

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY013999.D
 Acq On : 05 Jun 2023 11:57
 Operator : KP/MD
 Sample : VY0605SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBL01

Quant Time: Jun 05 15:31:08 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	221628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	354266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	147616	50.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.640%
35) Dibromofluoromethane	7.722	113	118175	52.490	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.980%
50) Toluene-d8	10.179	98	420003	48.907	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.483	95	135733	46.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.720%

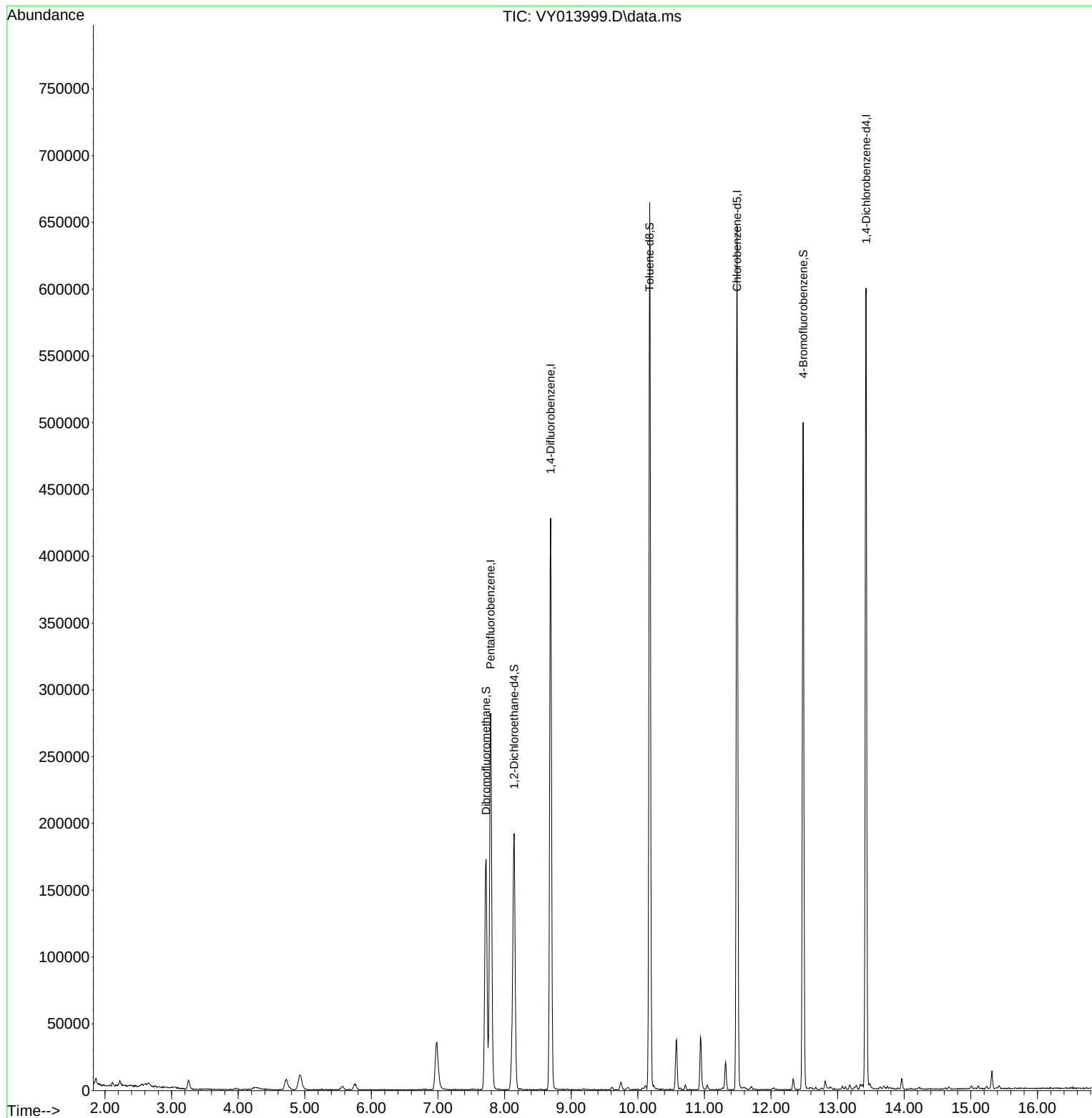
Target Compounds	Qvalue

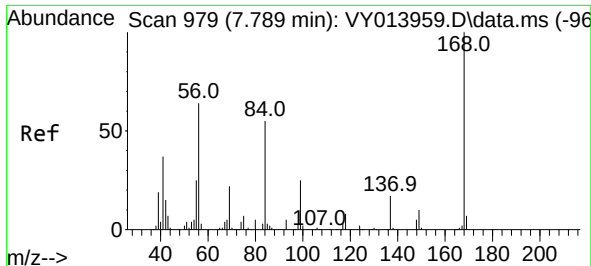
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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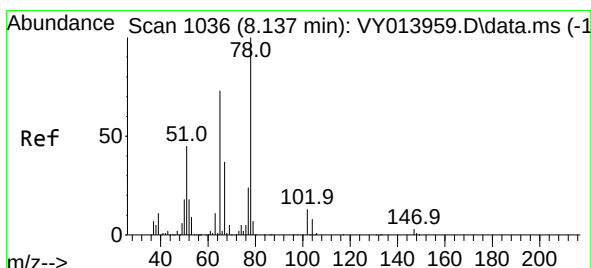
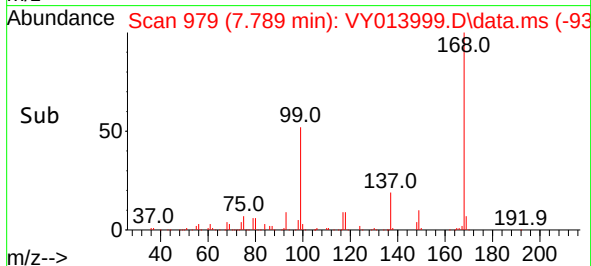
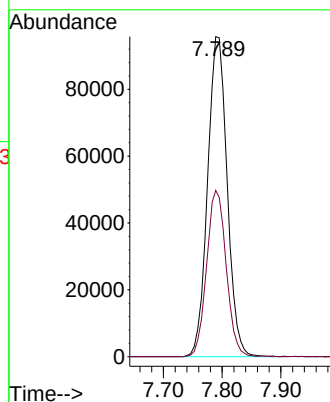
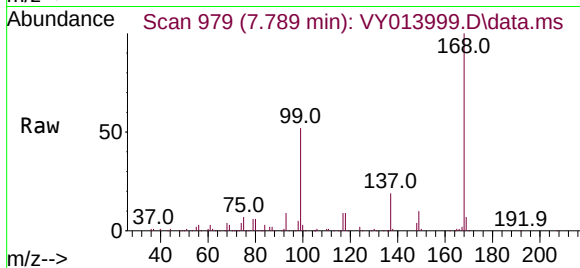




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013999.D
Acq: 05 Jun 2023 11:57

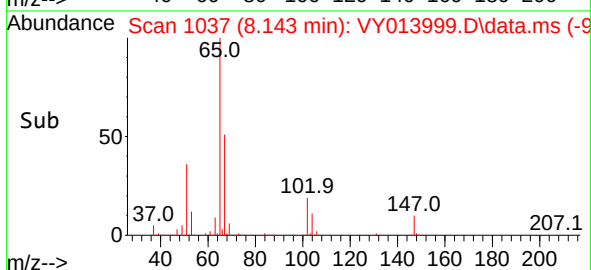
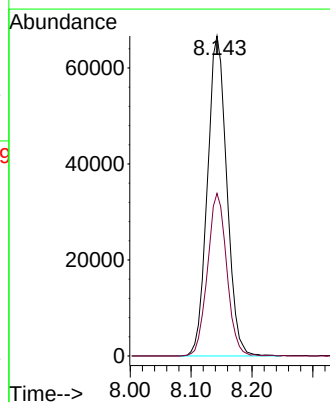
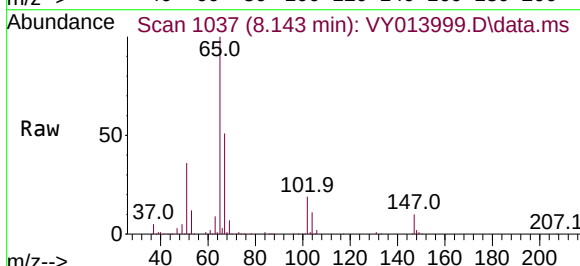
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

