

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014132.D
 Acq On : 13 Jun 2023 11:56
 Operator : KP/MD
 Sample : VY0613SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBL01

Quant Time: Jun 14 01:32:17 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	169518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126384	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	125288	53.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.160%
35) Dibromofluoromethane	7.722	113	103455	55.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.800%
50) Toluene-d8	10.179	98	335801	48.096	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.483	95	117925	47.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.100%

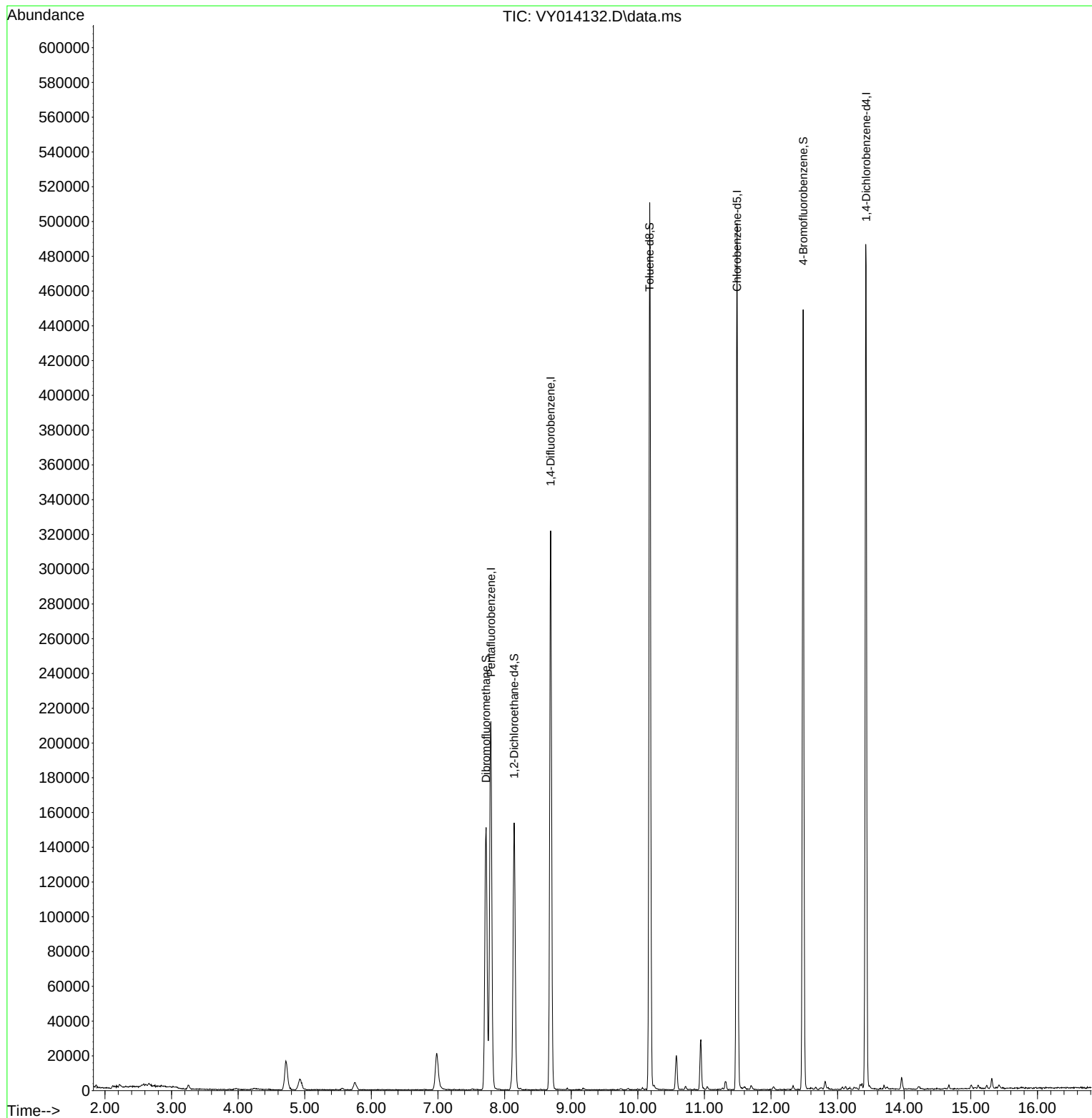
