

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015854.D
 Acq On : 06 Oct 2023 11:22
 Operator : SY/MD
 Sample : VY1006SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1006SBL01

Quant Time: Oct 07 07:23:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	180148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97362	54.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.860%
35) Dibromofluoromethane	7.716	113	81973	47.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.179	98	296827	52.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.477	95	101079	43.886	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.780%

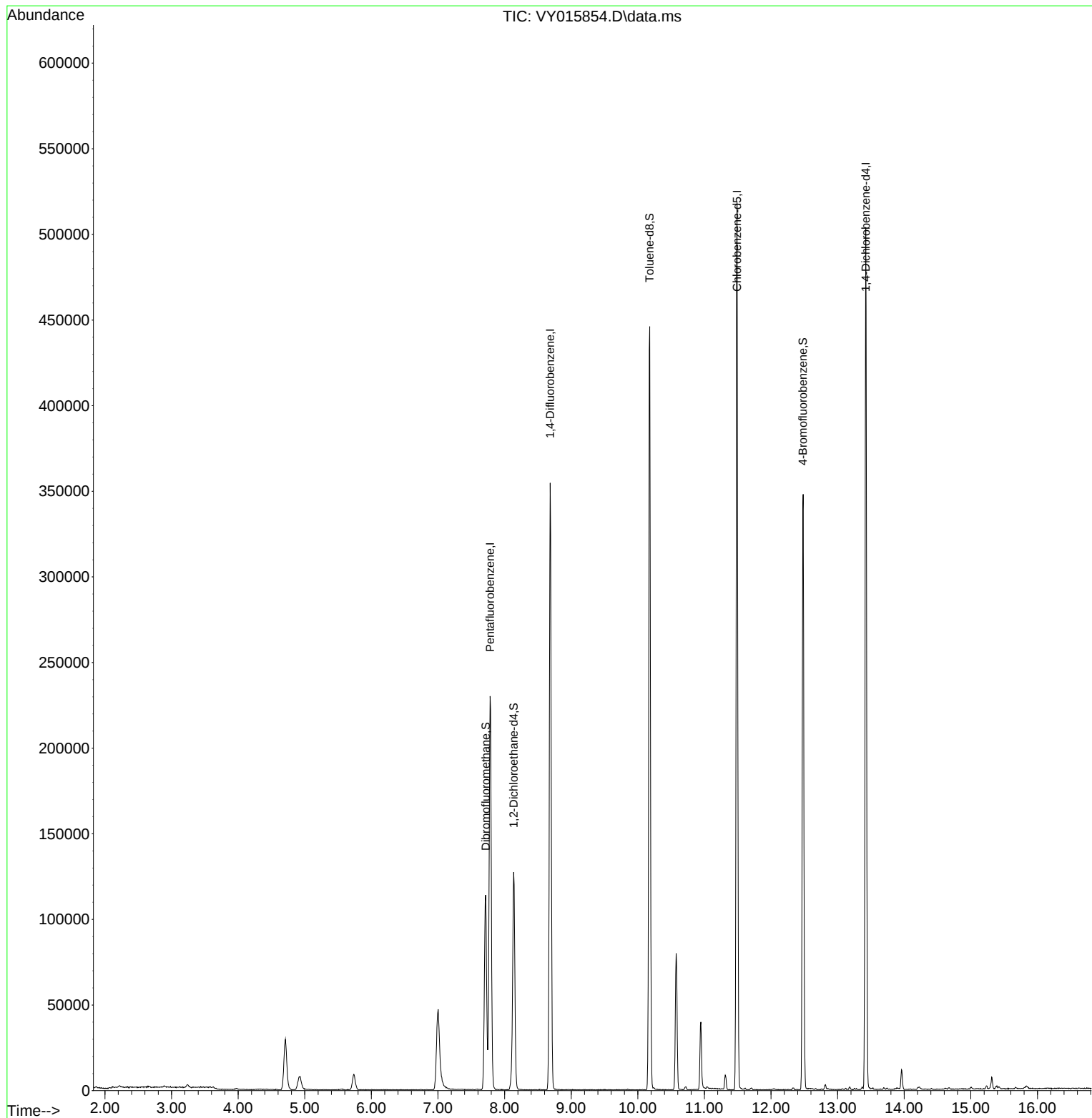
Target Compounds	Qvalue

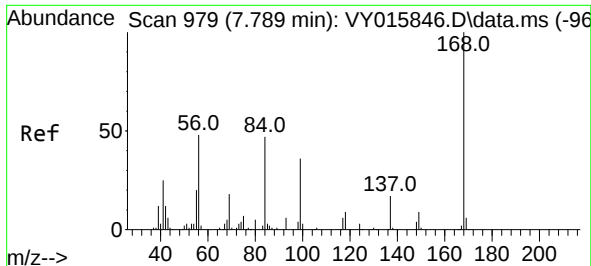
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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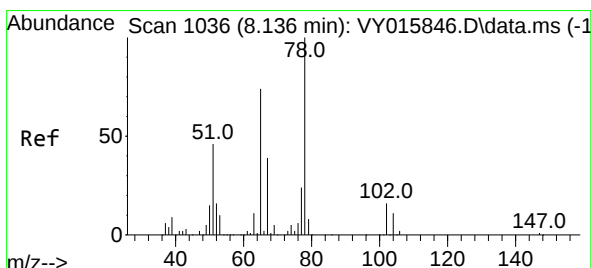
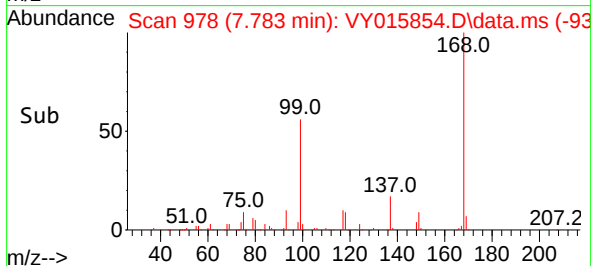
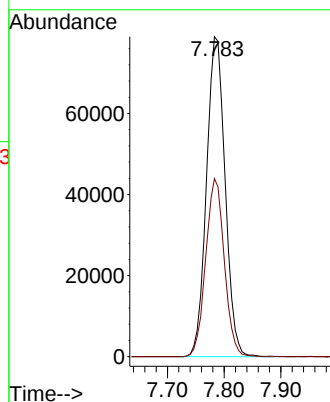
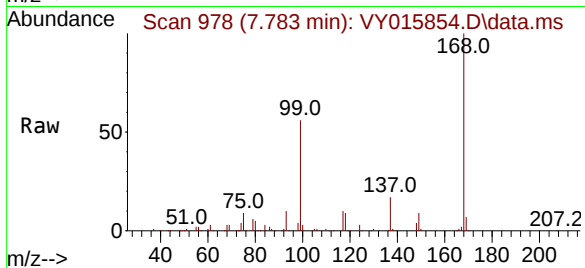




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015854.D
Acq: 06 Oct 2023 11:22

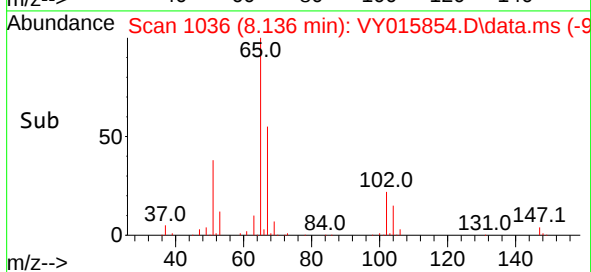
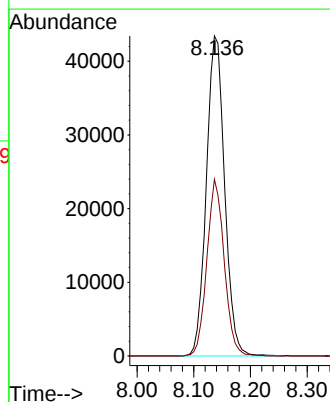
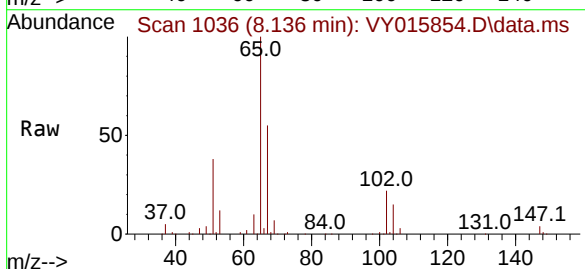
Instrument :
MSVOA_Y
ClientSampleId :
VY1006SBL01

