

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014038.D
 Acq On : 06 Jun 2023 18:09
 Operator : KP/MD
 Sample : 03039-05RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB31BRE

Quant Time: Jun 07 01:41:21 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	42816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	68880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	66697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29880	52.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.440%
35) Dibromofluoromethane	7.716	113	26181	59.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.620%
50) Toluene-d8	10.179	98	84806	50.790	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.477	95	25134	44.153	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.300%

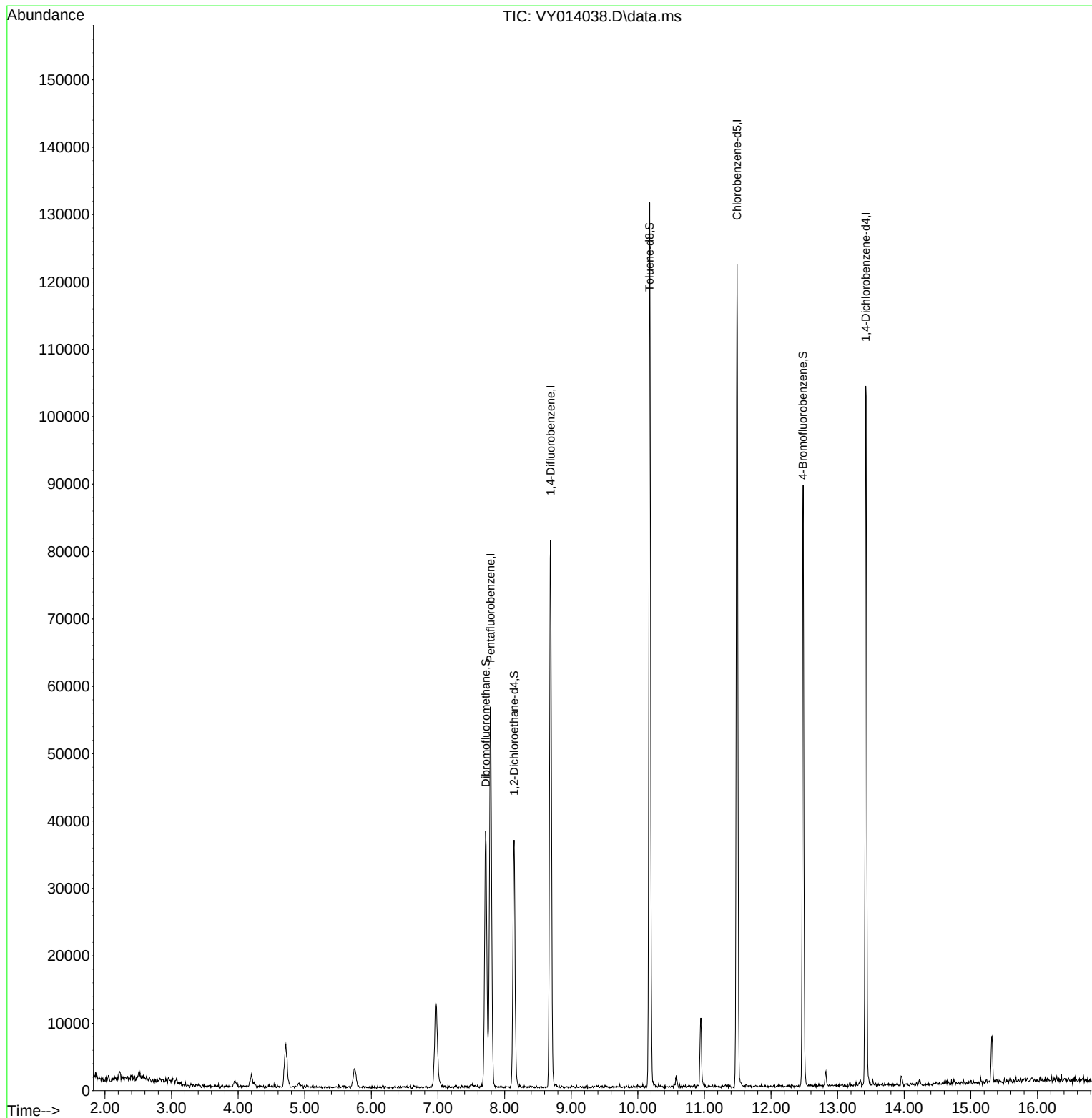
Target Compounds	Qvalue

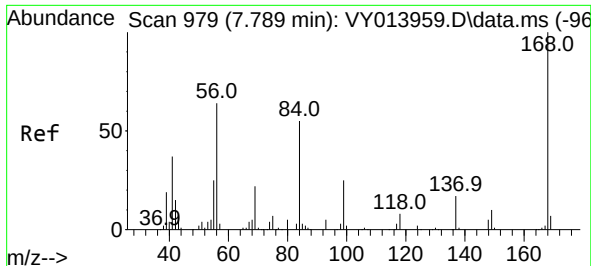
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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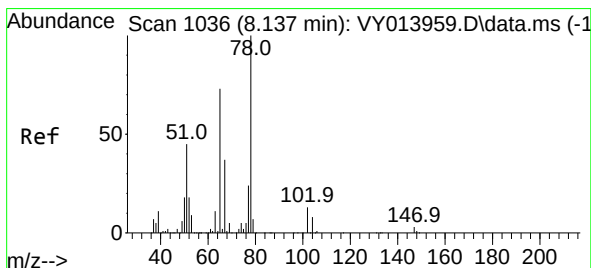
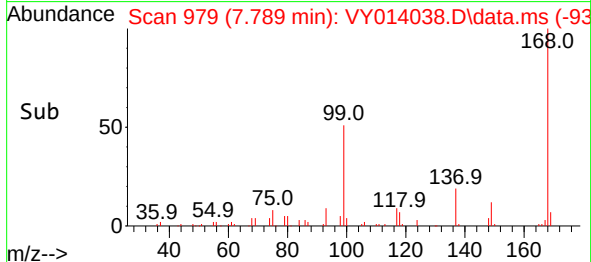
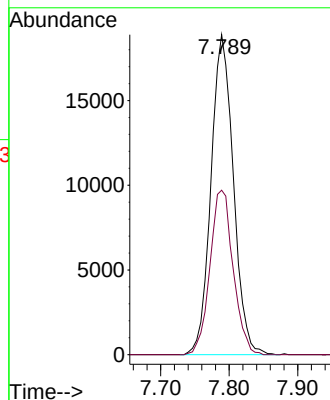
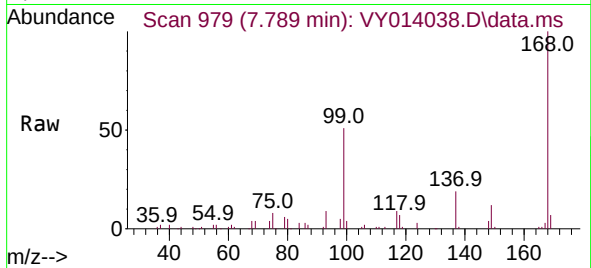




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

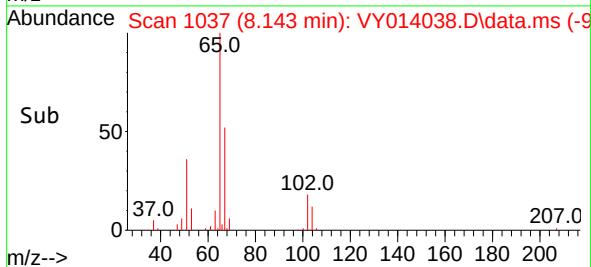
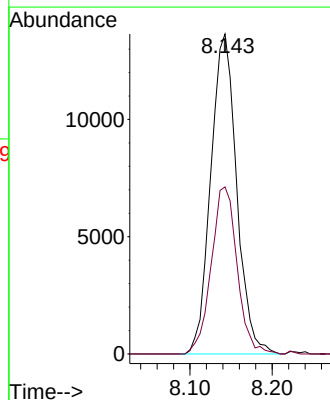
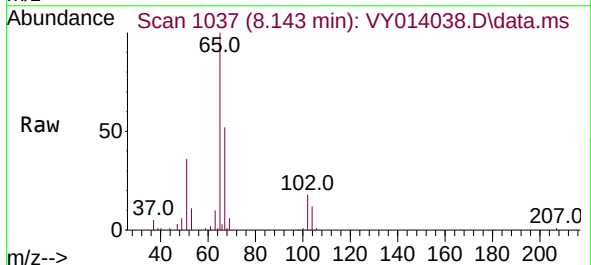
Instrument :
MSVOA_Y
ClientSampleId :
SB31BRE

