

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014065.D
 Acq On : 07 Jun 2023 17:15
 Operator : KP/MD
 Sample : 03044-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-5-7.0

Quant Time: Jun 08 02:34:14 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	35204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	22842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4718	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5433	11.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	23.320%#
35) Dibromofluoromethane	7.716	113	9692	35.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.740%
50) Toluene-d8	10.179	98	45912	43.926	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.860%
62) 4-Bromofluorobenzene	12.483	95	5222	14.655	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	29.300%#

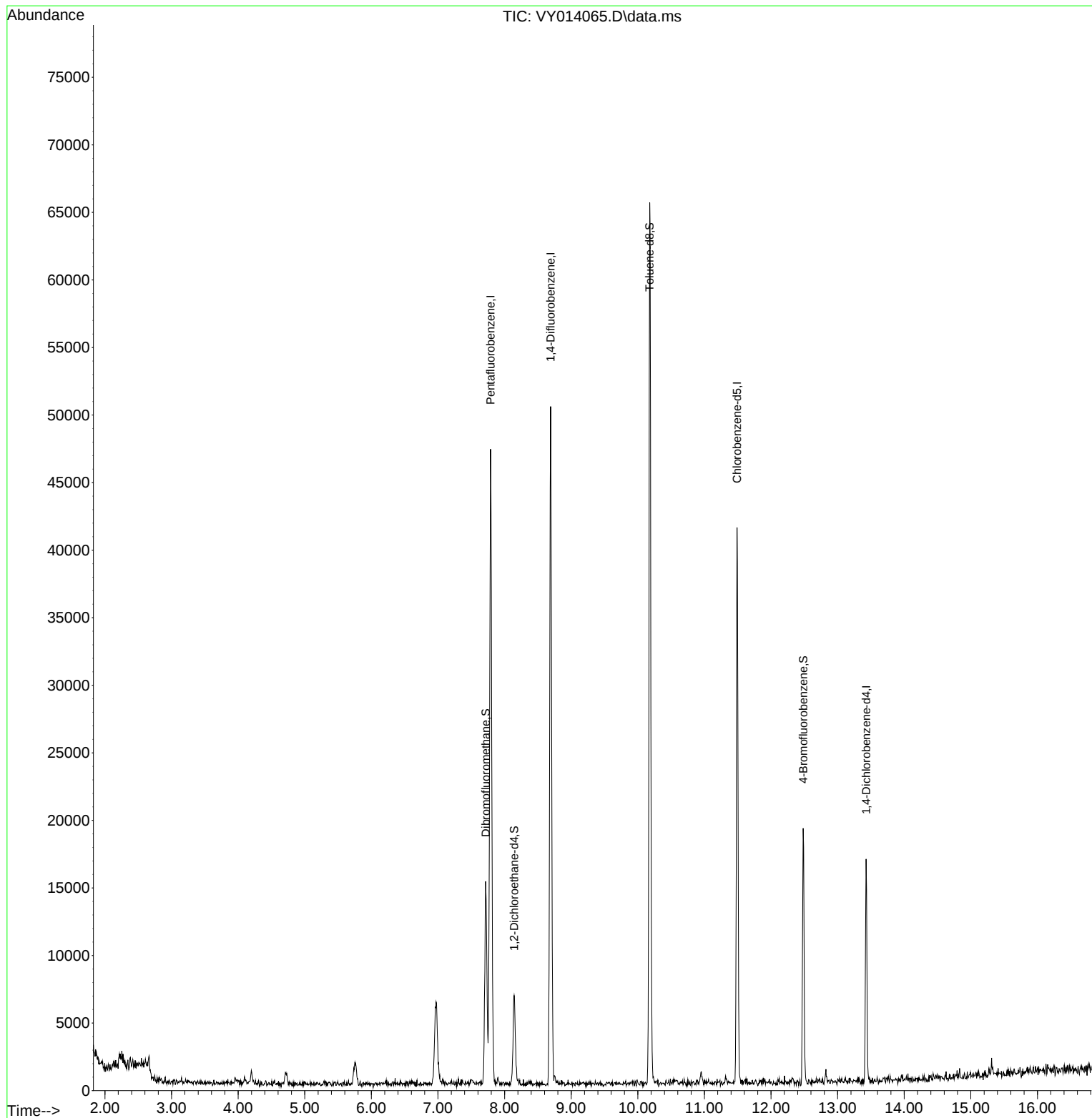
Target Compounds	Qvalue

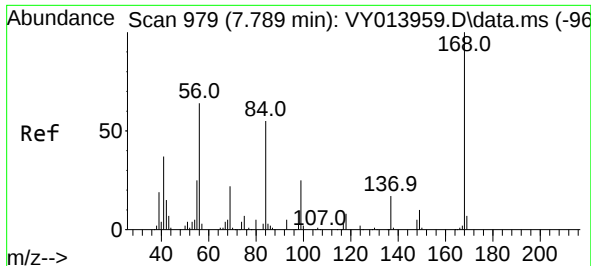
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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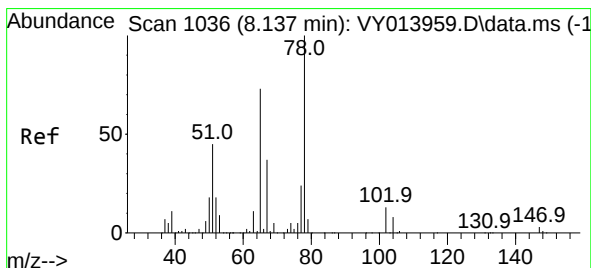
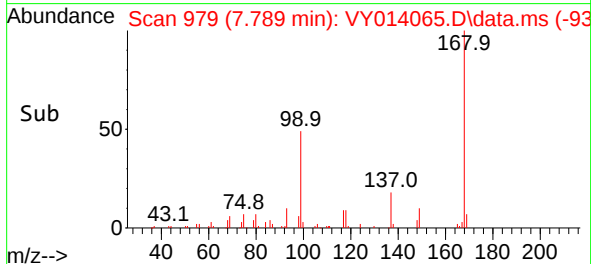
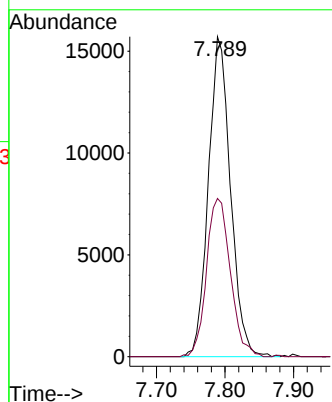
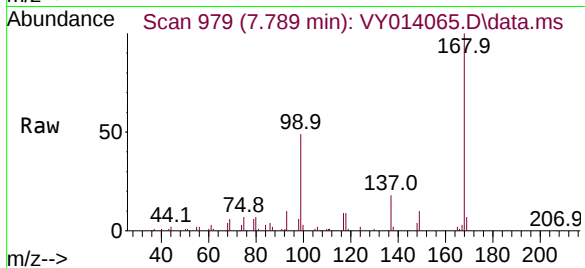




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

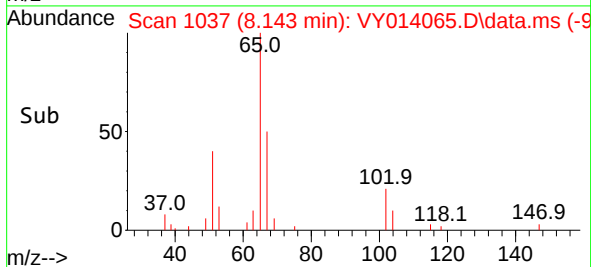
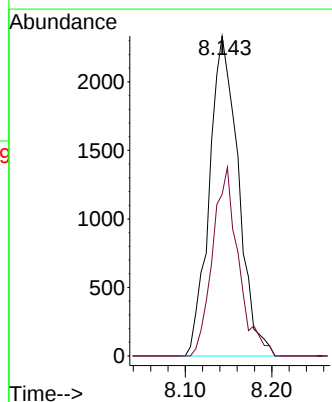
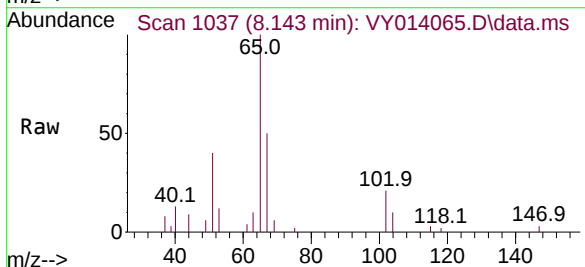
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