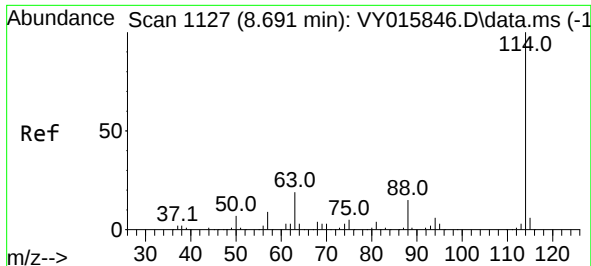
Tgt Ion:168 Resp: 180148
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.933 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015854.D
Acq: 06 Oct 2023 11:22

Tgt Ion: 65 Resp: 97362
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015854.D

Acq: 06 Oct 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1006SBL01

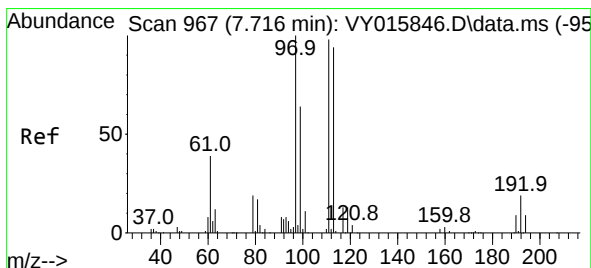
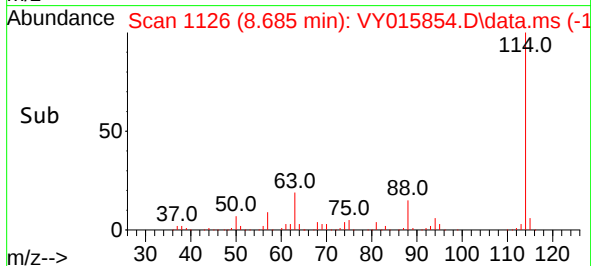
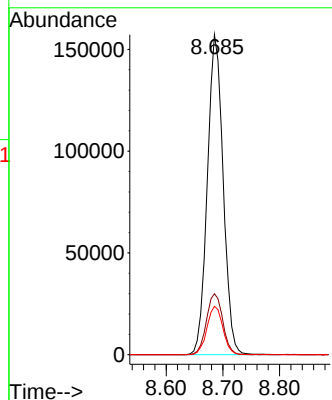
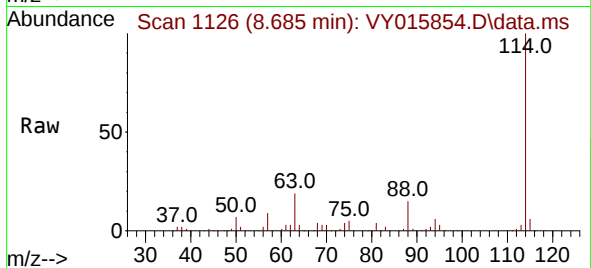
Tgt Ion:114 Resp: 304473

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.233 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015854.D

Acq: 06 Oct 2023 11:22

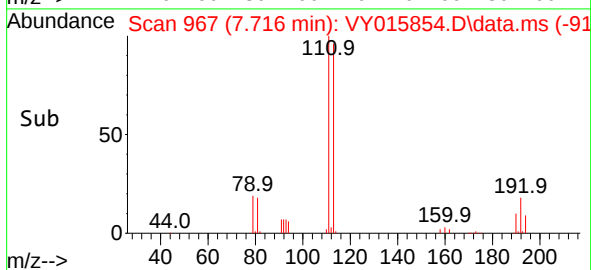
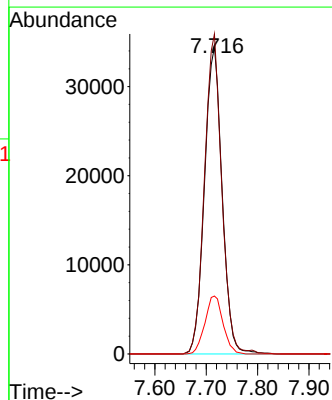
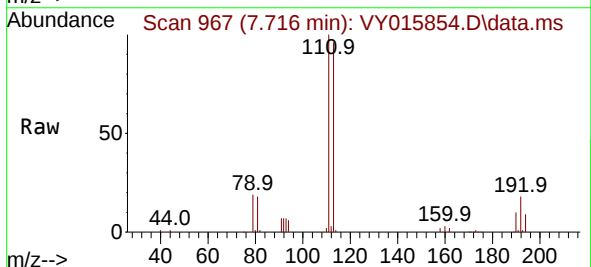
Tgt Ion:113 Resp: 81973

