

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010989.D
 Acq On : 18 Oct 2022 12:36
 Operator : KP/MD
 Sample : N5135-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-101322RE

Quant Time: Oct 18 17:02:16 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	240313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	424823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	304499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	176517	79.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.480%
35) Dibromofluoromethane	7.715	113	176048	75.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	150.880%#
50) Toluene-d8	10.178	98	507941	57.263	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.520%
62) 4-Bromofluorobenzene	12.483	95	135852	42.793	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.580%

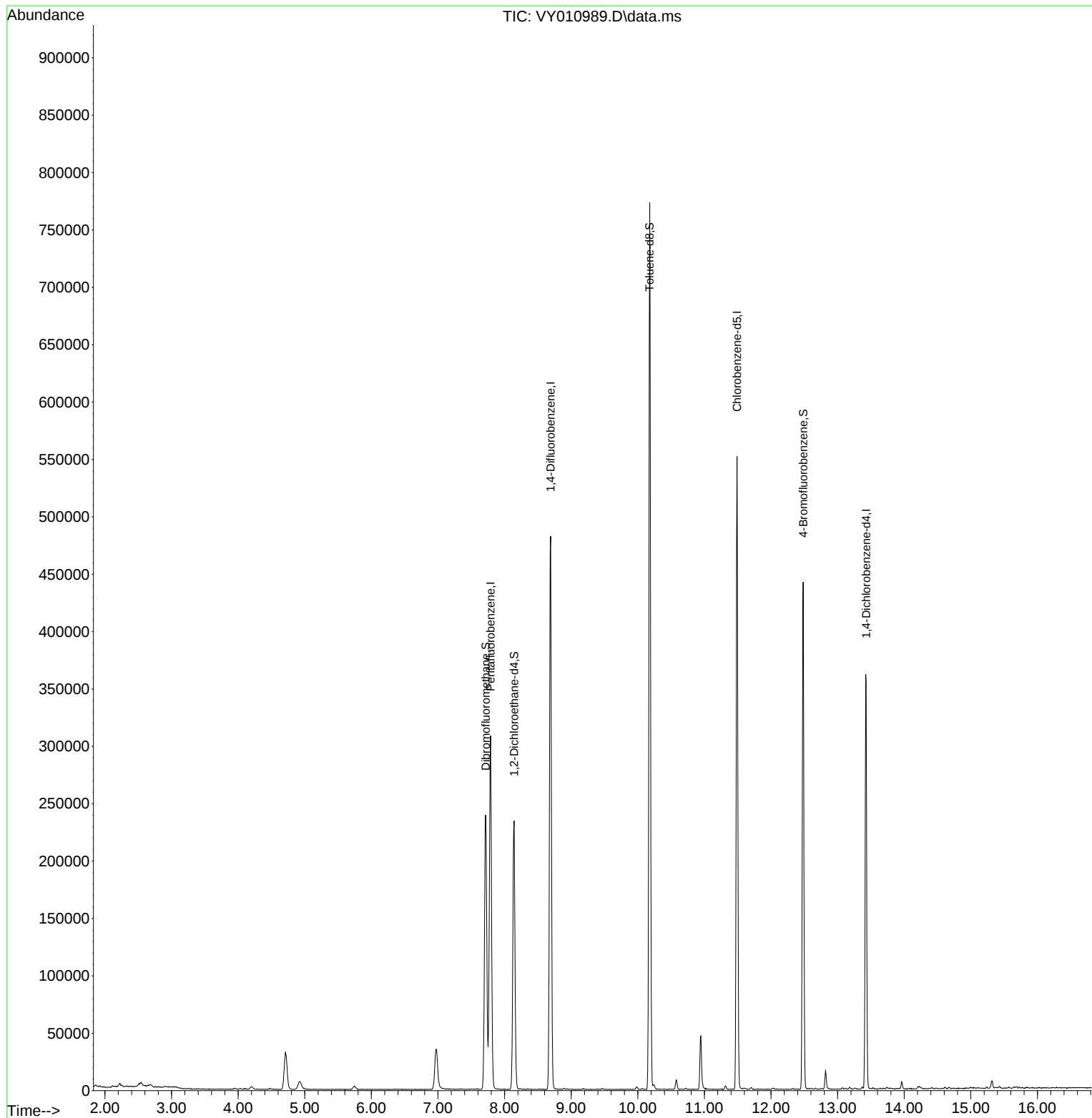
Target Compounds	Qvalue

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

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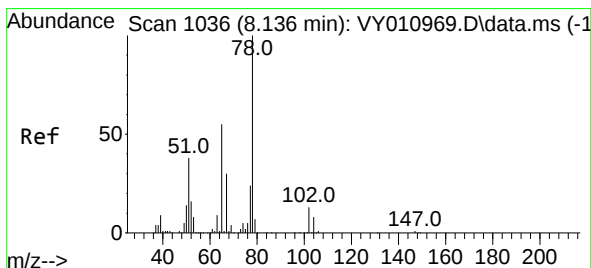
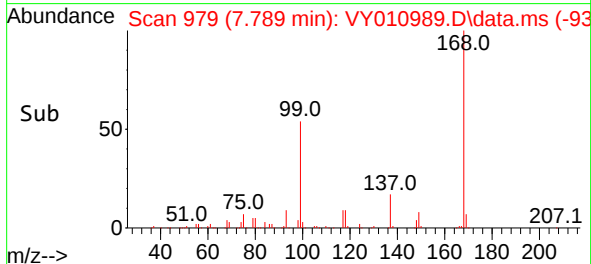
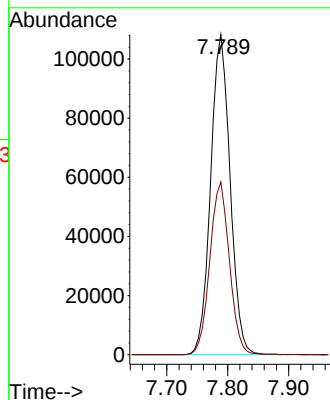
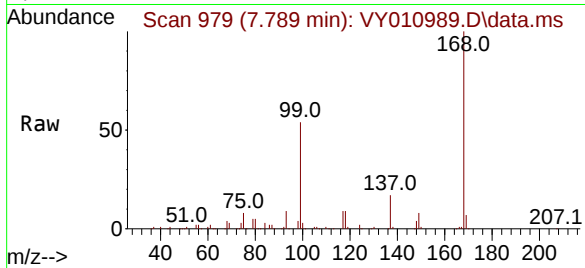




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010989.D
Acq: 18 Oct 2022 12:36

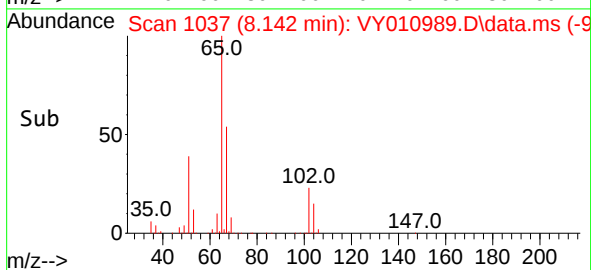
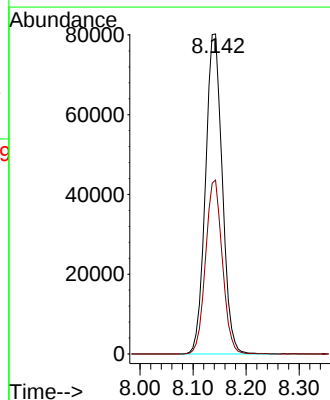
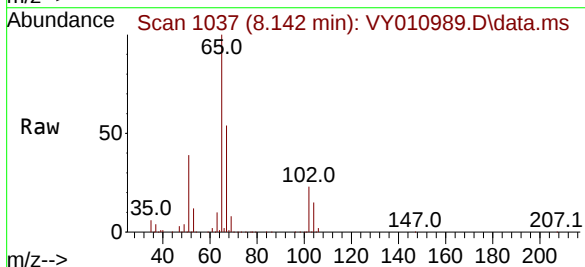
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-101322RE