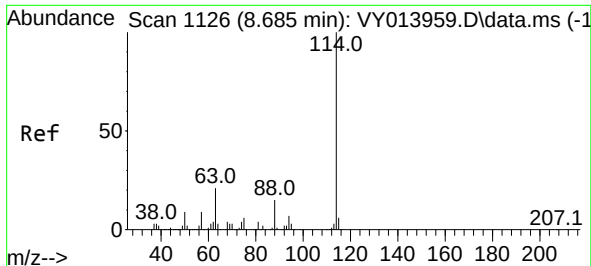
Tgt Ion:168 Resp: 42816
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.719 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

Tgt Ion: 65 Resp: 29880
Ion Ratio Lower Upper
65 100
67 52.2 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: VY014038.D

Acq: 06 Jun 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

SB31BRE

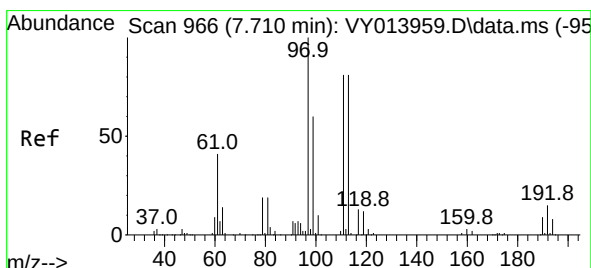
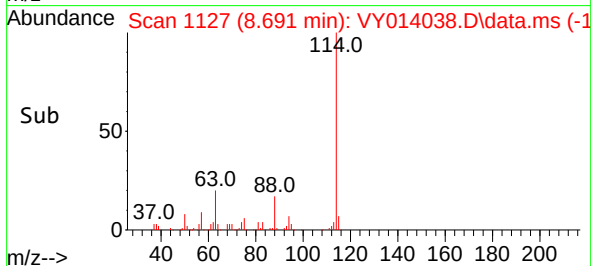
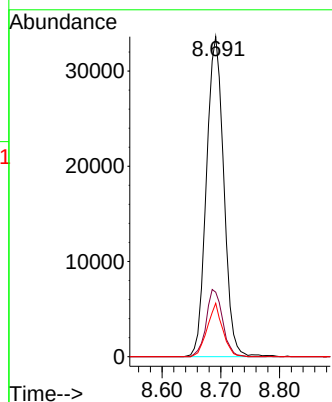
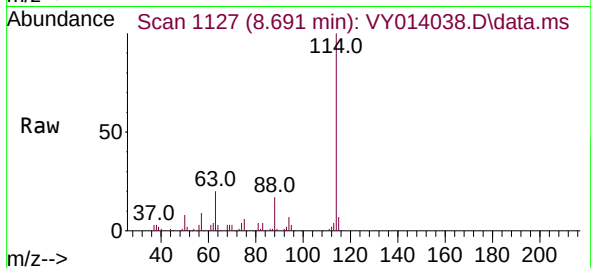
Tgt Ion:114 Resp: 68880

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 16.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.809 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014038.D

Acq: 06 Jun 2023 18:09

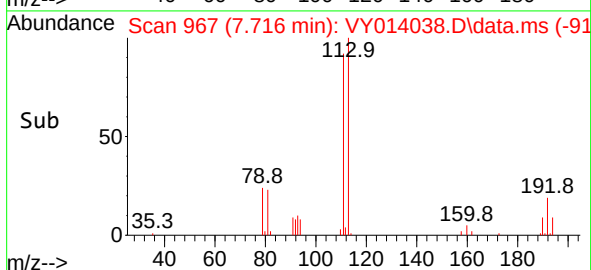
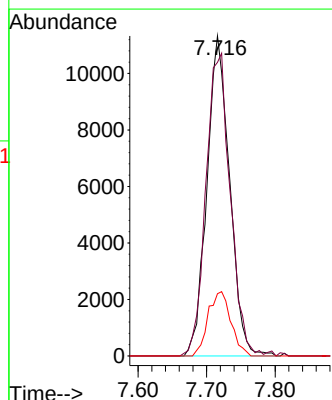
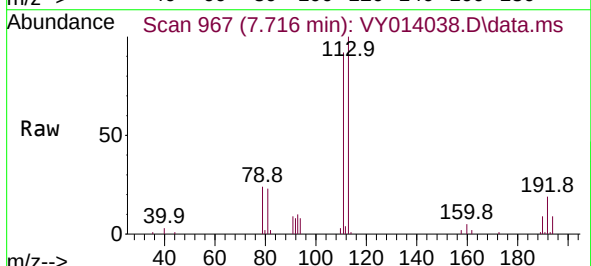
Tgt Ion:113 Resp: 26181

