

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010647.D
 Acq On : 23 Sep 2022 14:36
 Operator : KP/MD
 Sample : N4742-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-8.5-9.0

Quant Time: Sep 24 01:21:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	159953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86618	56.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.240%
35) Dibromofluoromethane	7.716	113	75398	38.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.100%
50) Toluene-d8	10.179	98	282382	39.278	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.560%
62) 4-Bromofluorobenzene	12.483	95	95170	34.165	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.320%

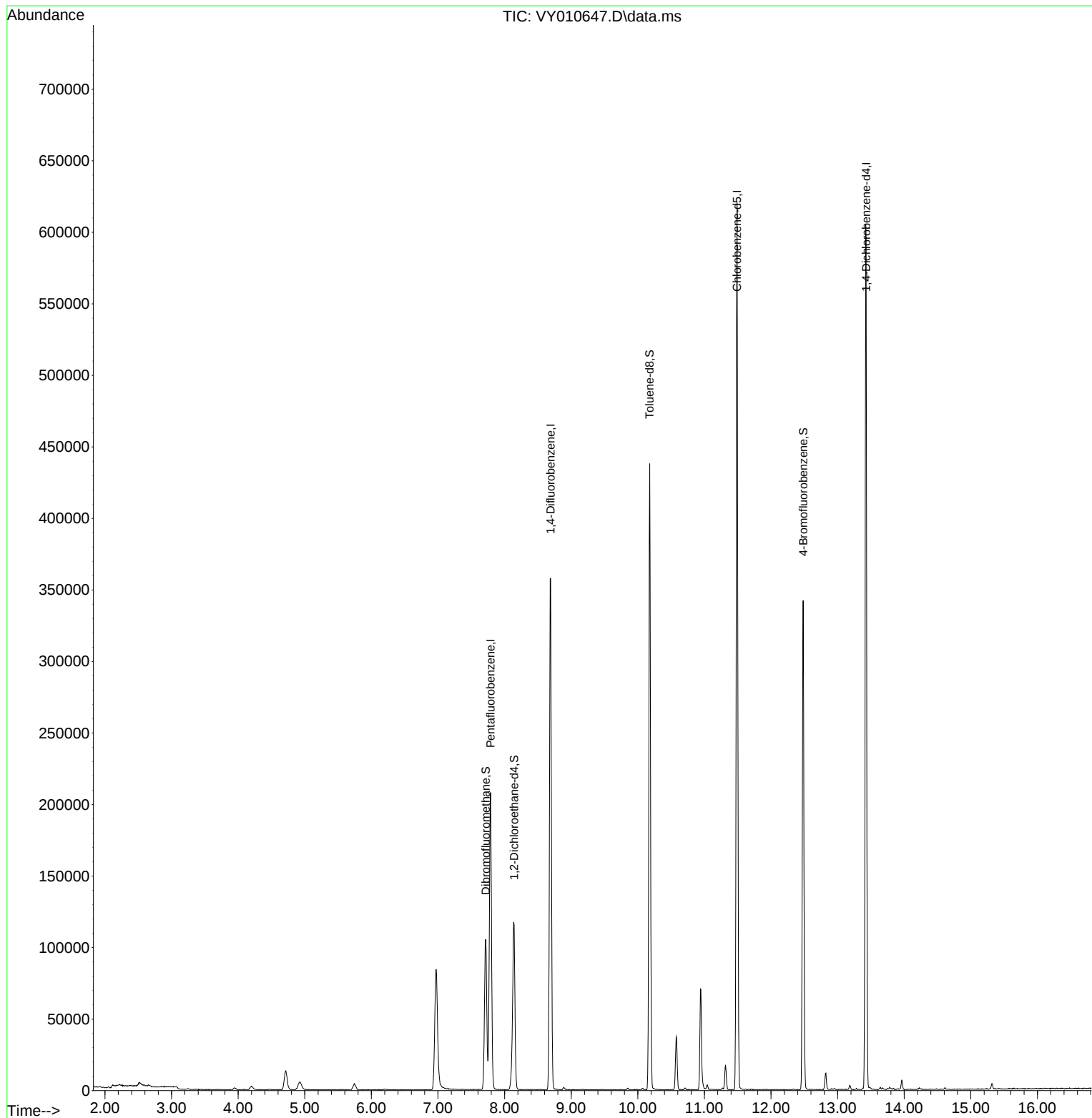
Target Compounds	Qvalue

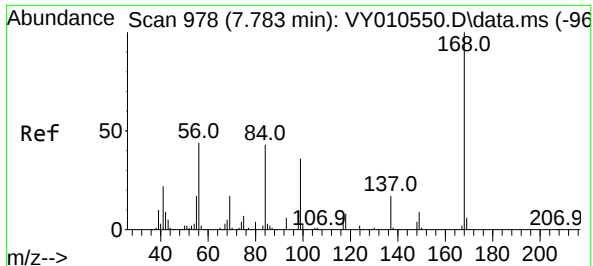
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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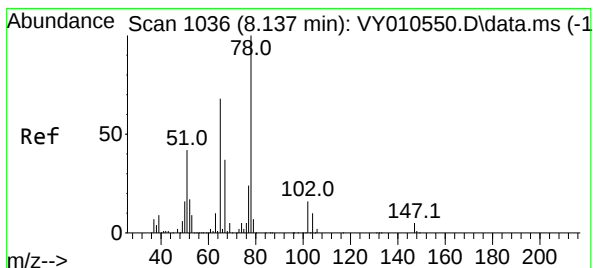
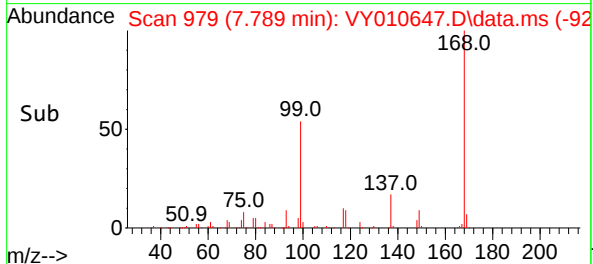
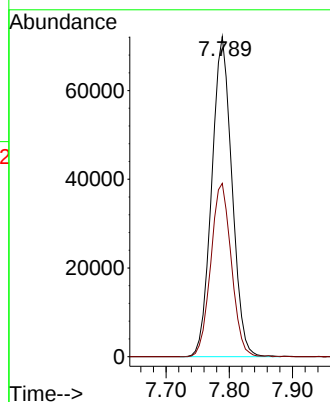
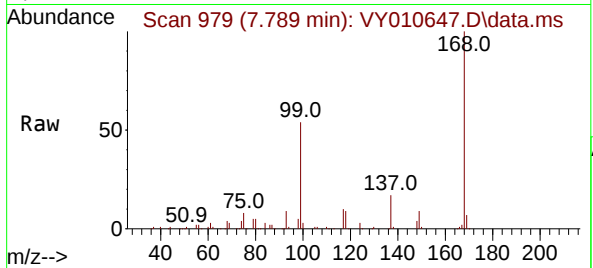




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

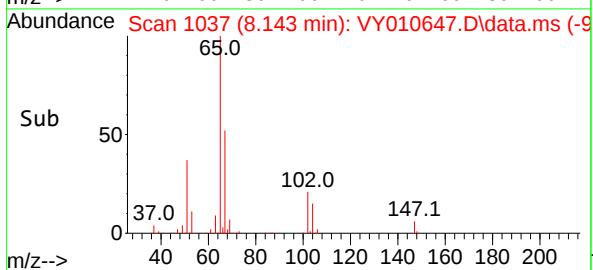
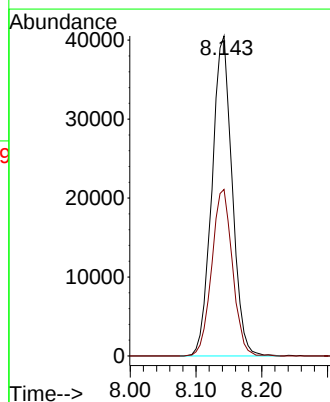
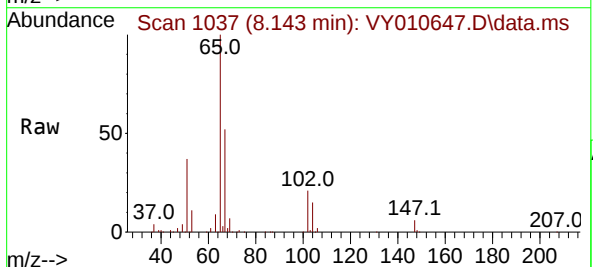
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

