

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014024.D
 Acq On : 06 Jun 2023 12:42
 Operator : KP/MD
 Sample : VY0606SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBL01

Quant Time: Jun 07 01:35:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	194649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	328874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	306036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145277	56.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.760%
35) Dibromofluoromethane	7.716	113	118613	56.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.500%
50) Toluene-d8	10.179	98	404450	50.732	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.460%
62) 4-Bromofluorobenzene	12.483	95	132902	48.899	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.800%

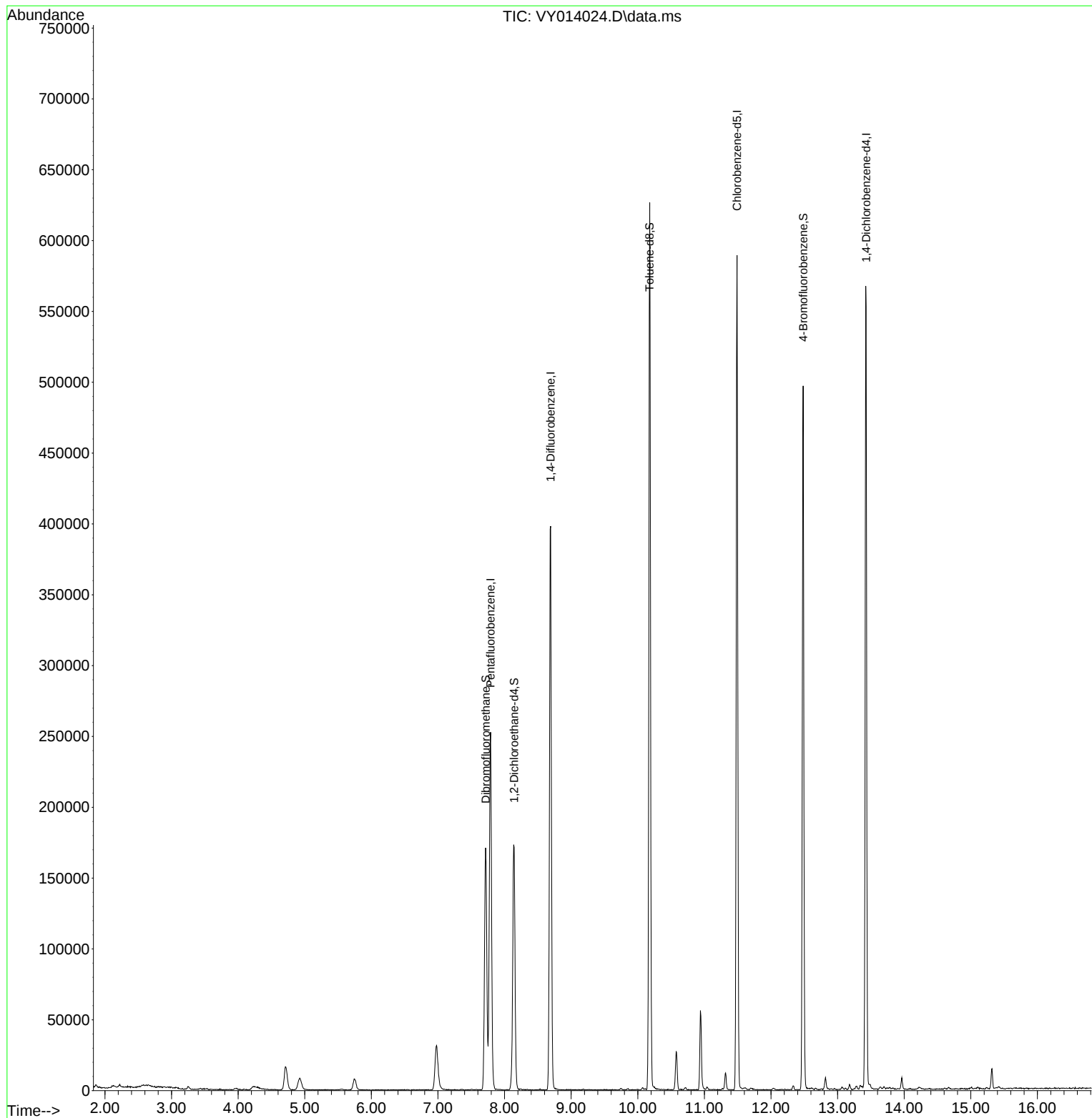
Target Compounds	Qvalue

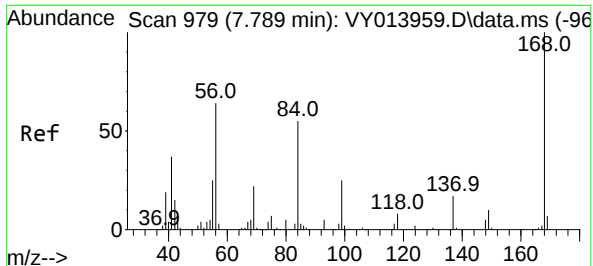
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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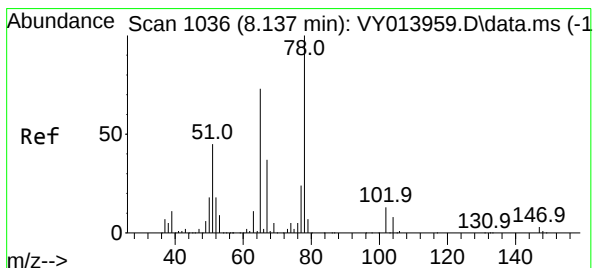
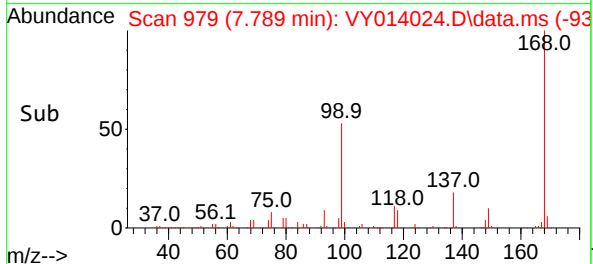
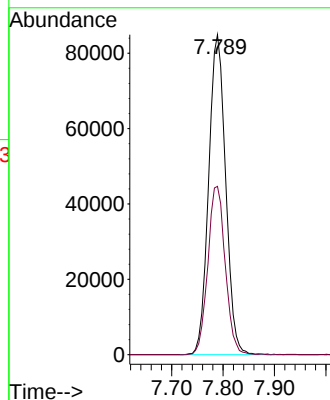
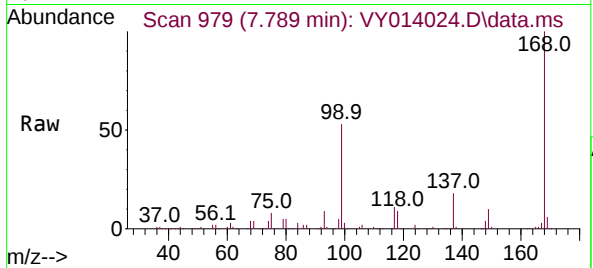




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

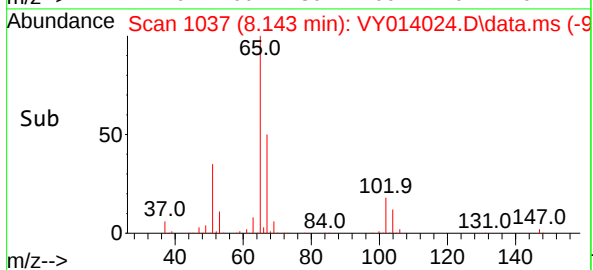
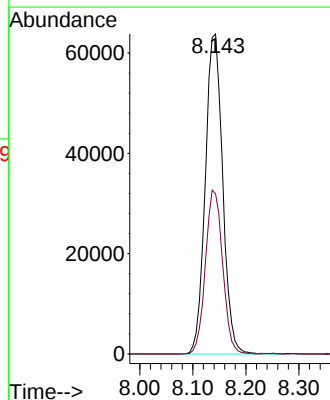
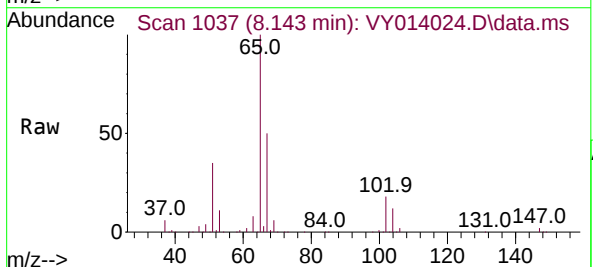
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