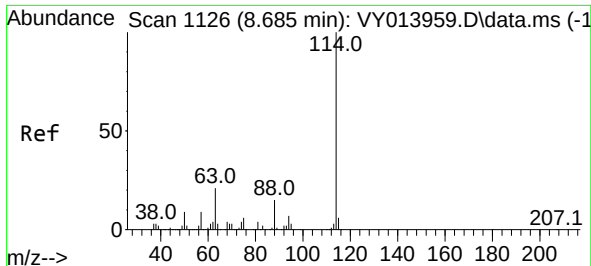
Tgt Ion:168 Resp: 221628
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.315 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013999.D
Acq: 05 Jun 2023 11:57

Tgt Ion: 65 Resp: 147616
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

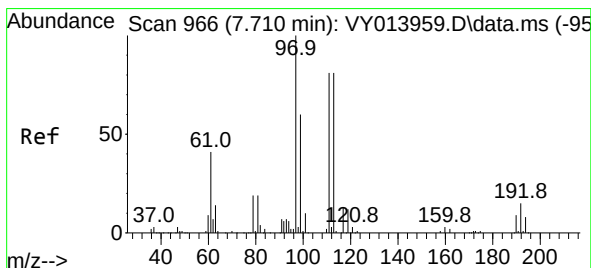
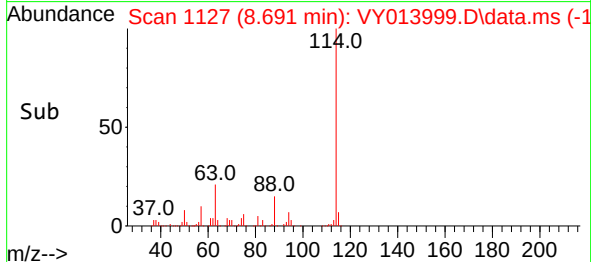
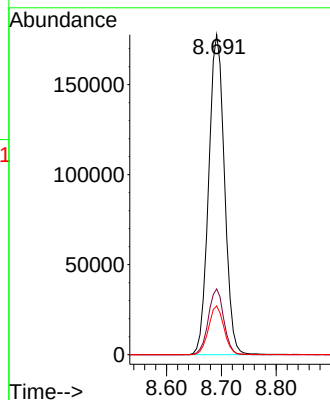
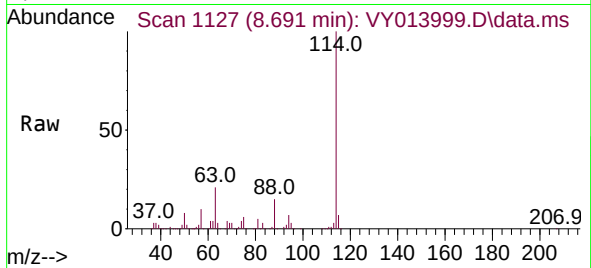




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY013999.D
Acq: 05 Jun 2023 11:57

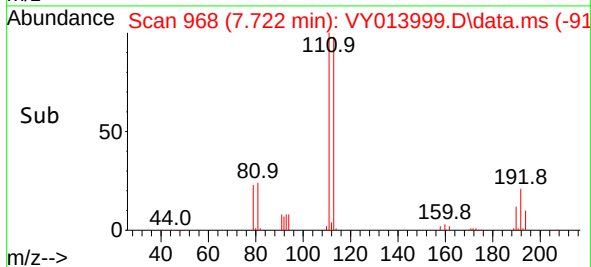
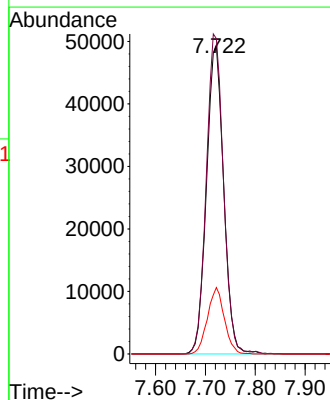
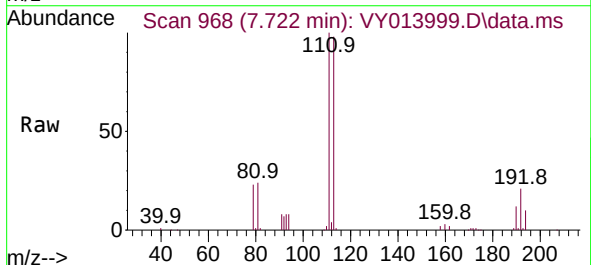
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