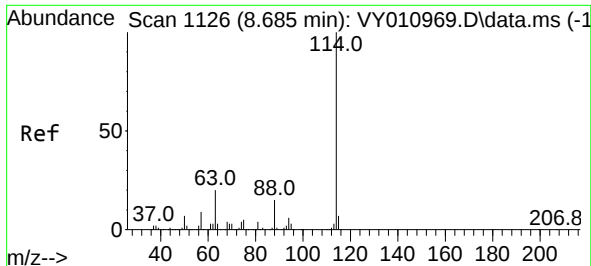
Tgt Ion:168 Resp: 240313
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 79.741 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY010989.D
Acq: 18 Oct 2022 12:36

Tgt Ion: 65 Resp: 176517
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010989.D

Acq: 18 Oct 2022 12:36

Instrument :

MSVOA_Y

ClientSampleId :

OK-1-101322RE

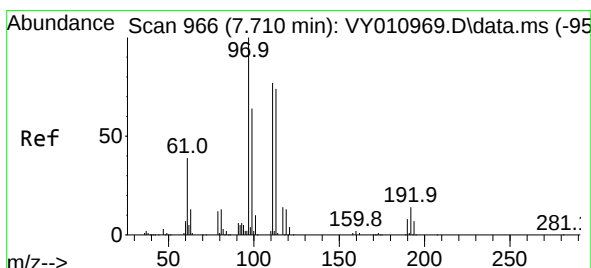
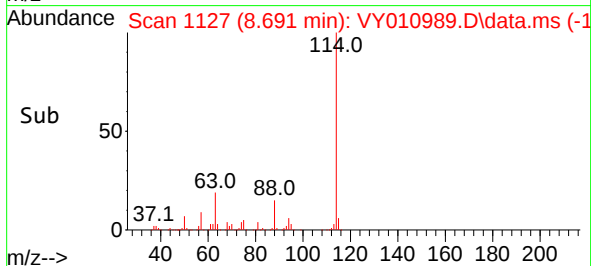
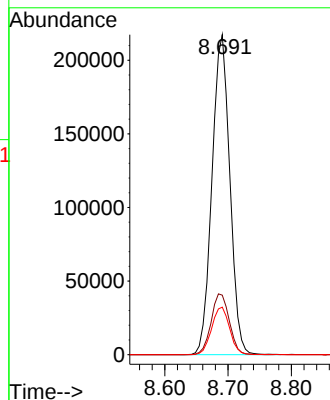
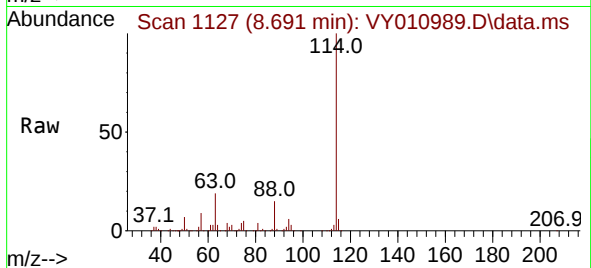
Tgt Ion:114 Resp: 424823

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 75.439 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY010989.D

Acq: 18 Oct 2022 12:36

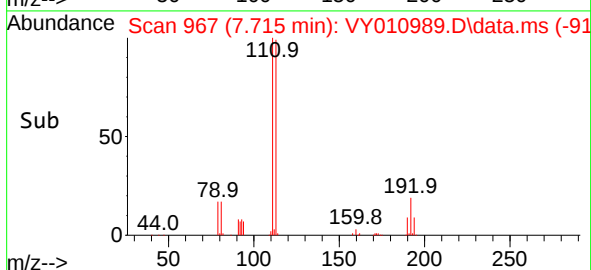
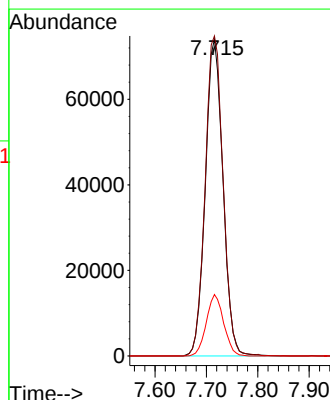
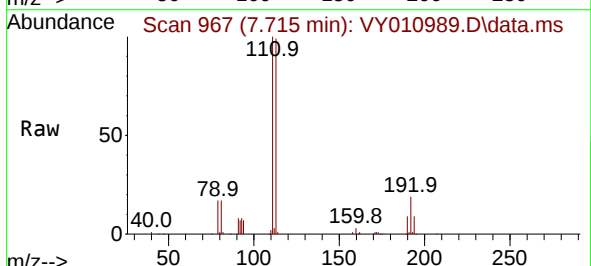
Tgt Ion:113 Resp: 176048