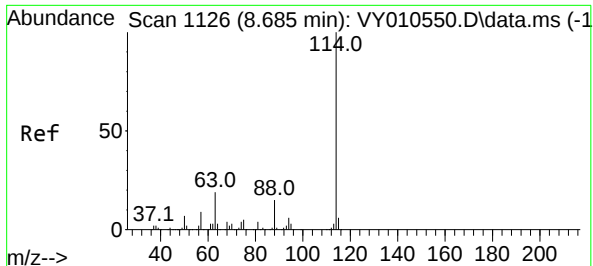
Tgt Ion:168 Resp: 159953
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.616 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion: 65 Resp: 86618
Ion Ratio Lower Upper
65 100
67 53.5 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: VY010647.D

Acq: 23 Sep 2022 14:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-8.5-9.0

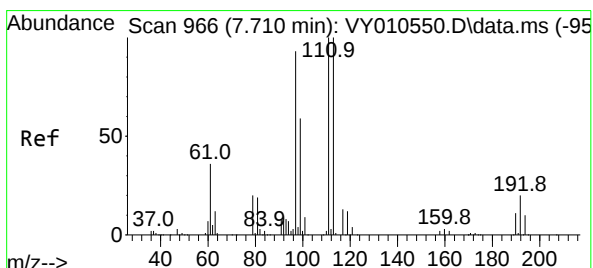
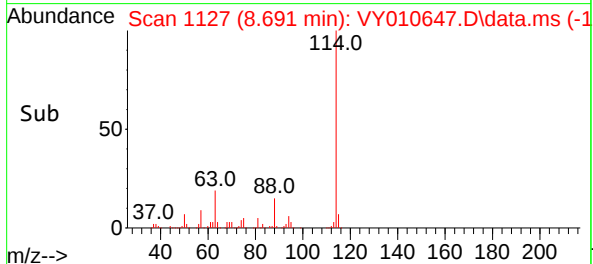
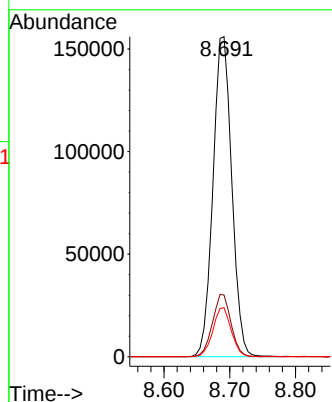
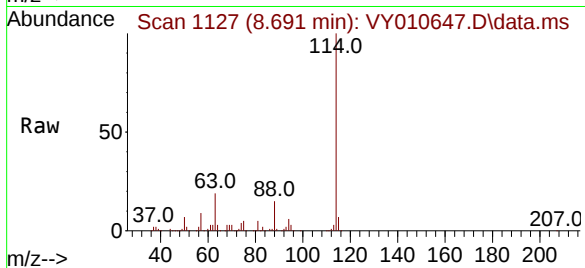
Tgt Ion:114 Resp: 310453

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.055 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010647.D