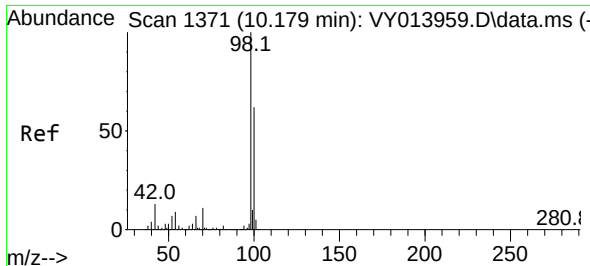
Tgt Ion:114 Resp: 354266
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.490 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY013999.D
Acq: 05 Jun 2023 11:57

Tgt Ion:113 Resp: 118175
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 21.2 16.9 25.3

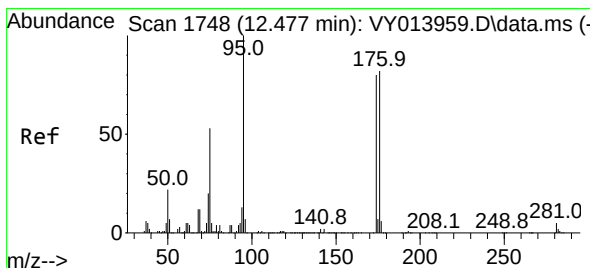
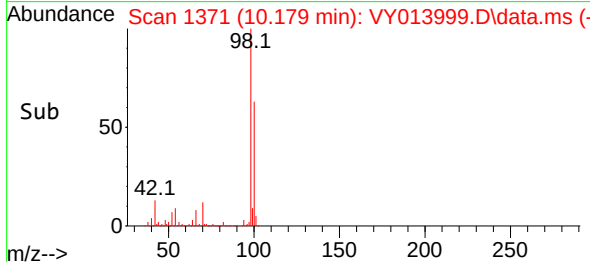
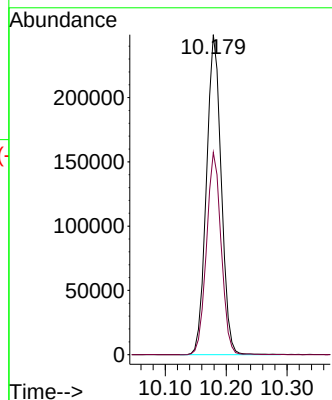
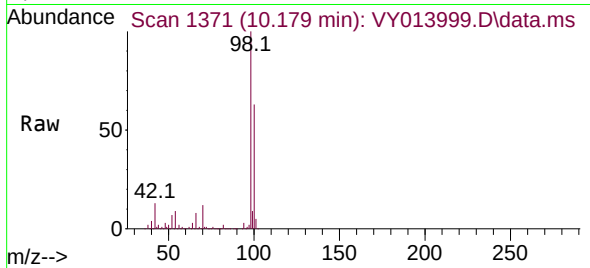




#50
Toluene-d8
Concen: 48.907 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013999.D
Acq: 05 Jun 2023 11:57