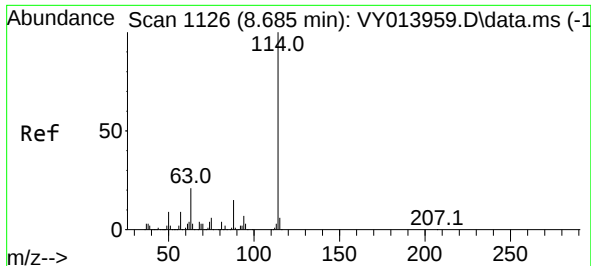
Tgt Ion:168 Resp: 194649
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.381 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Tgt Ion: 65 Resp: 145277
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014024.D

Acq: 06 Jun 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBL01

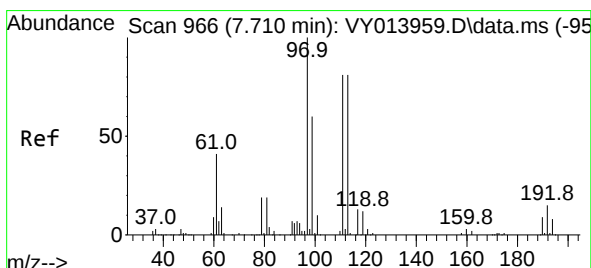
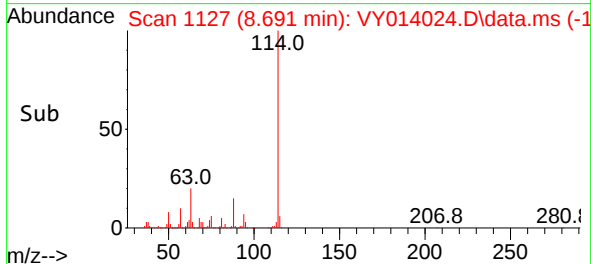
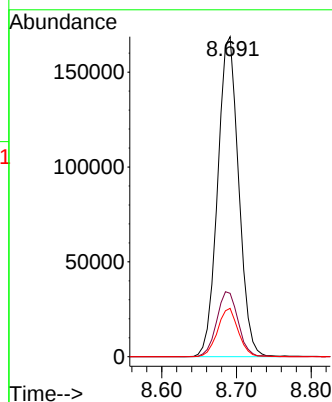
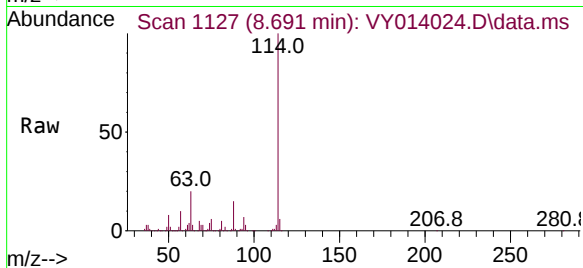
Tgt Ion:114 Resp: 328874

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.752 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014024.D