Acq: 23 Sep 2022 14:36

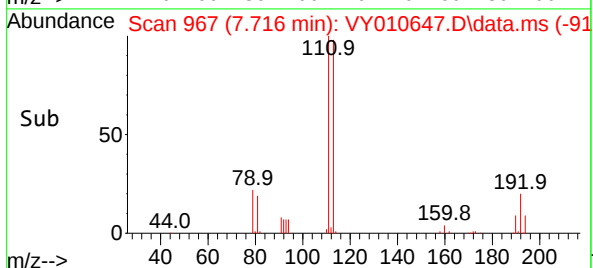
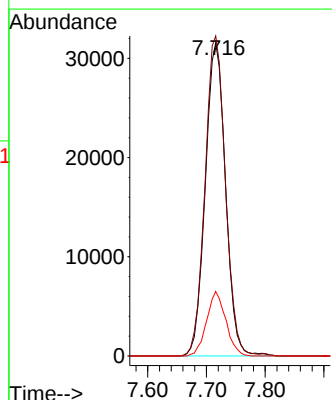
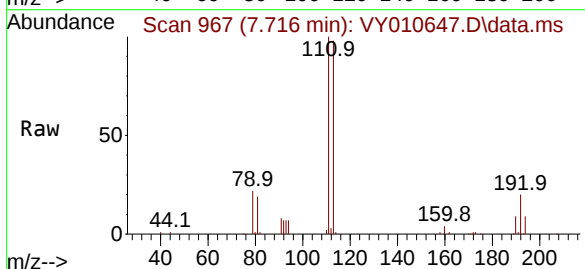
Tgt Ion:113 Resp: 75398

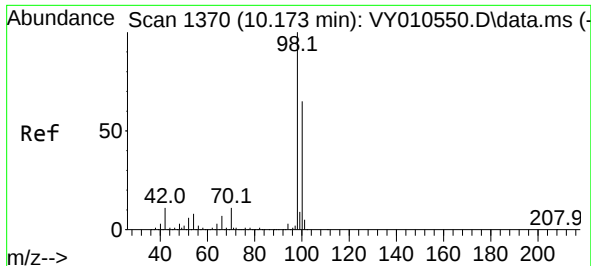
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 19.6 17.6 26.4

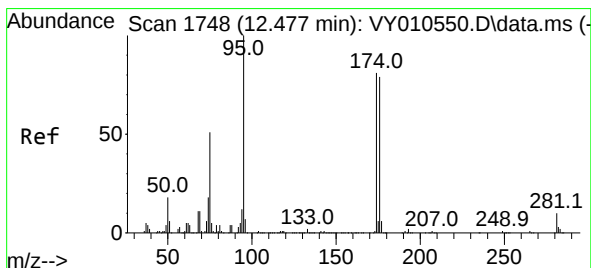
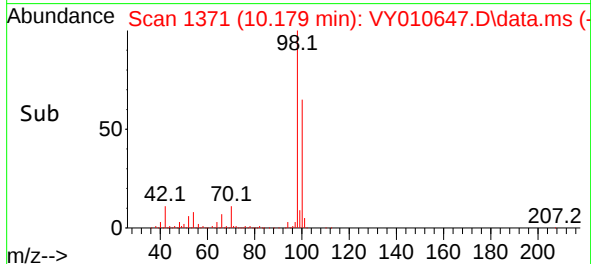
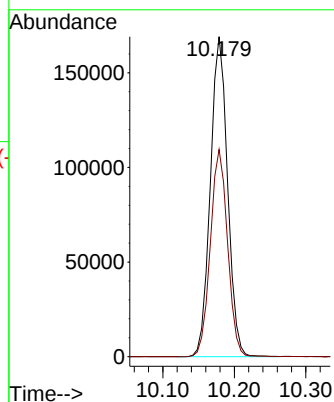
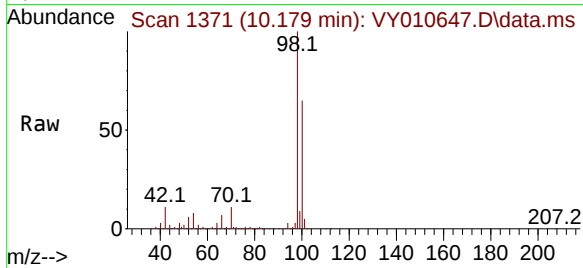




#50
Toluene-d8
Concen: 39.278 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

