

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014165.D
 Acq On : 14 Jun 2023 19:47
 Operator : KP/MD
 Sample : 03223-11
 Misc : 12.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-05-GRAB-6

Quant Time: Jun 15 01:46:32 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	7.795	168	140353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104258	53.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.680%	
35) Dibromofluoromethane	7.716	113	84601	50.002	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.000%	
50) Toluene-d8	10.179	98	286924	45.360	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.720%	
62) 4-Bromofluorobenzene	12.483	95	66569	29.626	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 59.260%	

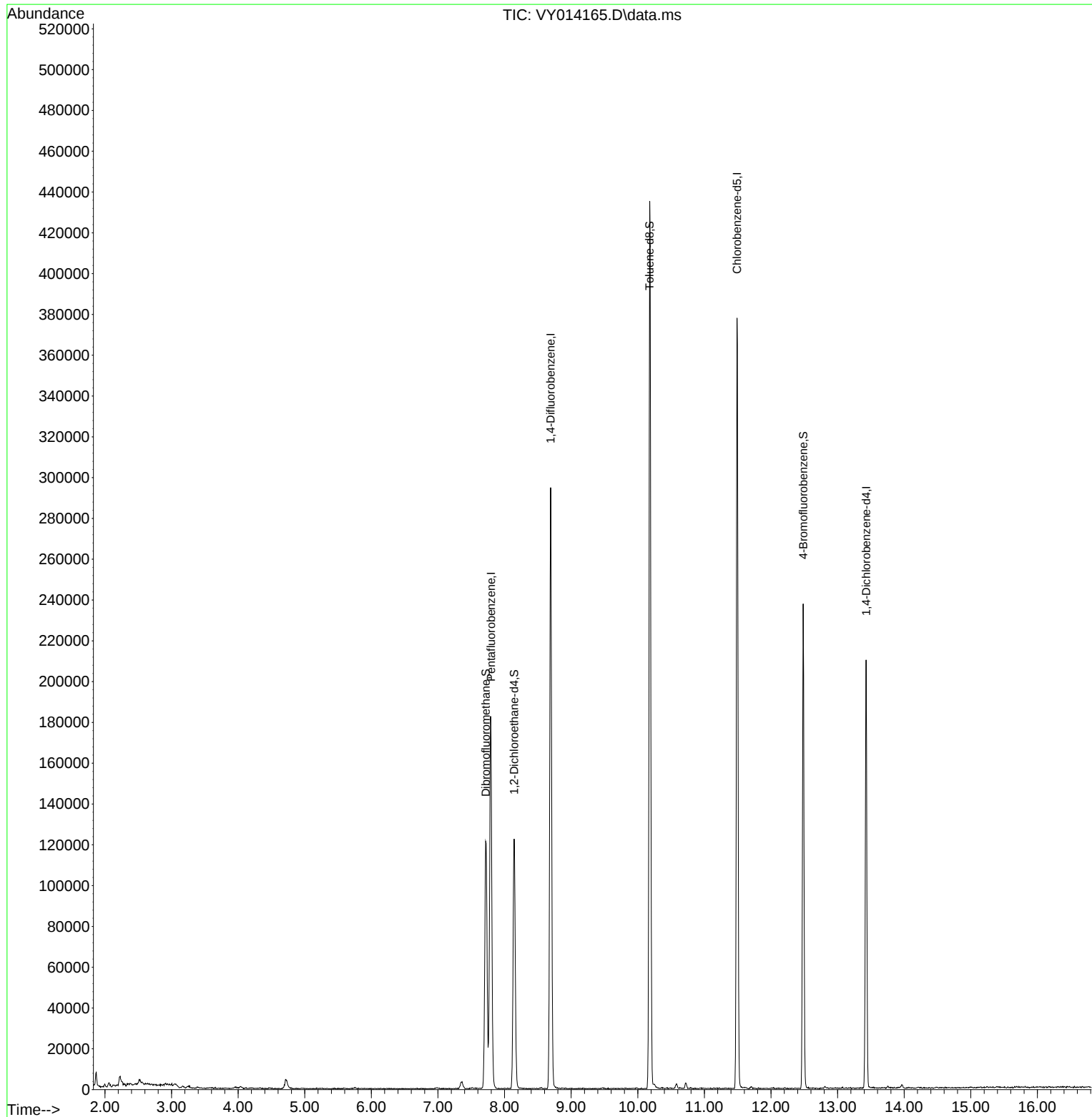
Target Compounds	Qvalue

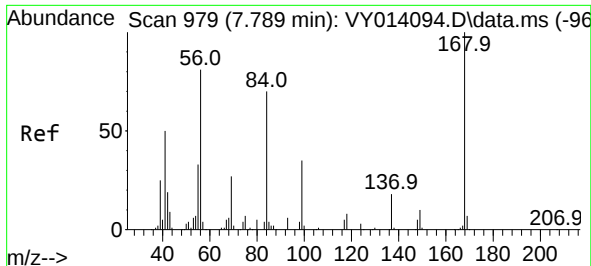
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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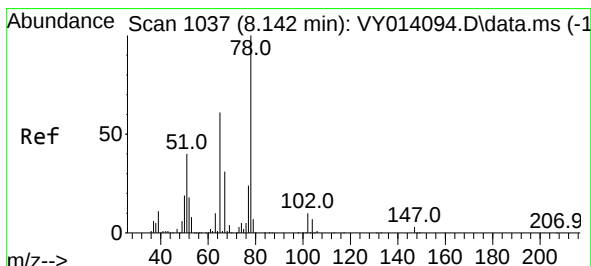
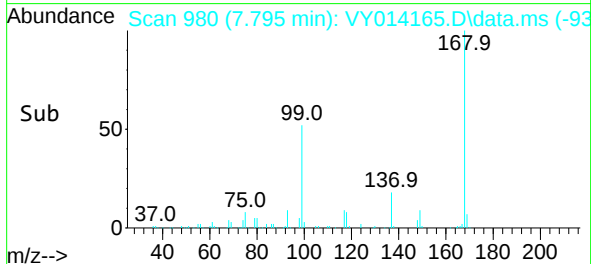
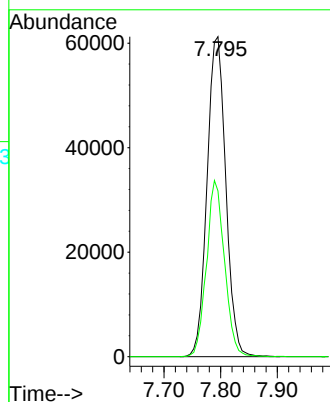
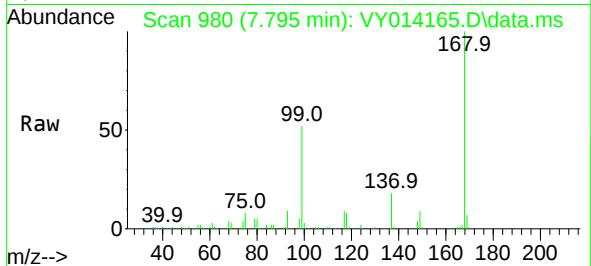




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014165.D
Acq: 14 Jun 2023 19:47

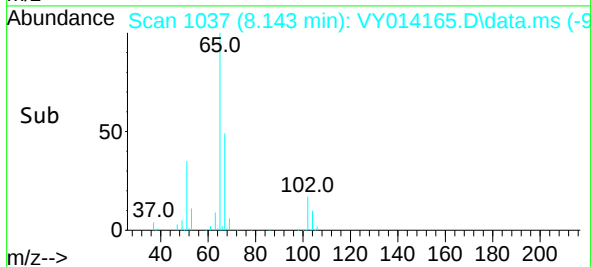
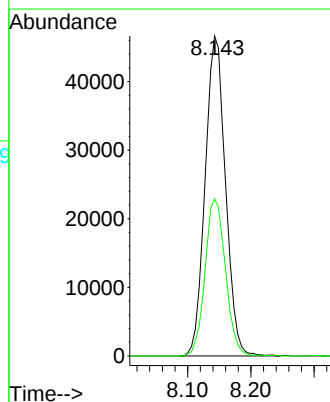
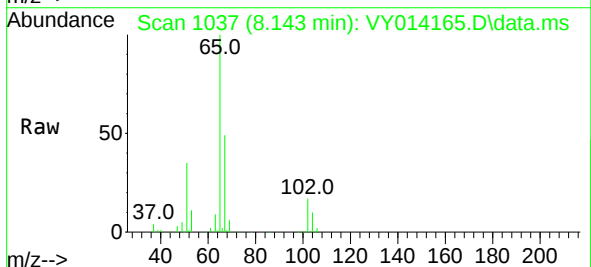
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-05-GRAB-6