Acq: 06 Jun 2023 12:42

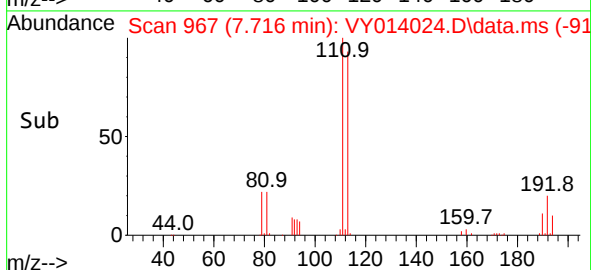
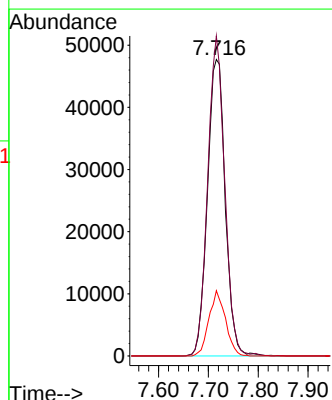
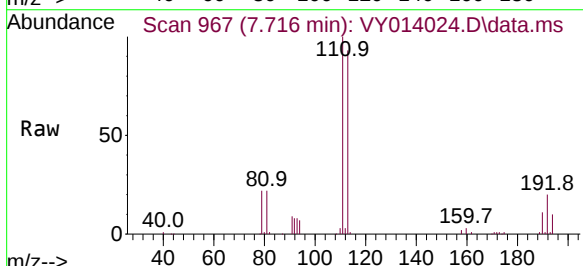
Tgt Ion:113 Resp: 118613

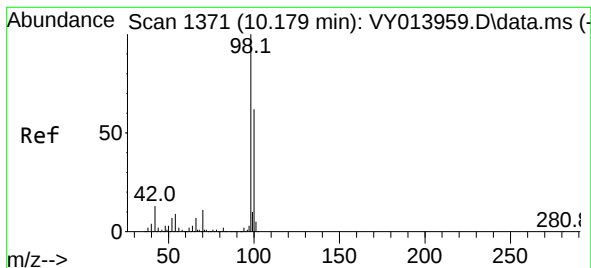
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 20.4 16.9 25.3

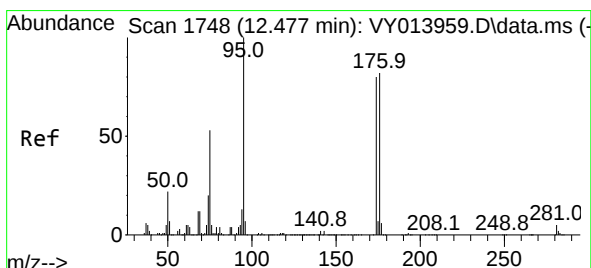
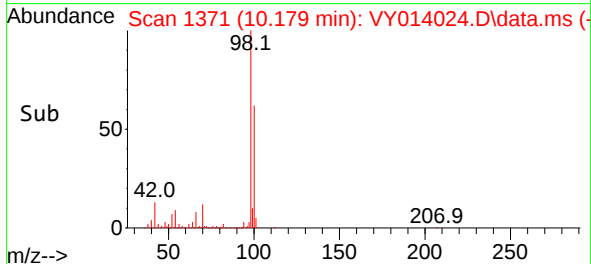
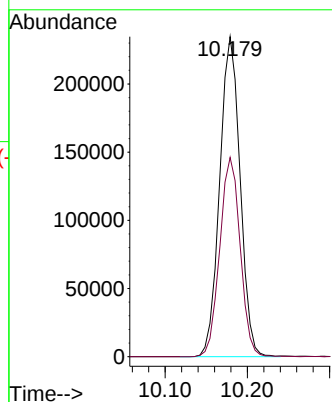
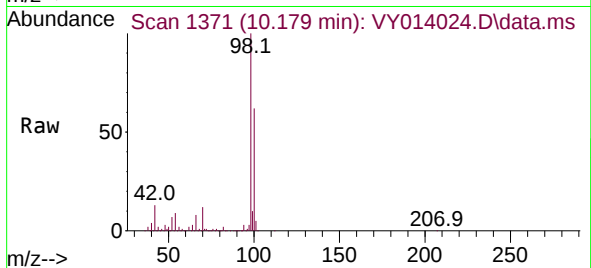




#50
Toluene-d8
Concen: 50.732 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

