

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014099.D
 Acq On : 09 Jun 2023 17:00
 Operator : KP/MD
 Sample : VY0609SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBL01

Quant Time: Jun 09 18:10:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	196653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	303568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132777	48.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.980%
35) Dibromofluoromethane	7.710	113	108980	50.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.240%
50) Toluene-d8	10.179	98	365304	45.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.780%
62) 4-Bromofluorobenzene	12.477	95	124204	43.442	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.880%

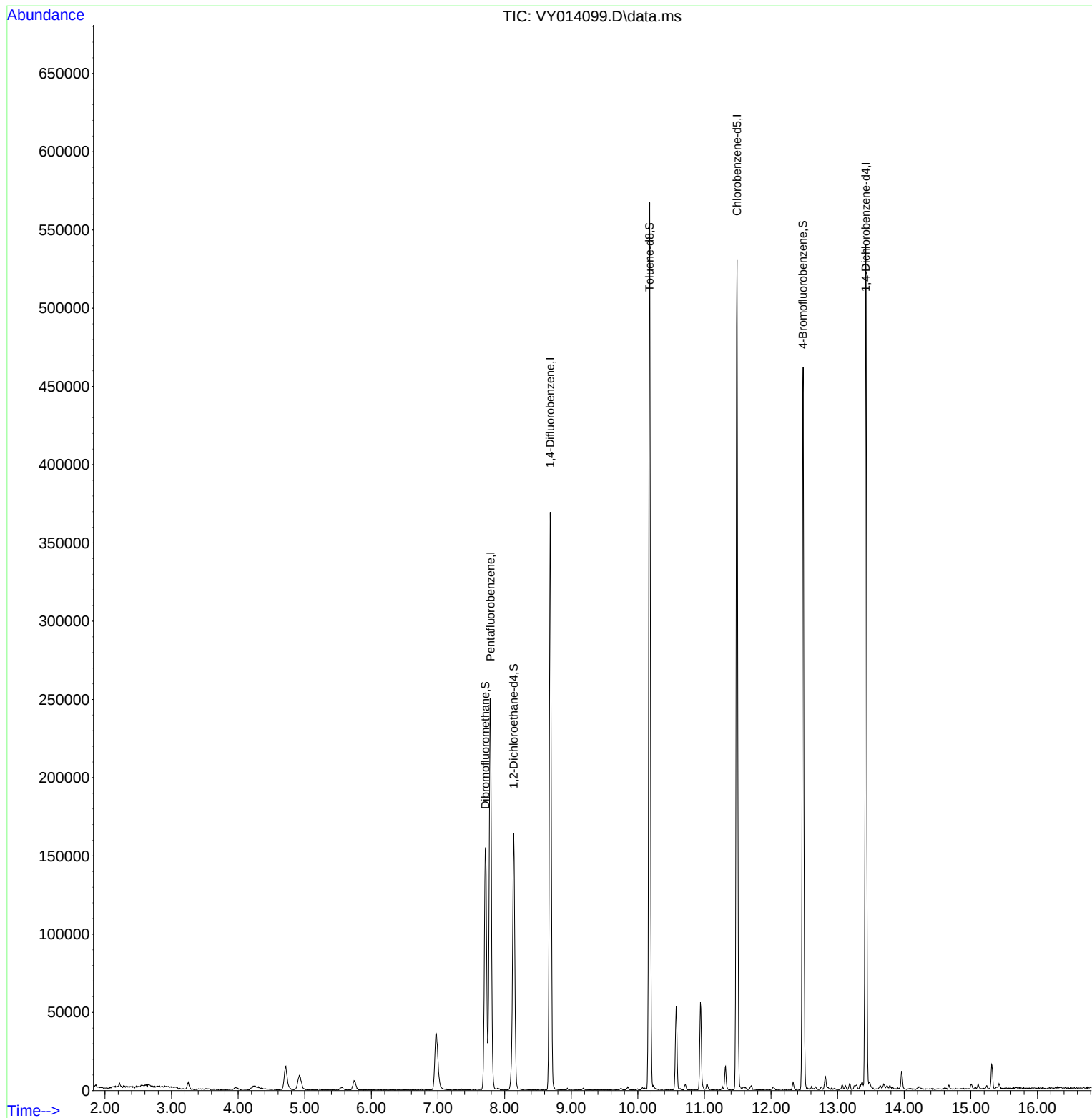
Target Compounds	Qvalue

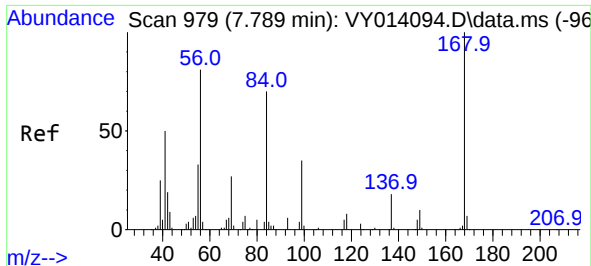
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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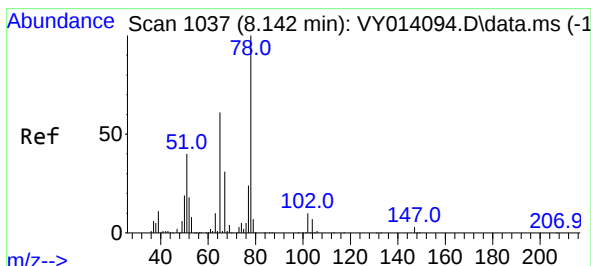
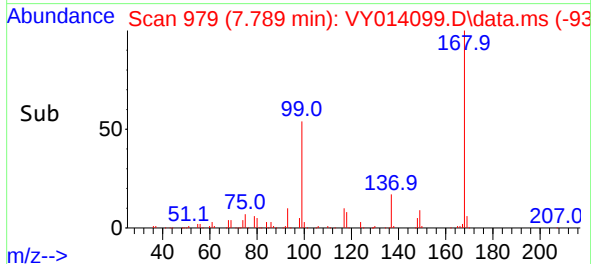
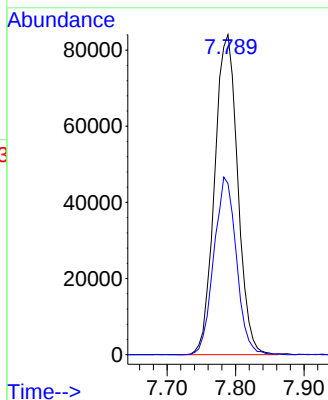
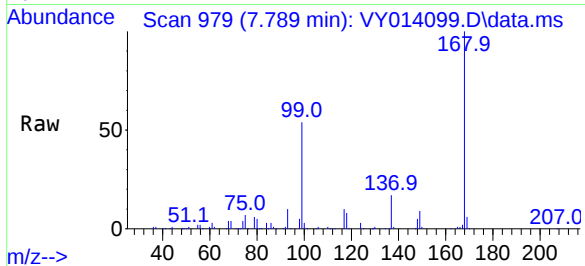




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

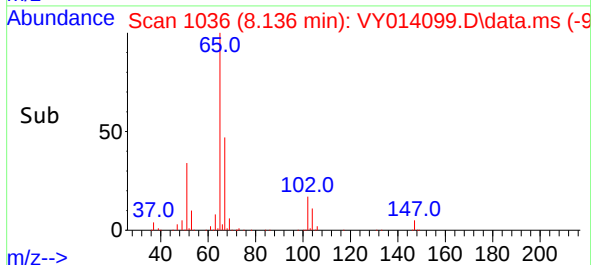
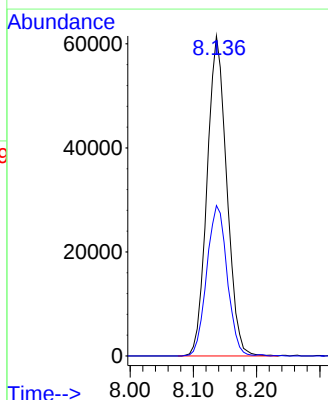
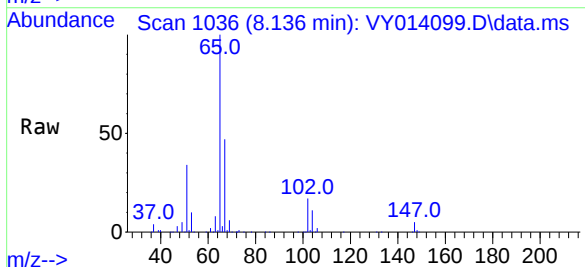
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