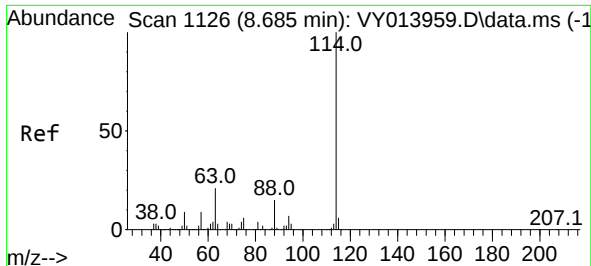
Tgt Ion:168 Resp: 35204
Ion Ratio Lower Upper
168 100
99 49.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 11.658 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Tgt Ion: 65 Resp: 5433
Ion Ratio Lower Upper
65 100
67 52.6 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: VY014065.D

Acq: 07 Jun 2023 17:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-5-7.0

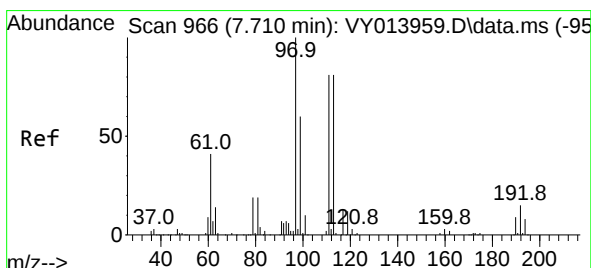
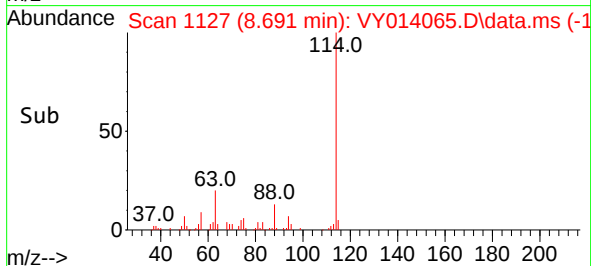
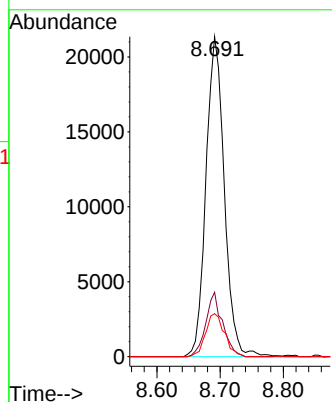
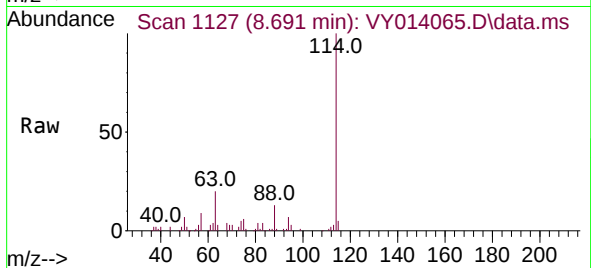
Tgt Ion:114 Resp: 43117

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 35.371 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014065.D

Acq: 07 Jun 2023 17:15

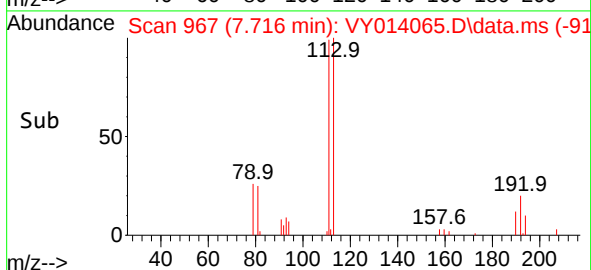
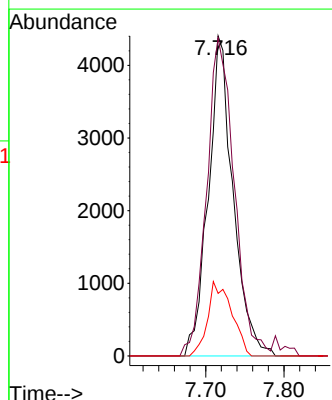
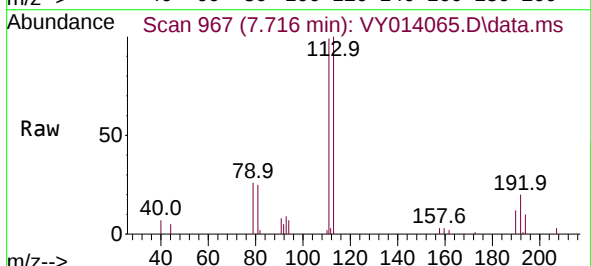
Tgt Ion:113 Resp: 9692