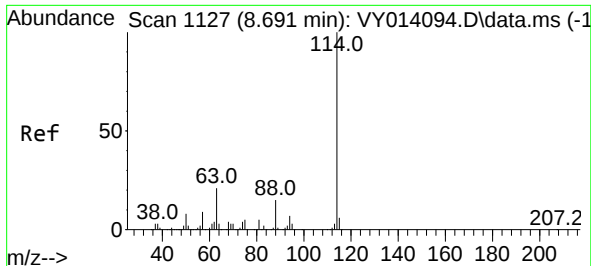
Tgt Ion:168 Resp: 140353
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.344 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014165.D
Acq: 14 Jun 2023 19:47

Tgt Ion: 65 Resp: 104258
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.8

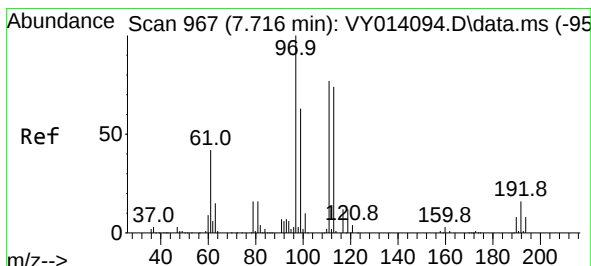
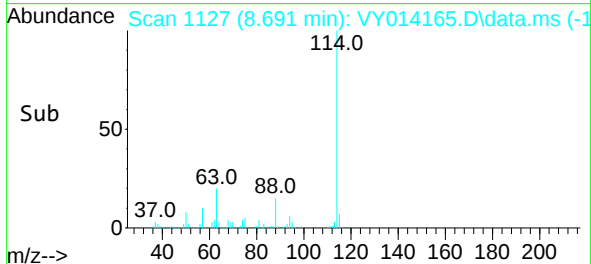
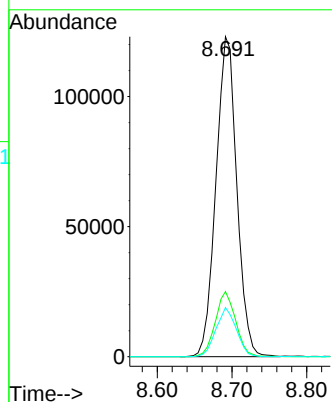
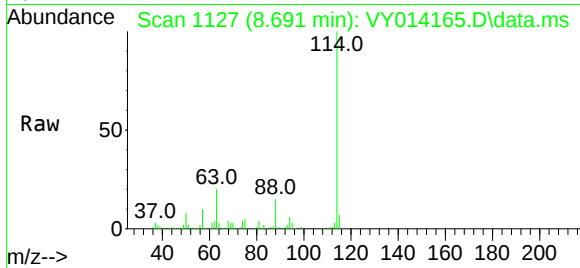




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014165.D
Acq: 14 Jun 2023 19:47

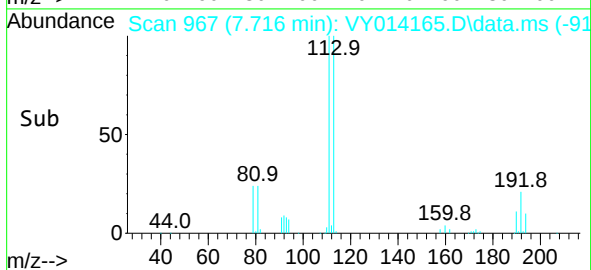
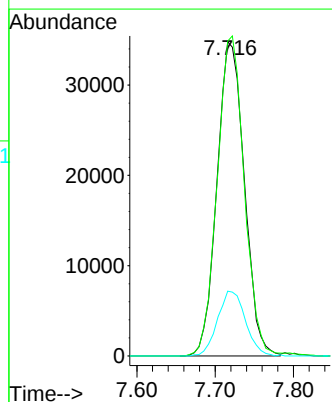
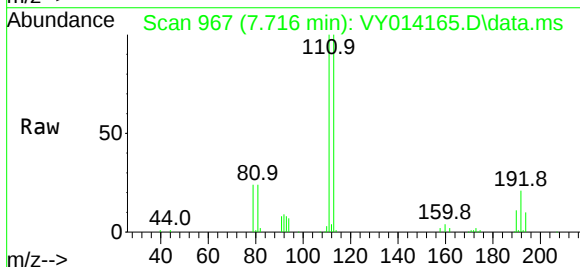
Instrument :
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TOTAL-VOC-SB-05-GRAB-6