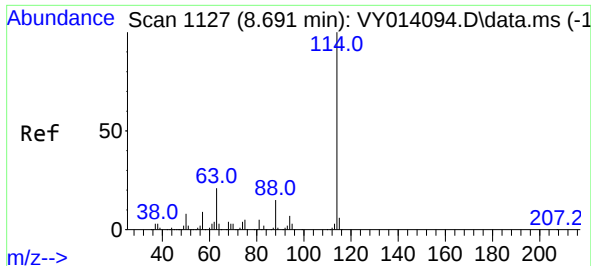
Tgt Ion:168 Resp: 196653
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.487 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Tgt Ion: 65 Resp: 132777
Ion Ratio Lower Upper
65 100
67 48.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY014099.D

Acq: 09 Jun 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBL01

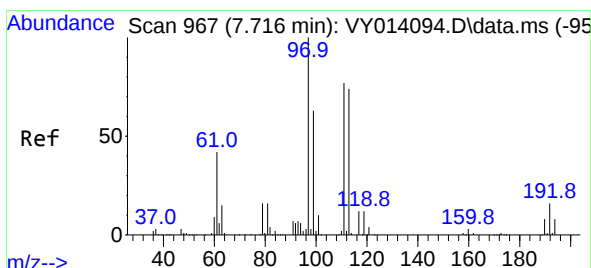
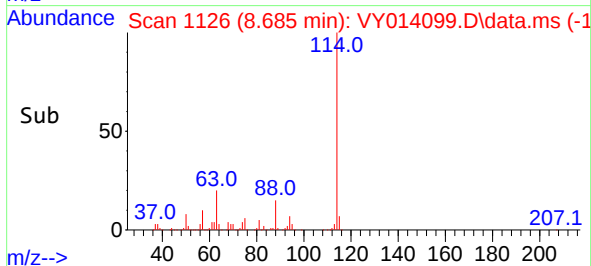
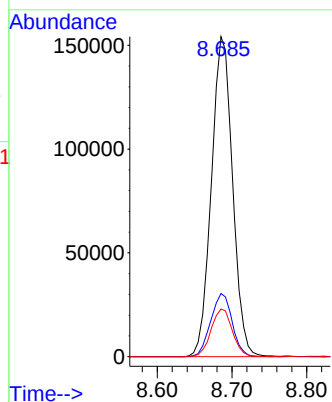
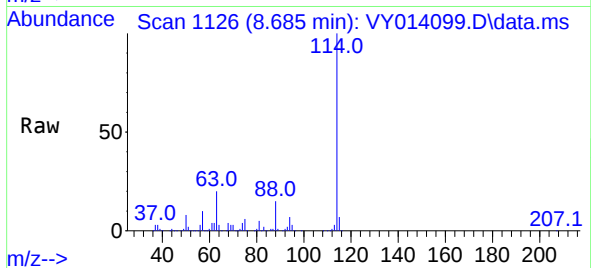
Tgt Ion:114 Resp: 303568

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.622 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014099.D