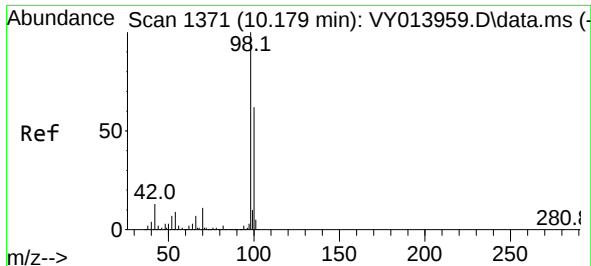
Ion Ratio Lower Upper

113 100

111 110.5 81.3 121.9

192 22.5 16.9 25.3

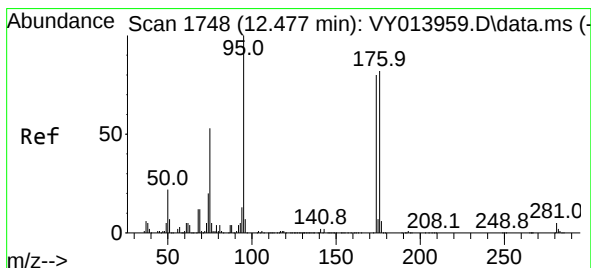
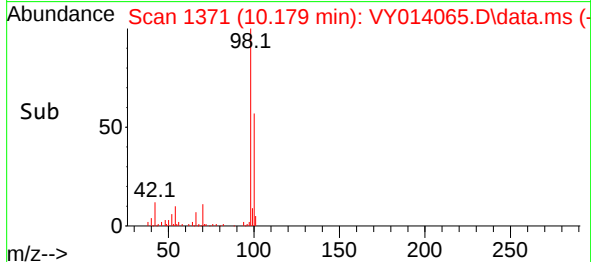
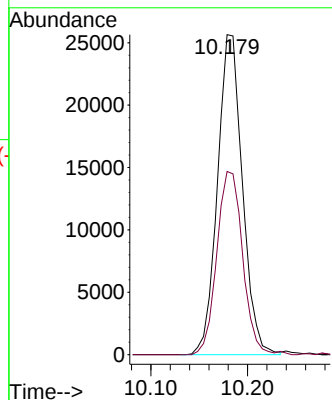
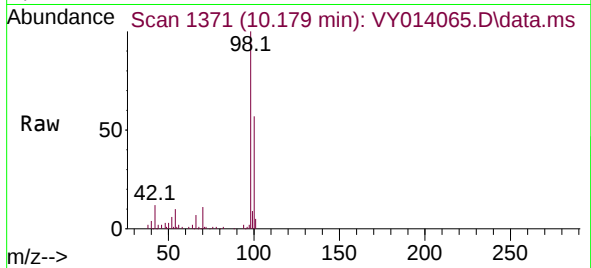




#50
Toluene-d8
Concen: 43.926 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

