

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014389.D
 Acq On : 22 Jun 2023 19:09
 Operator : KP/MD
 Sample : 03321-10RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-22RE

Quant Time: Jun 23 05:01:19 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	80522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	108603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	86156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34100	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	35601	31.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	63.500%
35) Dibromofluoromethane	7.722	113	31728	41.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.400%
50) Toluene-d8	10.185	98	122837	42.660	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.320%
62) 4-Bromofluorobenzene	12.483	95	30309	29.632	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.260%

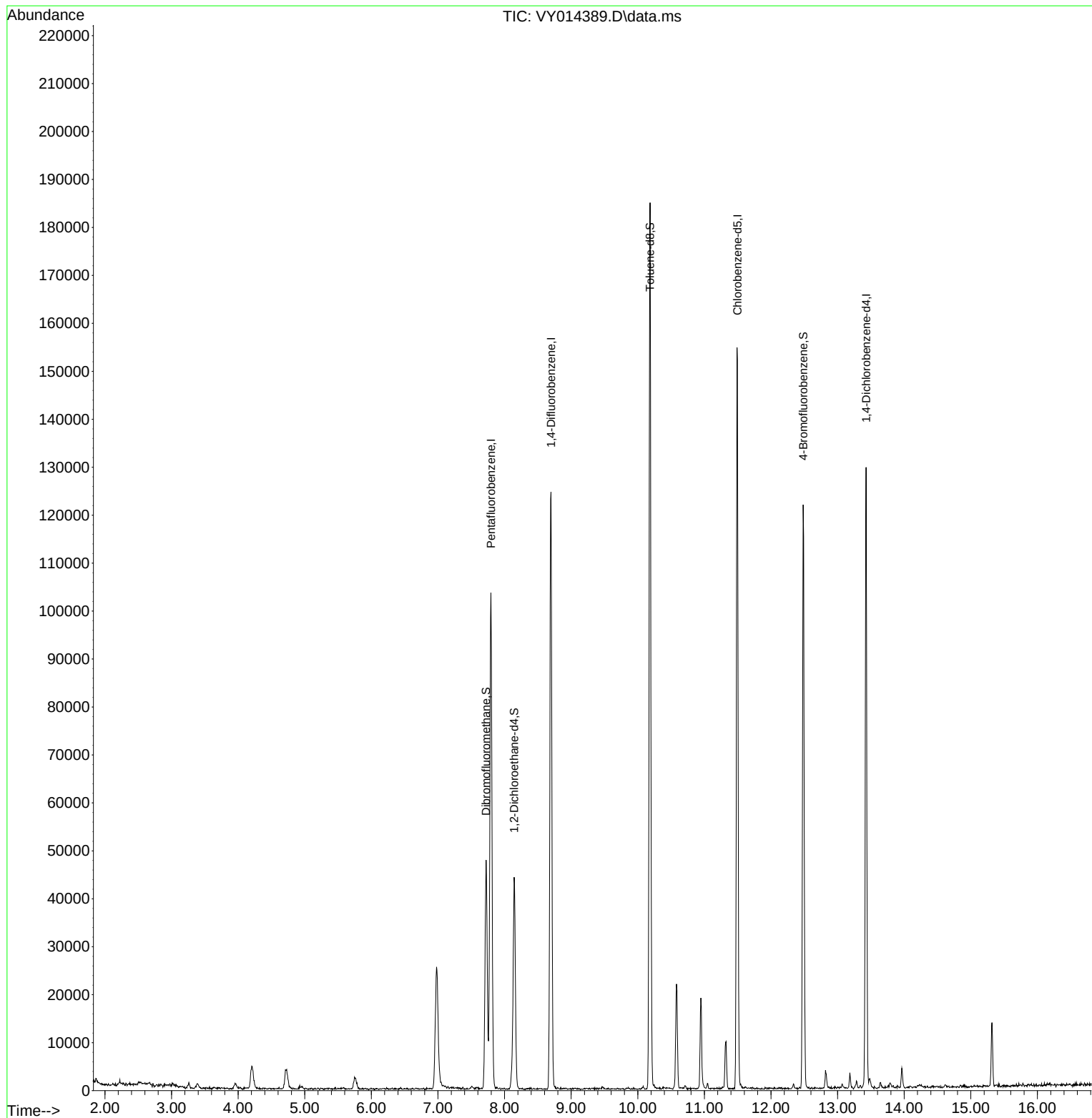
Target Compounds	Qvalue

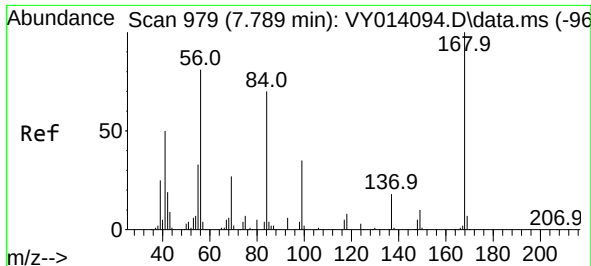
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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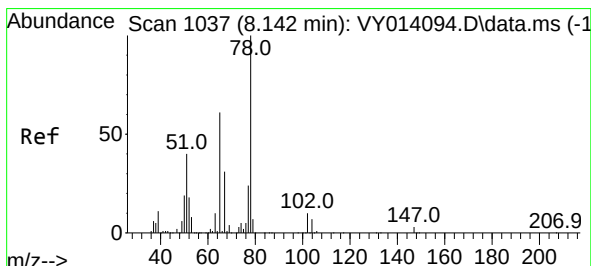
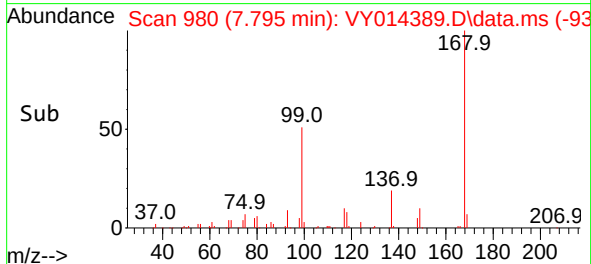
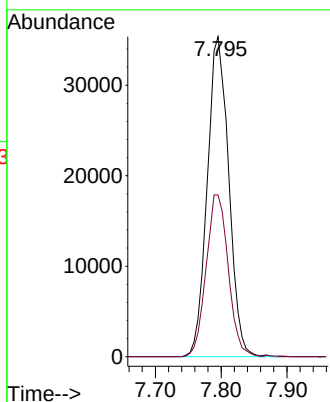
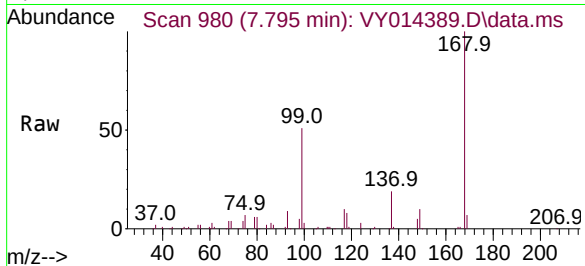




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014389.D
Acq: 22 Jun 2023 19:09

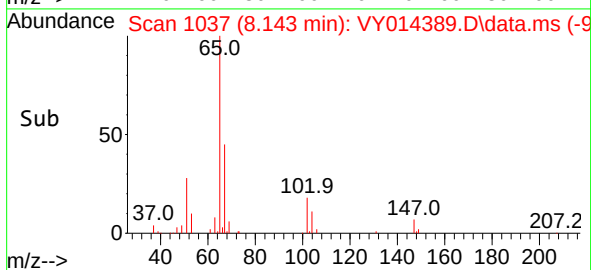
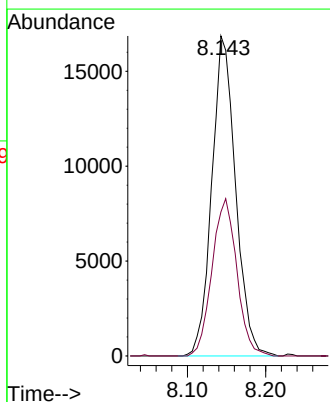
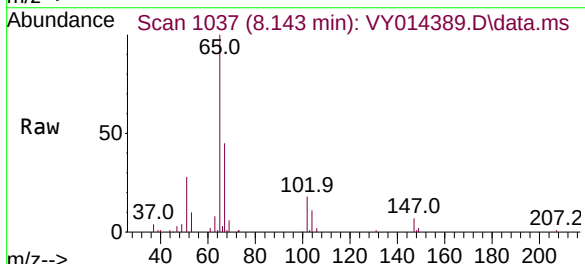
Instrument :
MSVOA_Y
ClientSampleId :
WC-22RE

