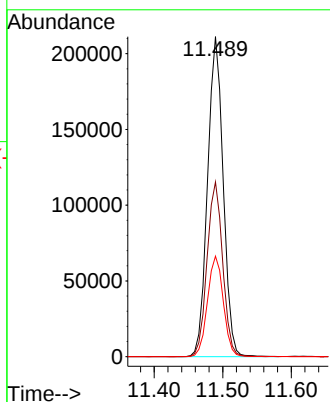
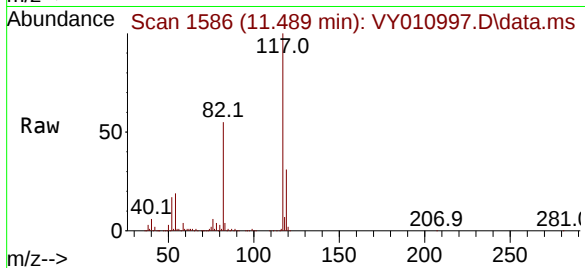
Tgt Ion:117 Resp: 335733

Ion Ratio Lower Upper

117 100

82 54.6 43.0 64.4

119 31.4 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: VY010997.D

Acq: 18 Oct 2022 16:22

Tgt Ion:152 Resp: 149091

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 158.9 0.0 347.6