Acq: 09 Jun 2023 17:00

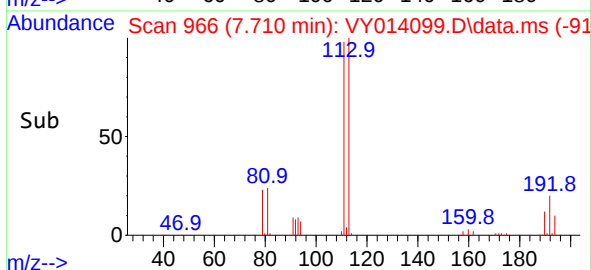
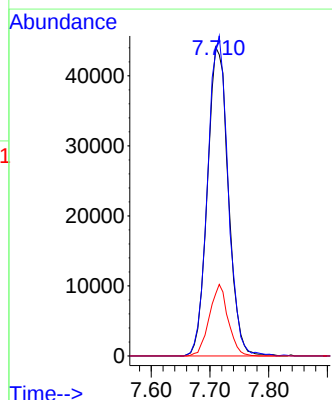
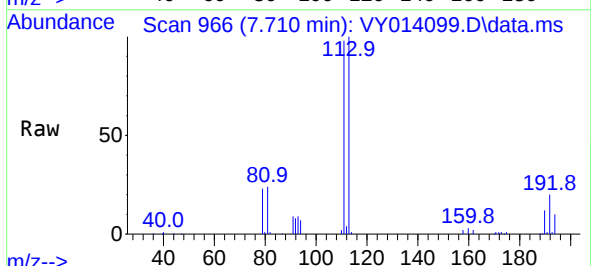
Tgt Ion:113 Resp: 108980

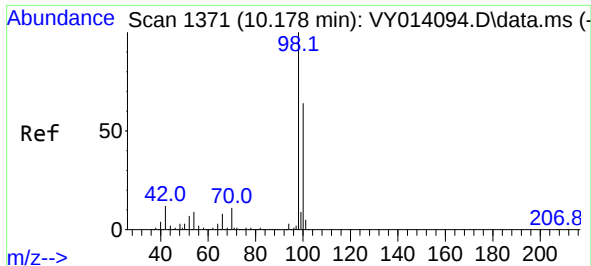
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 20.7 16.9 25.3

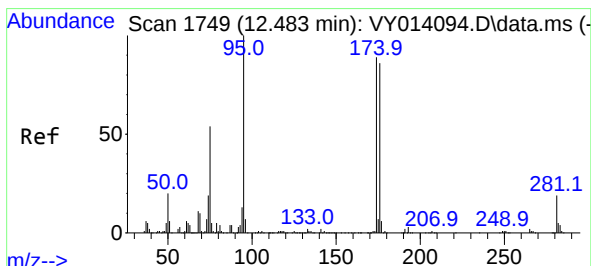
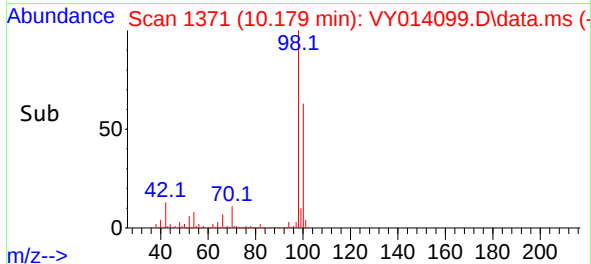
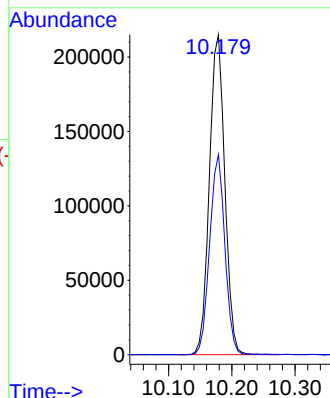
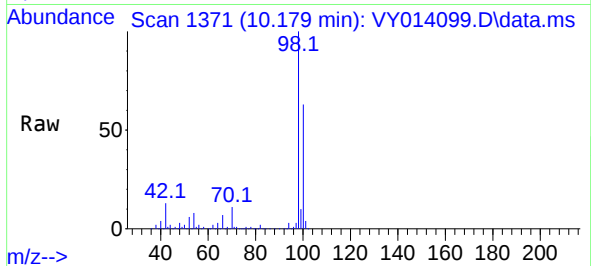




#50
Toluene-d8
Concen: 45.387 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