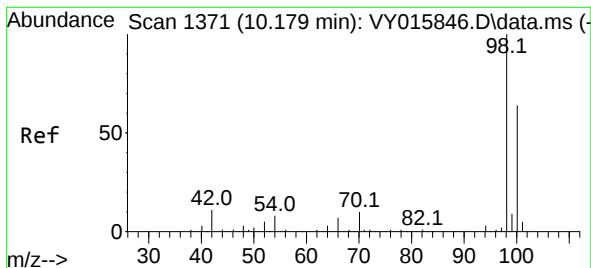
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 19.4 16.9 25.3

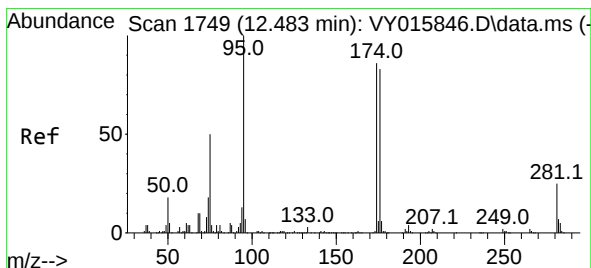
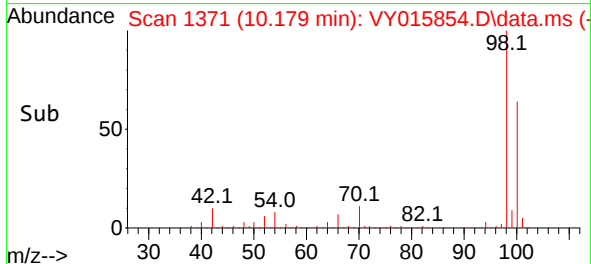
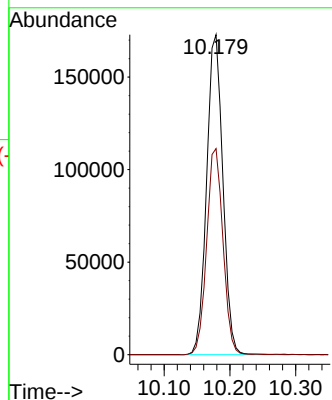
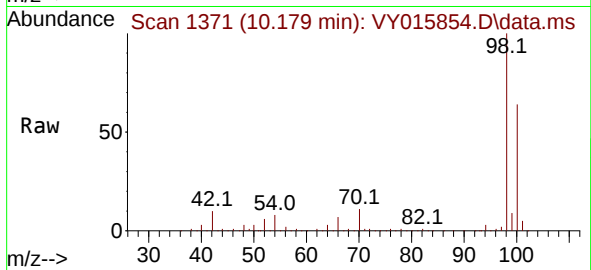




#50
Toluene-d8
Concen: 52.678 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015854.D
Acq: 06 Oct 2023 11:22