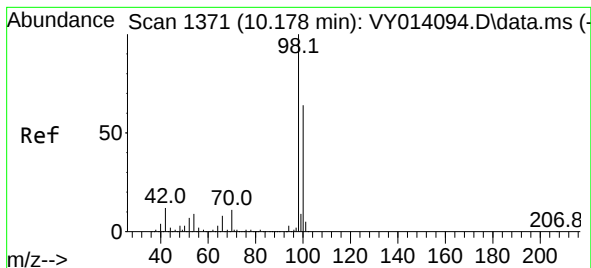
Tgt Ion:	114	Resp:	238578
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.4
88	15.3	0.0	30.6



#35
Dibromofluoromethane
Concen: 50.002 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014165.D
Acq: 14 Jun 2023 19:47

Tgt Ion:	113	Resp:	84601
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.3	121.9
192	21.0	16.9	25.3





#50

Toluene-d8

Concen: 45.360 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014165.D

Acq: 14 Jun 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

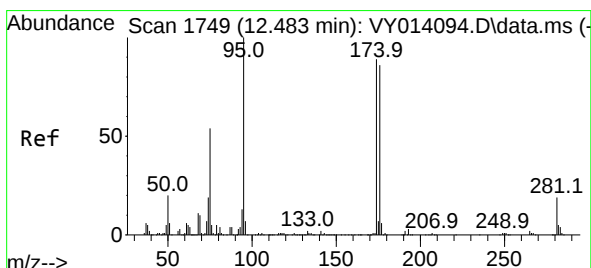
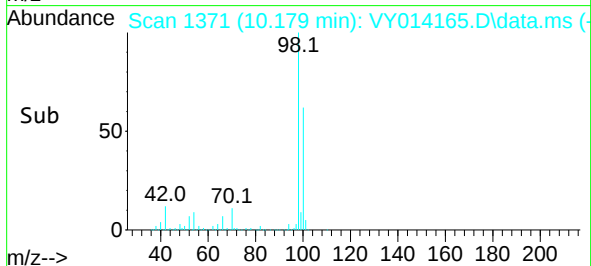
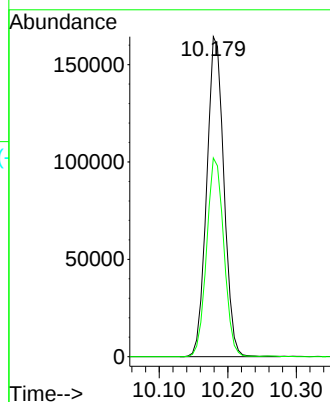
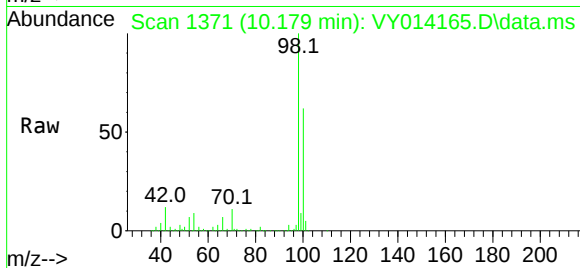
TOTAL-VOC-SB-05-GRAB-6

Tgt Ion: 98 Resp: 286924

Ion Ratio Lower Upper

98 100

100 62.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 29.626 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014165.D