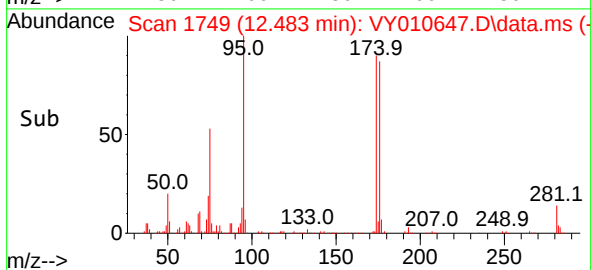
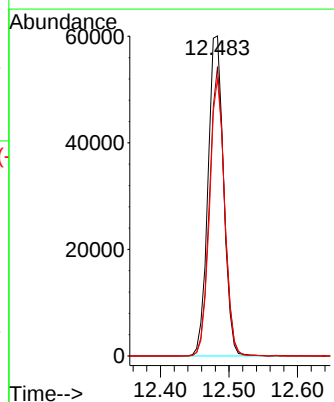
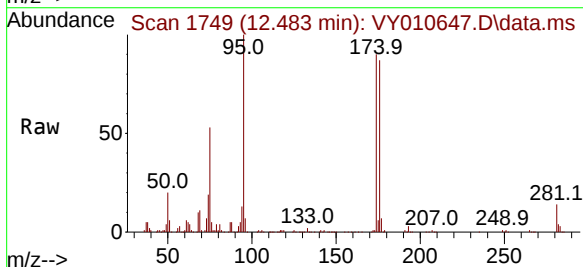
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

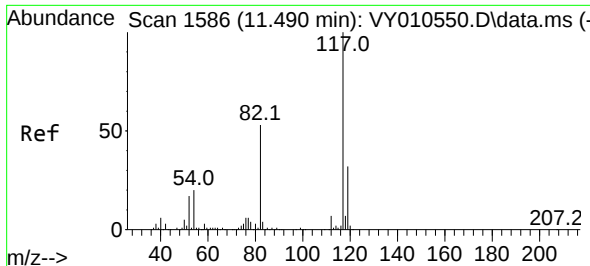
Tgt Ion: 98 Resp: 282382
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.165 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion: 95 Resp: 95170
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 83.3 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: VY010647.D

Acq: 23 Sep 2022 14:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-8.5-9.0

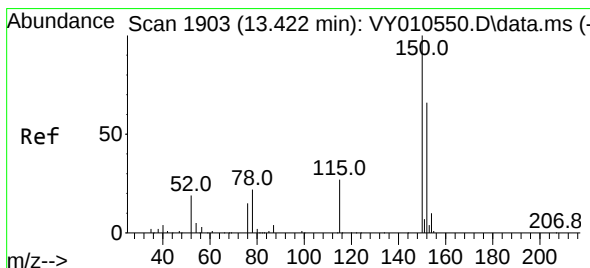
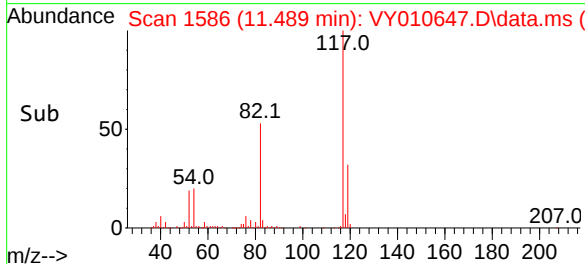
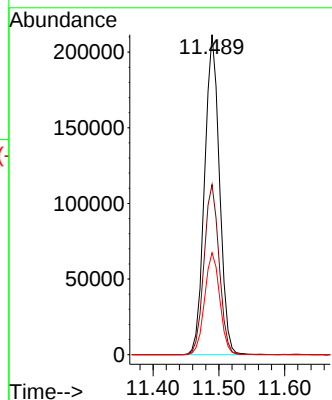
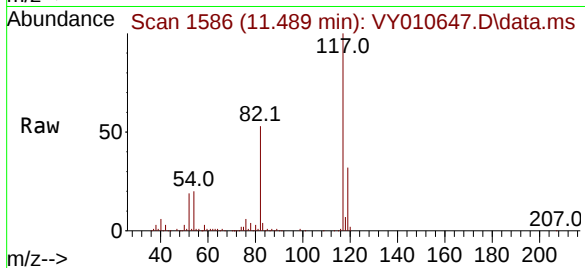
Tgt Ion:117 Resp: 333551

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

119 31.9 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: VY010647.D

Acq: 23 Sep 2022 14:36

Tgt Ion:152 Resp: 155525

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 156.2 0.0 347.6