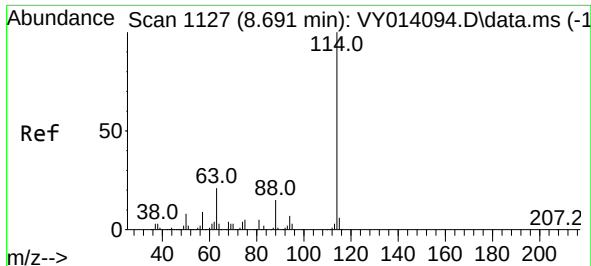
Tgt Ion:168 Resp: 80522
Ion Ratio Lower Upper
168 100
99 50.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 31.750 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014389.D
Acq: 22 Jun 2023 19:09

Tgt Ion: 65 Resp: 35601
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014389.D

Acq: 22 Jun 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

WC-22RE

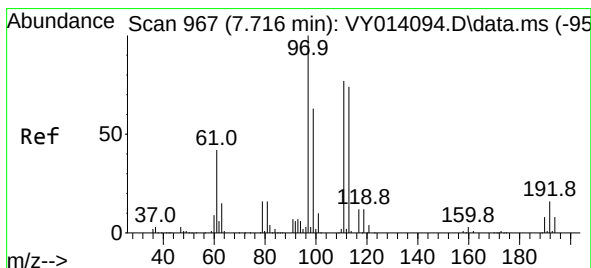
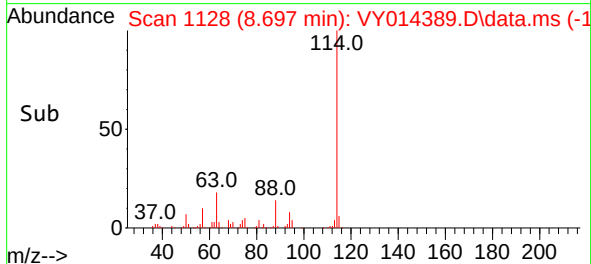
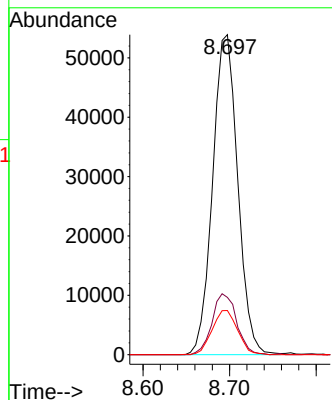
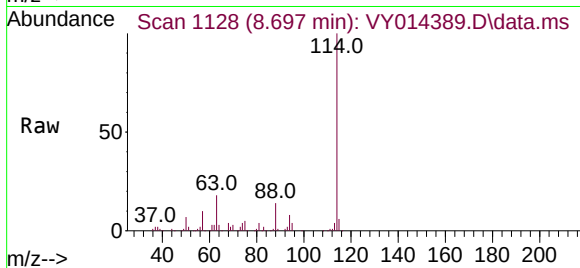
Tgt Ion:114 Resp: 108603

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 13.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 41.195 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014389.D

Acq: 22 Jun 2023 19:09

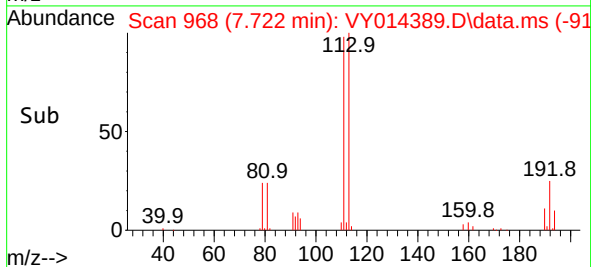
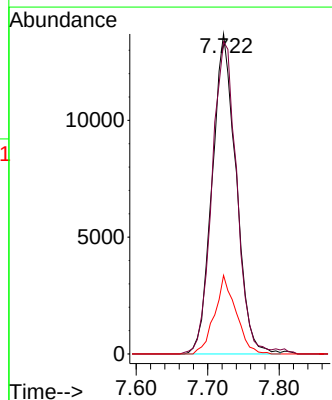
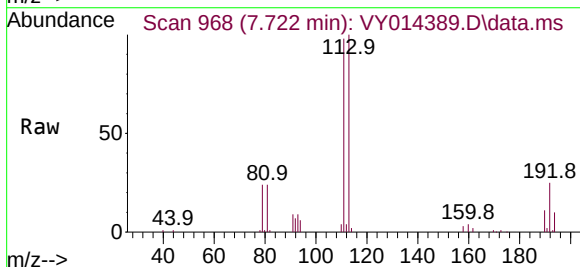
Tgt Ion:113 Resp: 31728