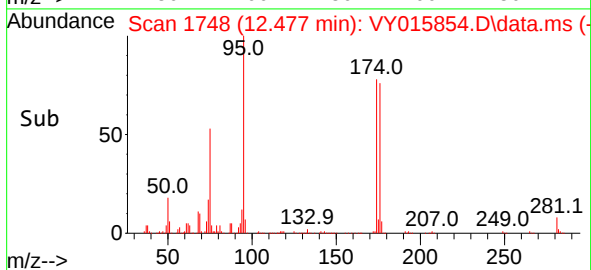
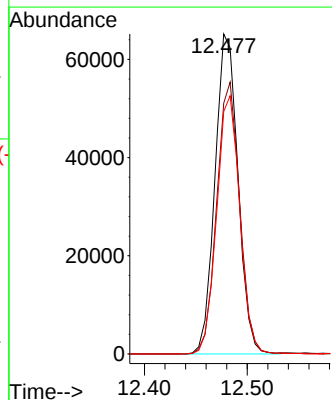
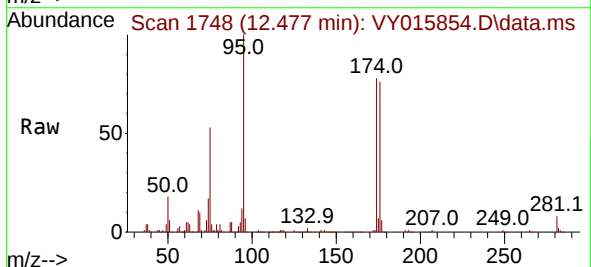
Instrument :
MSVOA_Y
ClientSampleId :
VY1006SBL01

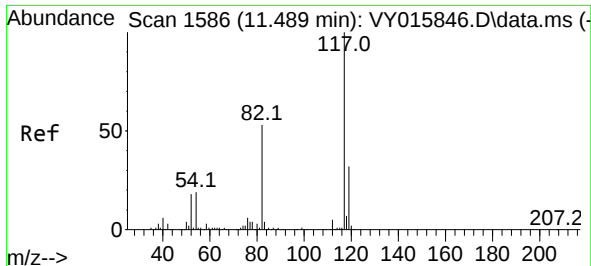
Tgt Ion: 98 Resp: 296827
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.886 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015854.D
Acq: 06 Oct 2023 11:22

Tgt Ion: 95 Resp: 101079
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 81.2 0.0 173.8

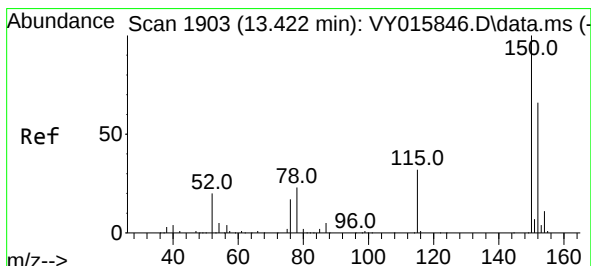
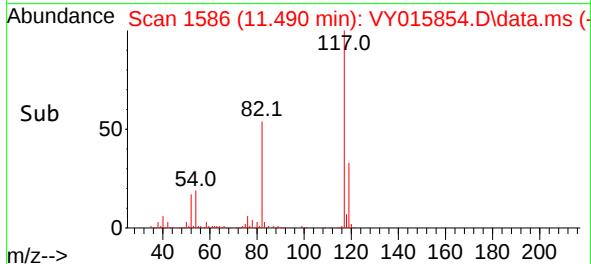
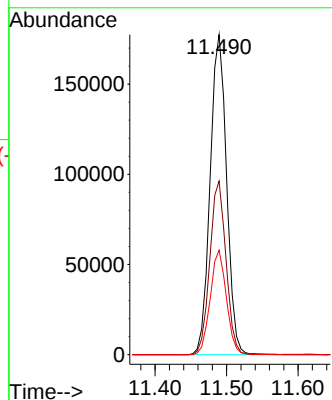
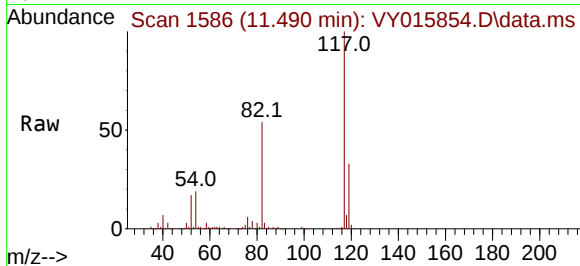




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015854.D
Acq: 06 Oct 2023 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1006SBL01

Tgt Ion:117 Resp: 283225
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015854.D
Acq: 06 Oct 2023 11:22

Tgt Ion:152 Resp: 129635
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 158.0 0.0 348.8