Target Compounds	Qvalue

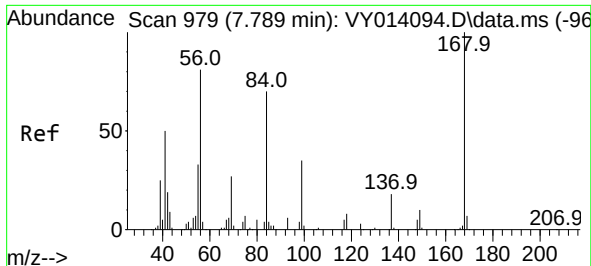
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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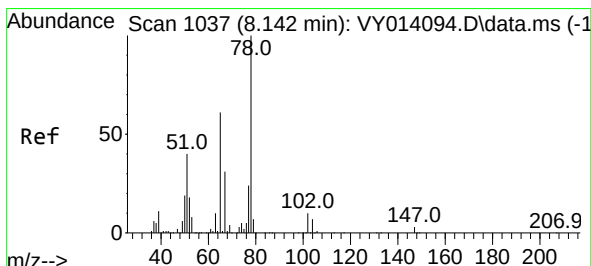
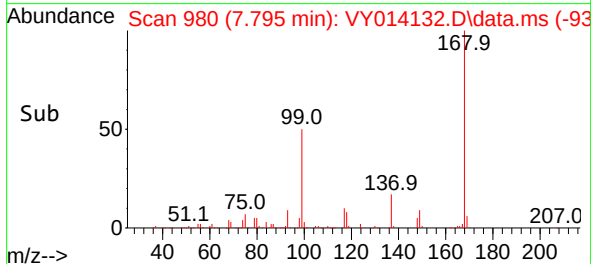
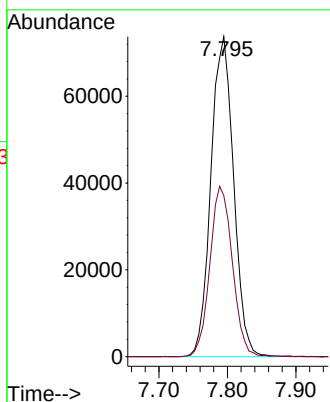
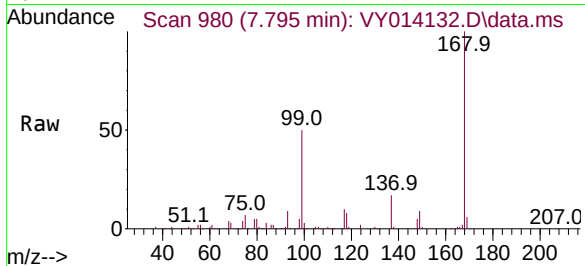




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

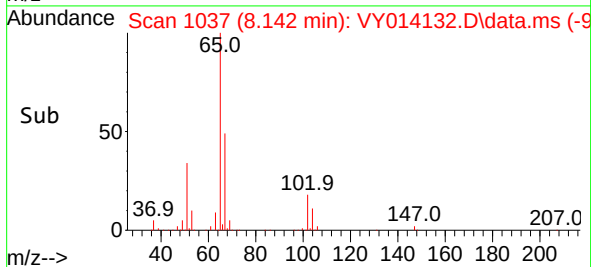
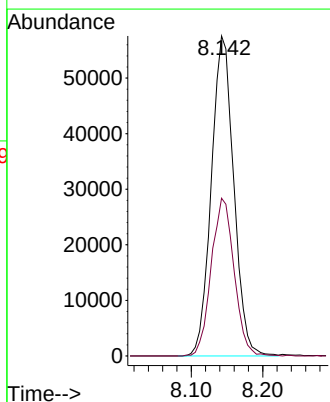
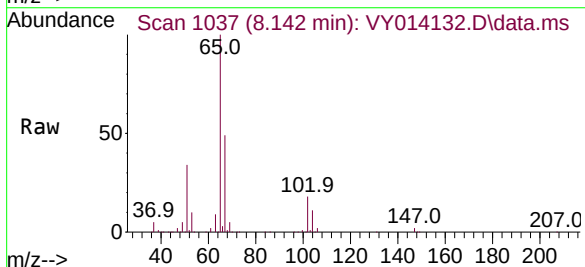
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBL01

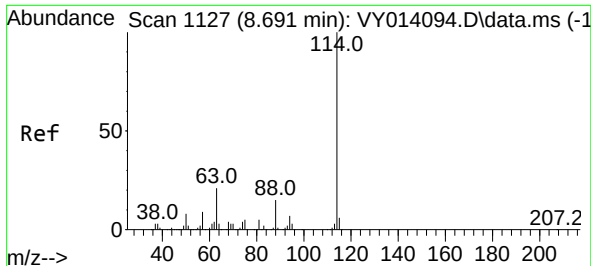
Tgt Ion:168 Resp: 169518
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.075 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