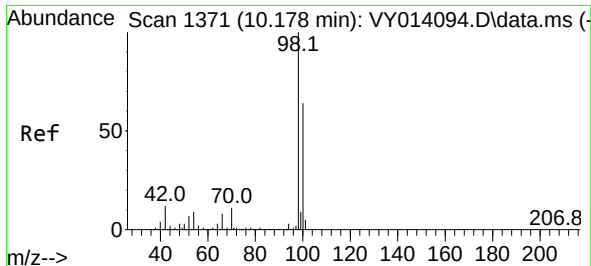
Ion Ratio Lower Upper

113 100

111 100.6 81.3 121.9

192 22.0 16.9 25.3

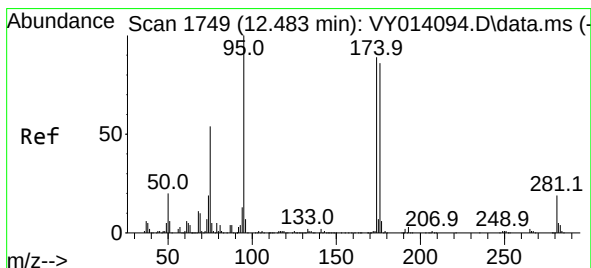
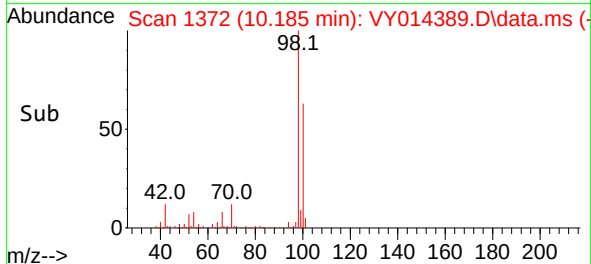
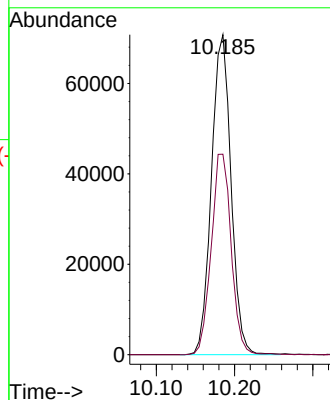
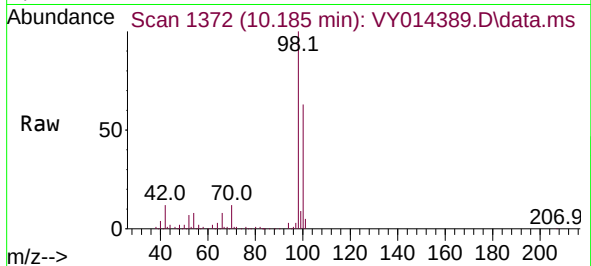




#50
Toluene-d8
Concen: 42.660 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014389.D
Acq: 22 Jun 2023 19:09