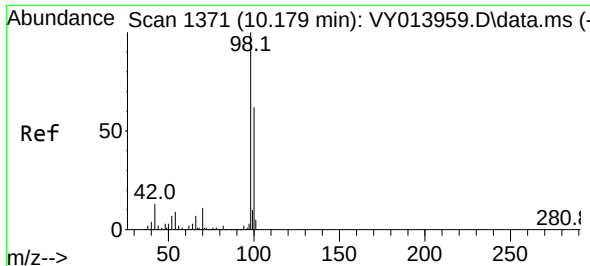
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 20.1 16.9 25.3

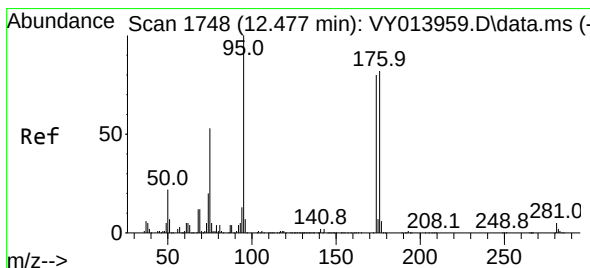
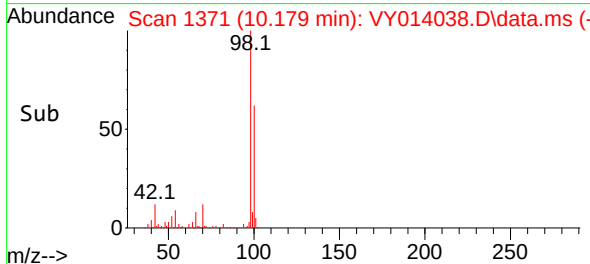
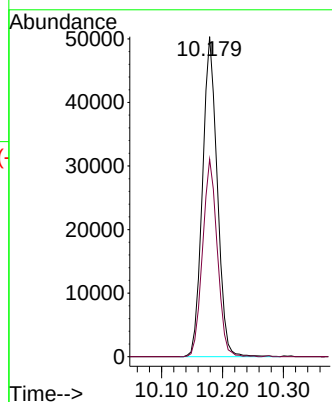
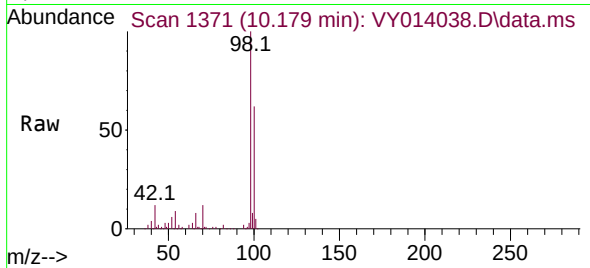




#50
Toluene-d8
Concen: 50.790 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