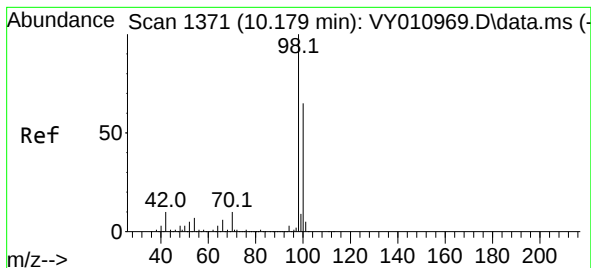
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 19.1 17.6 26.4

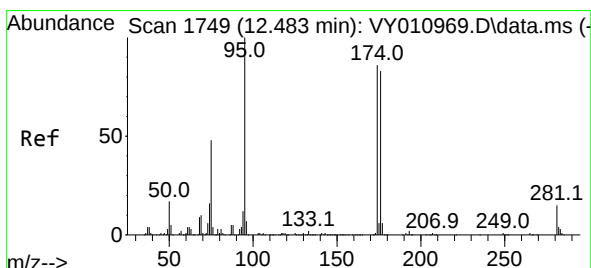
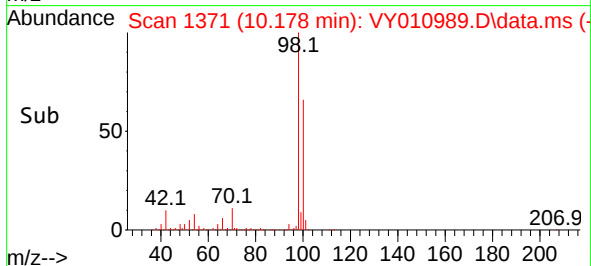
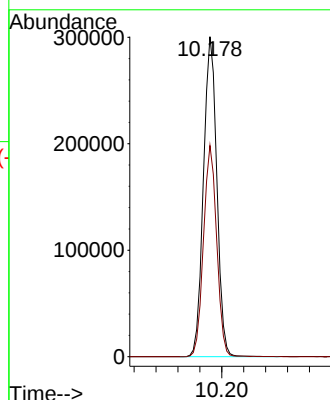
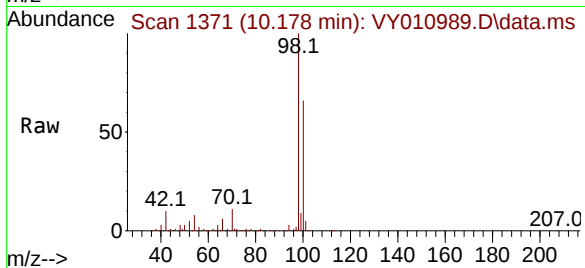




#50
Toluene-d8
Concen: 57.263 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010989.D
Acq: 18 Oct 2022 12:36