Acq: 14 Jun 2023 19:47

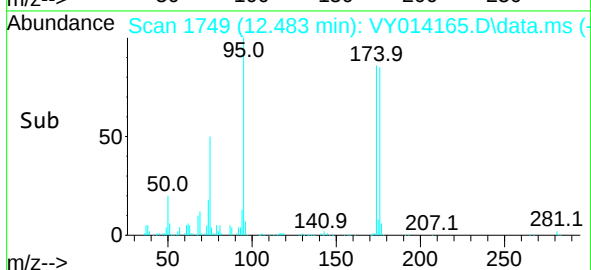
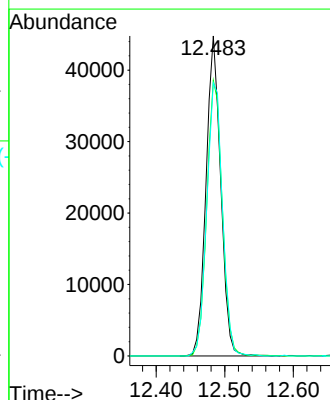
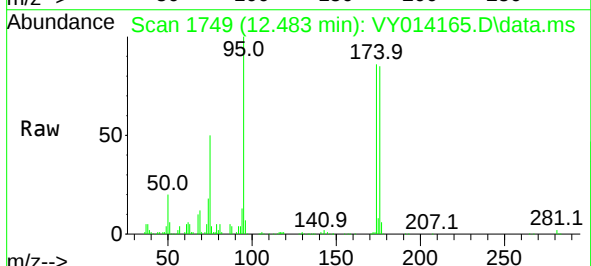
Tgt Ion: 95 Resp: 66569

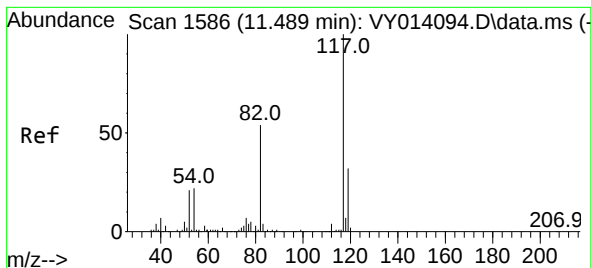
Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.2

176 91.4 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: VY014165.D

Acq: 14 Jun 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-05-GRAB-6

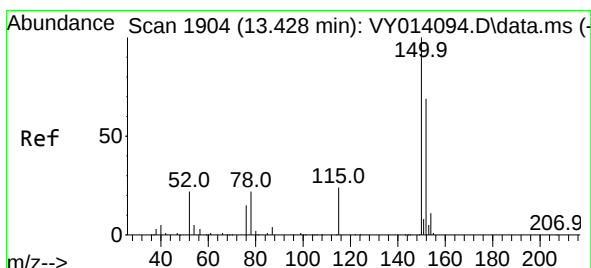
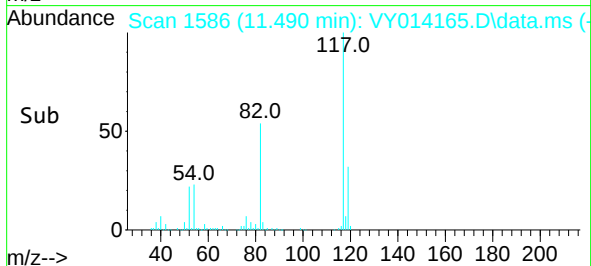
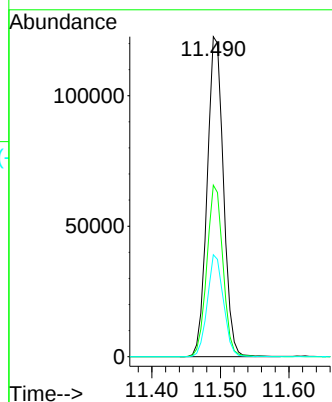
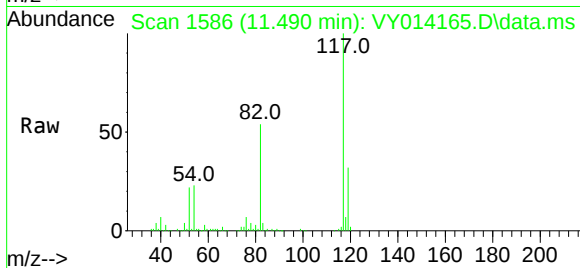
Tgt Ion:117 Resp: 202837

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014165.D

Acq: 14 Jun 2023 19:47

Tgt Ion:152 Resp: 54358

Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 155.7 0.0 348.8