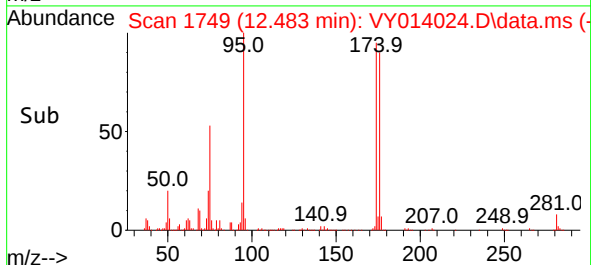
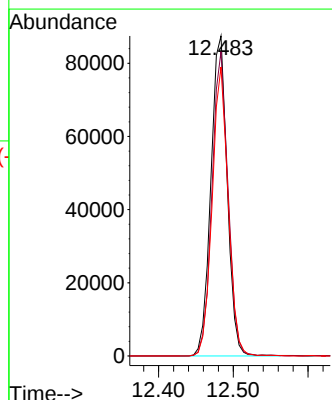
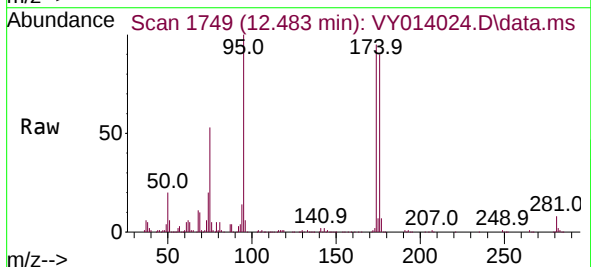
Instrument :
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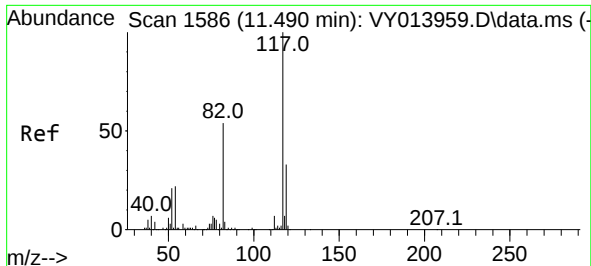
Tgt Ion: 98 Resp: 404450
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.899 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Tgt Ion: 95 Resp: 132902
Ion Ratio Lower Upper
95 100
174 93.3 0.0 178.2
176 88.6 0.0 173.8

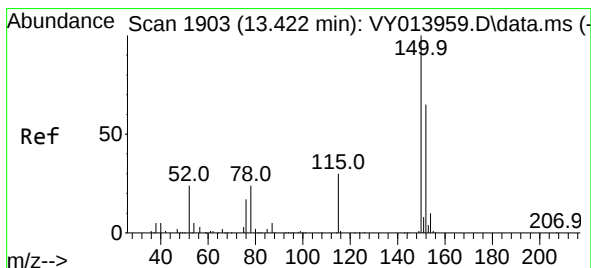
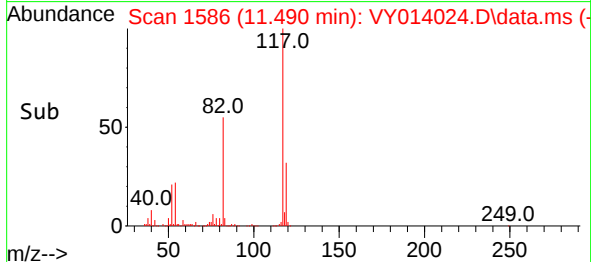
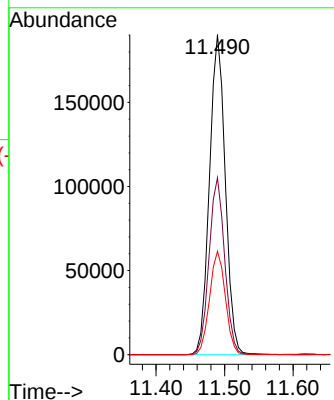
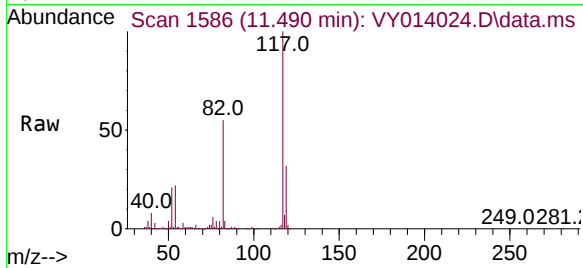




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

Tgt Ion:117 Resp: 306036
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Tgt Ion:152 Resp: 144358
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 158.1 0.0 348.8