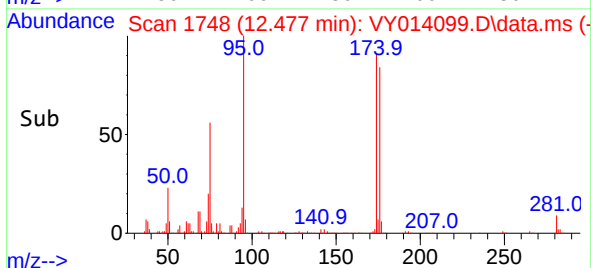
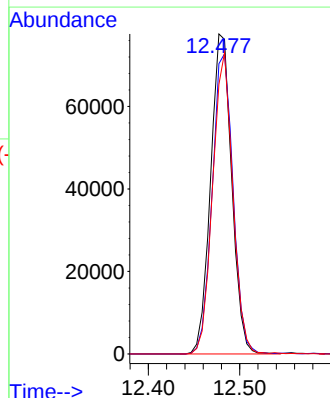
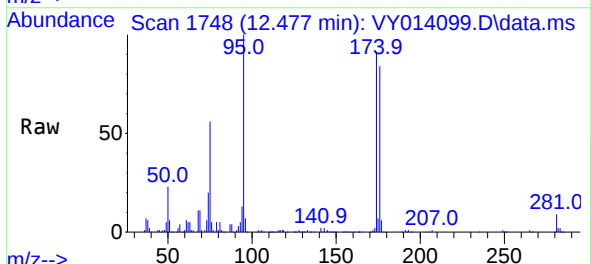
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

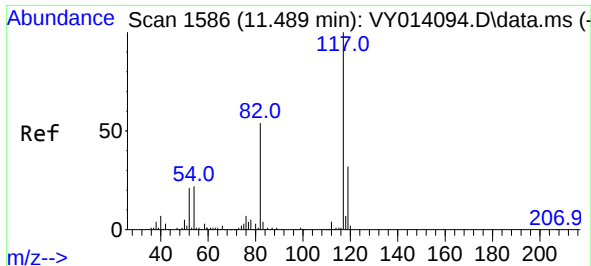
Tgt Ion: 98 Resp: 365304
Ion Ratio Lower Upper
98 100
100 61.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.442 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Tgt Ion: 95 Resp: 124204
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.2
176 90.2 0.0 173.8

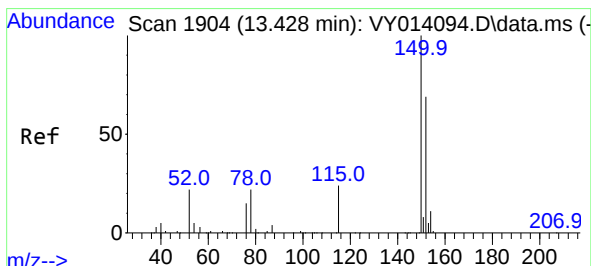
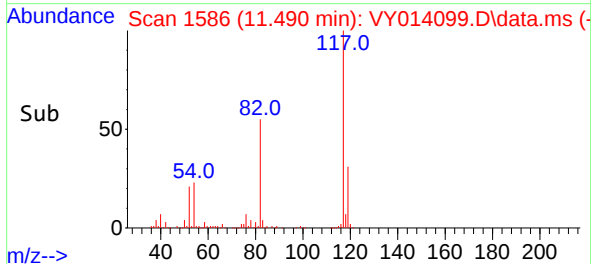
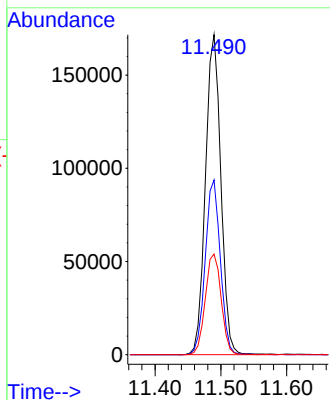
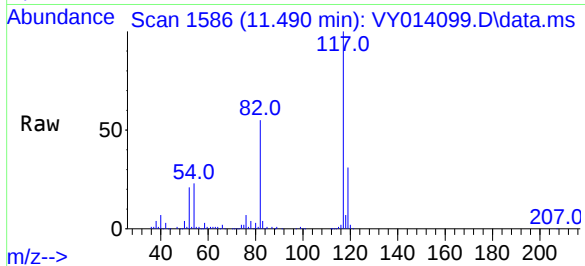




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

Tgt Ion:117 Resp: 280207
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Tgt Ion:152 Resp: 138170
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 155.9 0.0 348.8