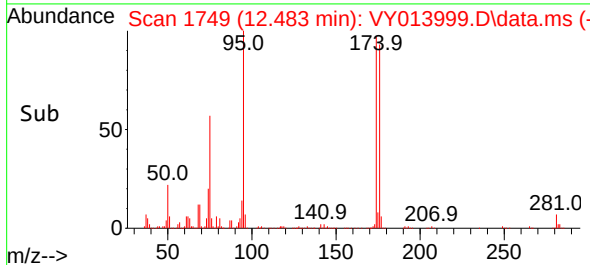
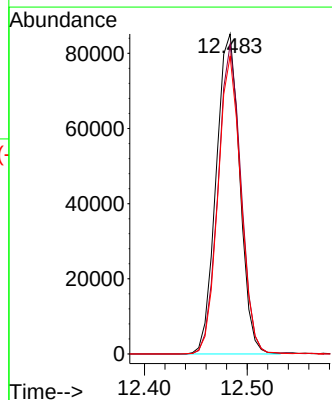
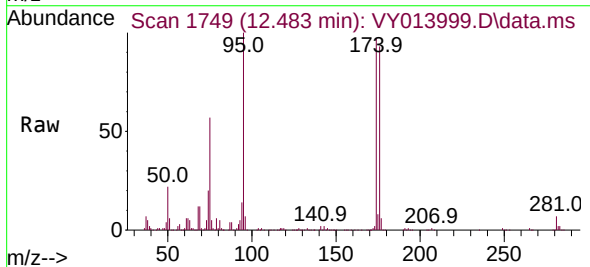
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

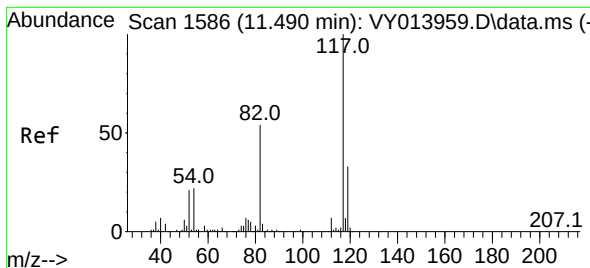
Tgt Ion: 98 Resp: 420003
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013999.D
Acq: 05 Jun 2023 11:57

Tgt Ion: 95 Resp: 135733
Ion Ratio Lower Upper
95 100
174 94.0 0.0 178.2
176 90.1 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: VY013999.D

Acq: 05 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBL01

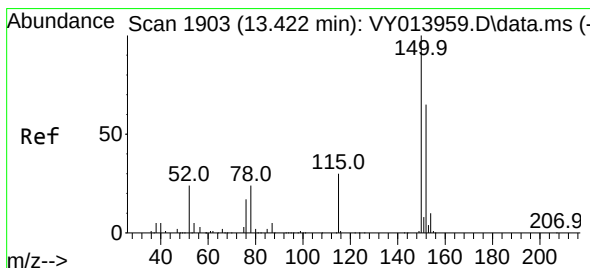
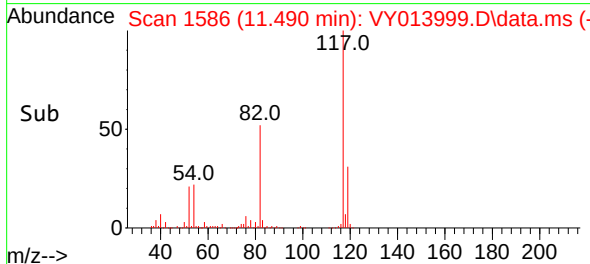
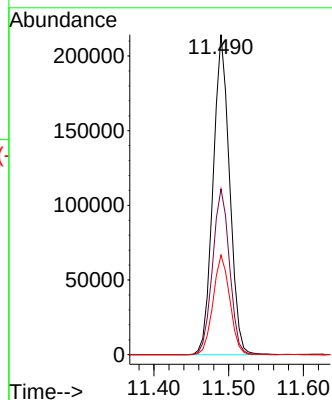
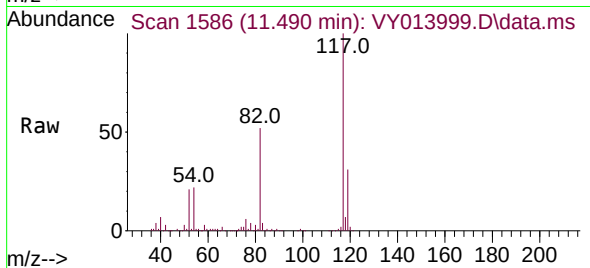
Tgt Ion:117 Resp: 328751

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 31.1 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: VY013999.D

Acq: 05 Jun 2023 11:57

Tgt Ion:152 Resp: 156311

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 155.4 0.0 348.8