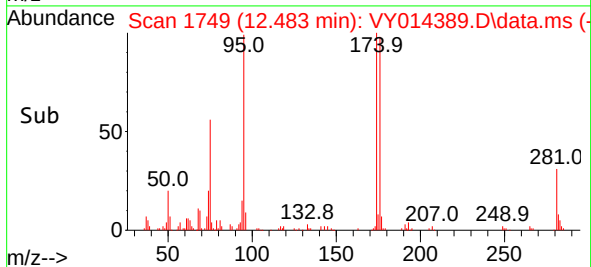
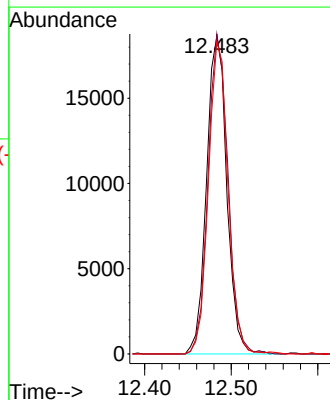
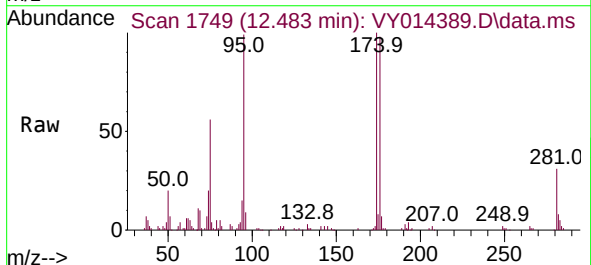
Instrument :
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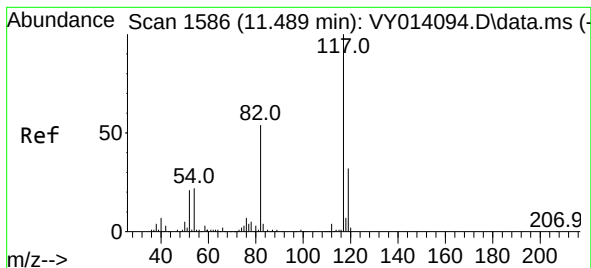
Tgt Ion: 98 Resp: 122837
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 29.632 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014389.D
Acq: 22 Jun 2023 19:09

Tgt Ion: 95 Resp: 30309
Ion Ratio Lower Upper
95 100
174 99.0 0.0 178.2
176 95.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014389.D

Acq: 22 Jun 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

WC-22RE

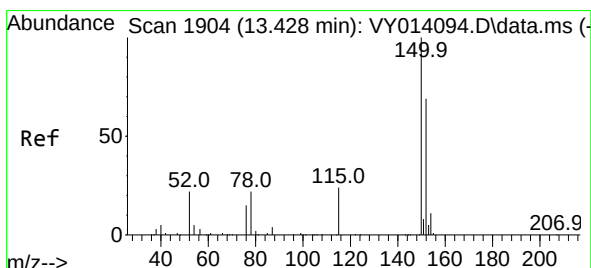
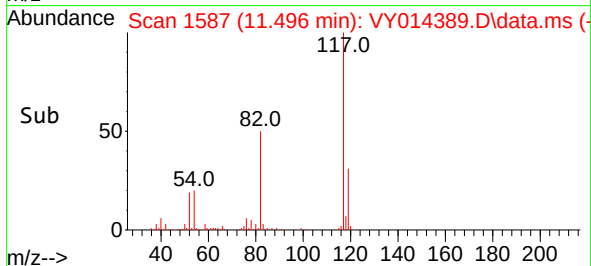
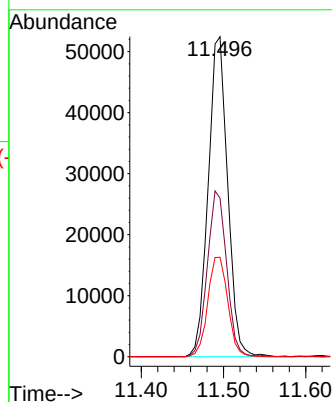
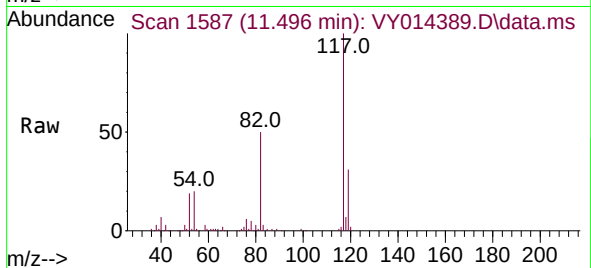
Tgt Ion:117 Resp: 86156

Ion Ratio Lower Upper

117 100

82 49.6 43.4 65.0

119 31.0 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: VY014389.D

Acq: 22 Jun 2023 19:09

Tgt Ion:152 Resp: 34100

Ion Ratio Lower Upper

152 100

115 54.9 28.8 86.5

150 159.5 0.0 348.8