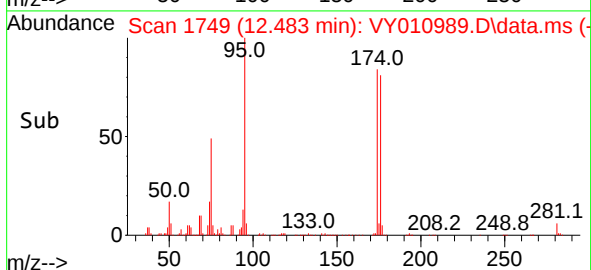
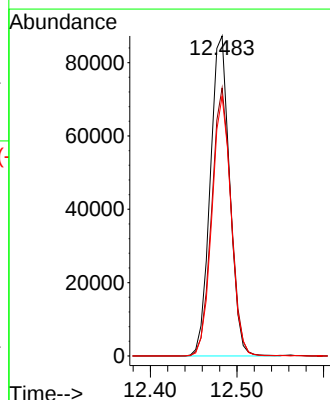
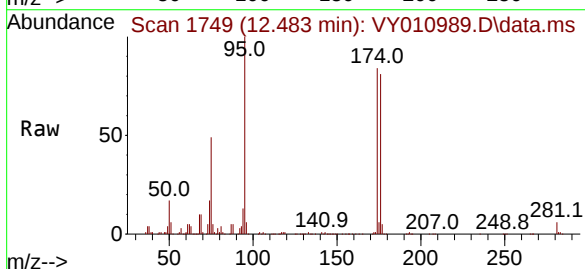
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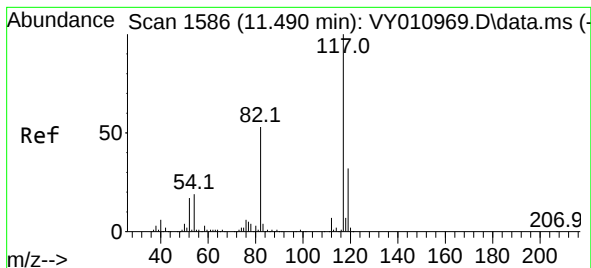
Tgt Ion: 98 Resp: 507941
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.793 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010989.D
Acq: 18 Oct 2022 12:36

Tgt Ion: 95 Resp: 135852
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 80.2 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: VY010989.D

Acq: 18 Oct 2022 12:36

Instrument :

MSVOA_Y

ClientSampleId :

OK-1-101322RE

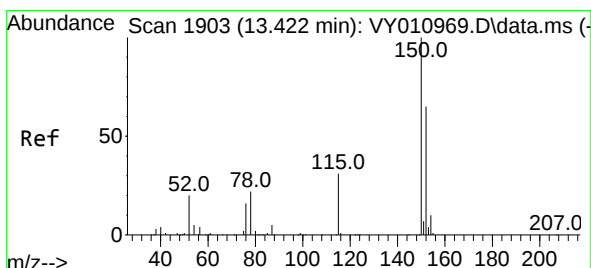
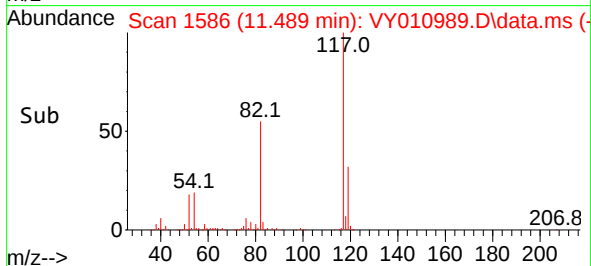
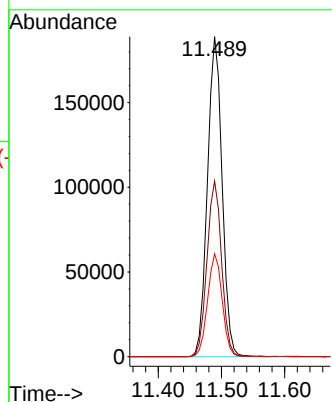
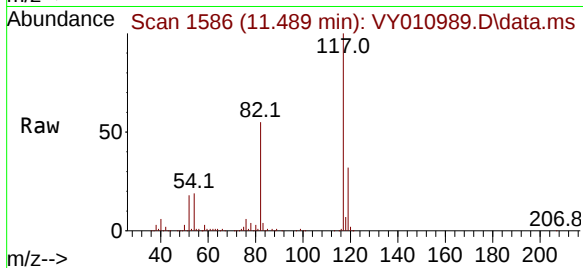
Tgt Ion:117 Resp: 304499

Ion Ratio Lower Upper

117 100

82 54.9 43.0 64.4

119 32.1 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: VY010989.D

Acq: 18 Oct 2022 12:36

Tgt Ion:152 Resp: 96709

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 157.2 0.0 347.6