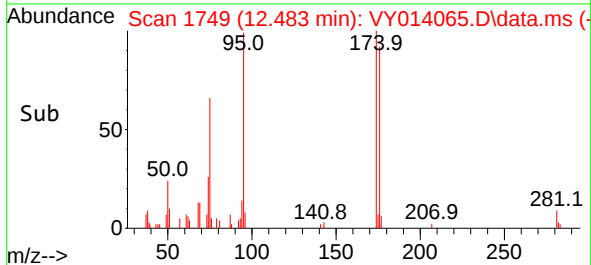
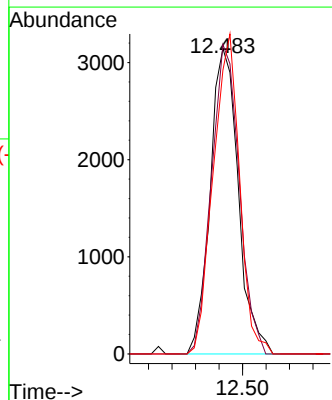
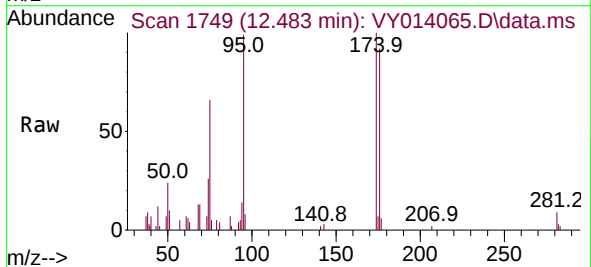
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

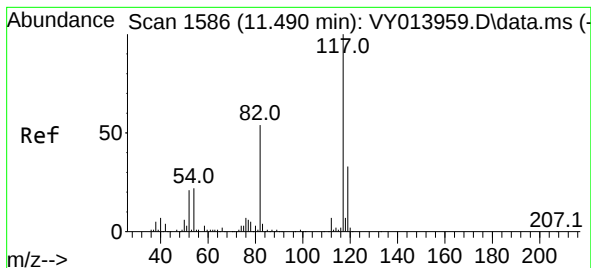
Tgt Ion: 98 Resp: 45912
Ion Ratio Lower Upper
98 100
100 59.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 14.655 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Tgt Ion: 95 Resp: 5222
Ion Ratio Lower Upper
95 100
174 100.3 0.0 178.2
176 98.1 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: VY014065.D

Acq: 07 Jun 2023 17:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-5-7.0

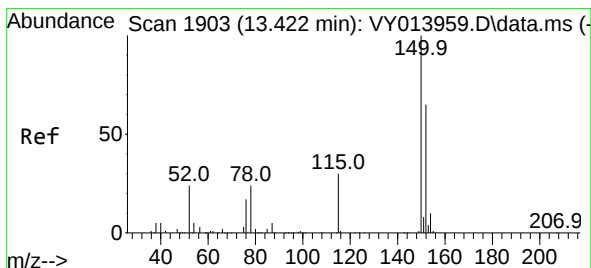
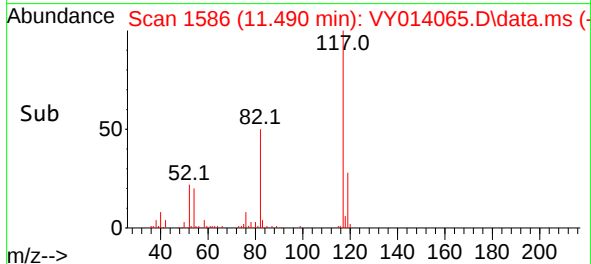
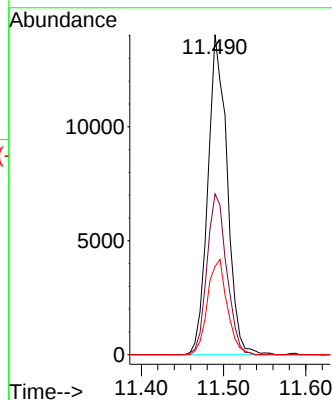
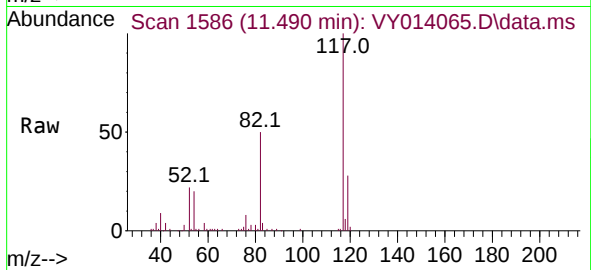
Tgt Ion:117 Resp: 22842

Ion Ratio Lower Upper

117 100

82 50.2 43.4 65.0

119 27.6 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: VY014065.D

Acq: 07 Jun 2023 17:15

Tgt Ion:152 Resp: 4718

Ion Ratio Lower Upper

152 100

115 52.1 28.8 86.5

150 152.8 0.0 348.8