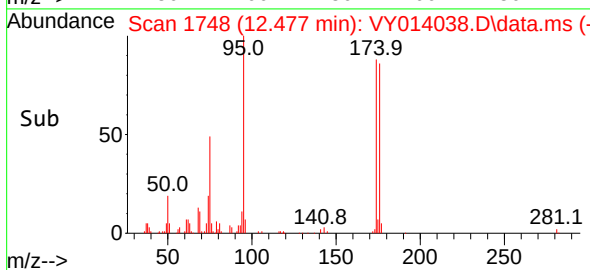
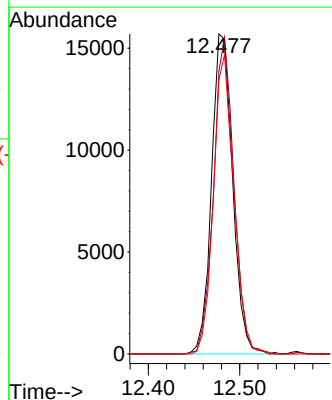
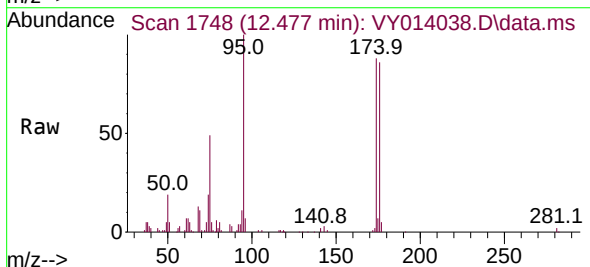
Instrument :
MSVOA_Y
ClientSampleId :
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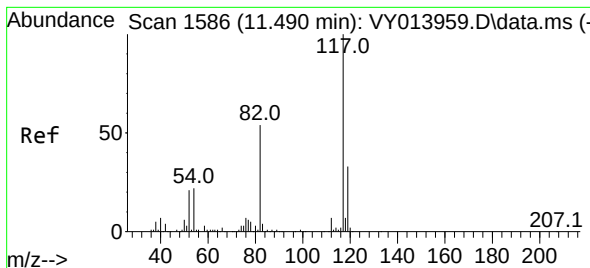
Tgt Ion: 98 Resp: 84806
Ion Ratio Lower Upper
98 100
100 61.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.153 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

Tgt Ion: 95 Resp: 25134
Ion Ratio Lower Upper
95 100
174 95.5 0.0 178.2
176 90.5 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: VY014038.D

Acq: 06 Jun 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

SB31BRE

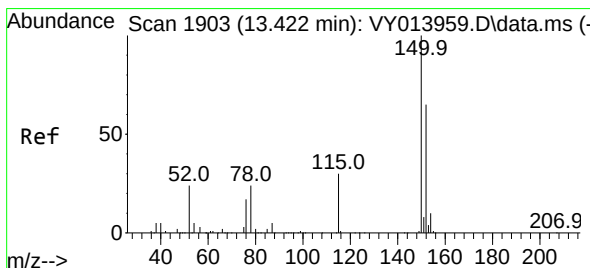
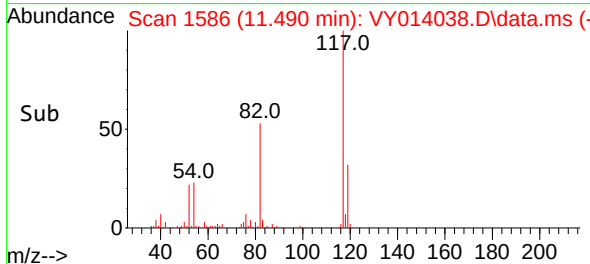
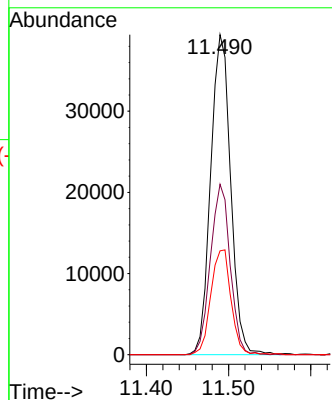
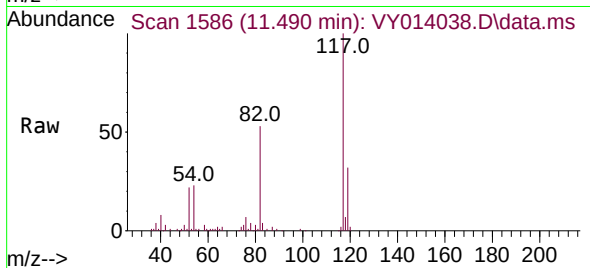
Tgt Ion:117 Resp: 66697

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014038.D

Acq: 06 Jun 2023 18:09

Tgt Ion:152 Resp: 27633

Ion Ratio Lower Upper

152 100

115 54.3 28.8 86.5

150 158.3 0.0 348.8