Tgt Ion: 65 Resp: 125288
Ion Ratio Lower Upper
65 100
67 50.3 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: VY014132.D

Acq: 13 Jun 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBL01

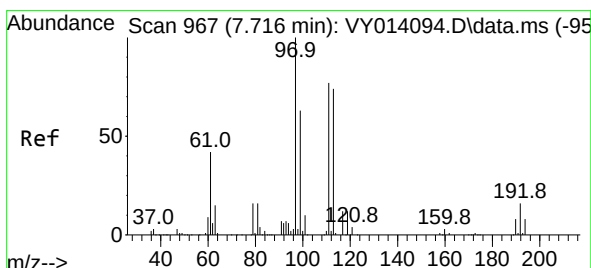
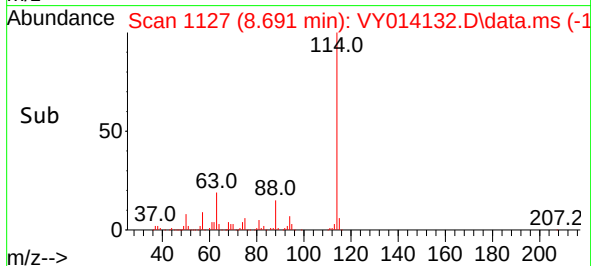
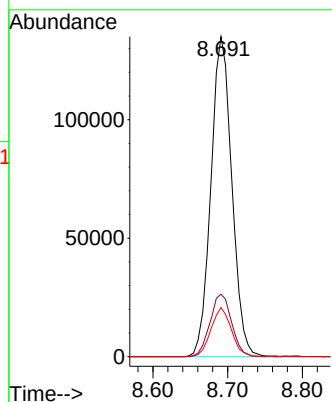
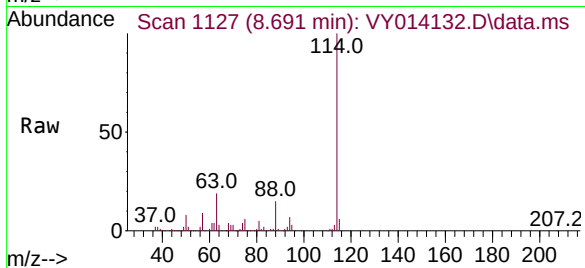
Tgt Ion:114 Resp: 263334

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.397 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014132.D

Acq: 13 Jun 2023 11:56

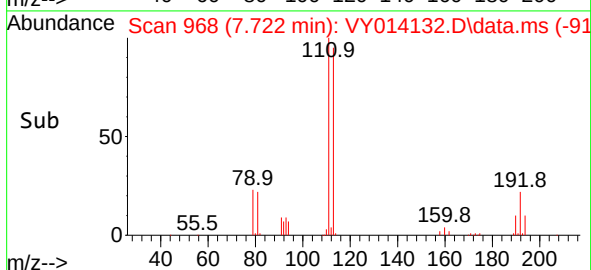
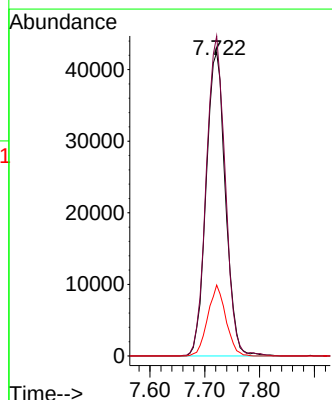
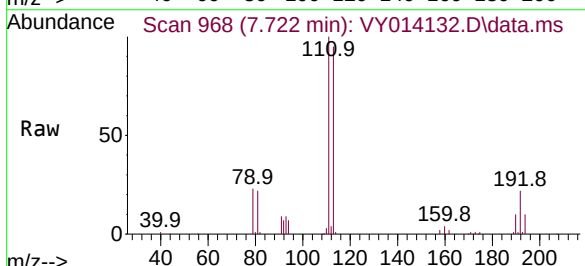
Tgt Ion:113 Resp: 103455

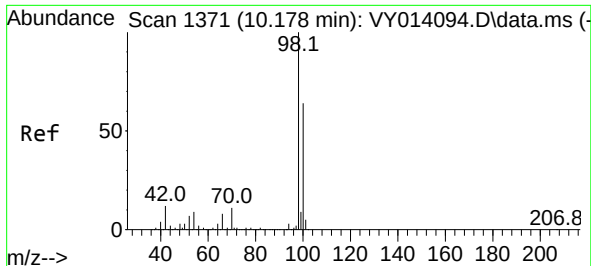
Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

192 21.9 16.9 25.3

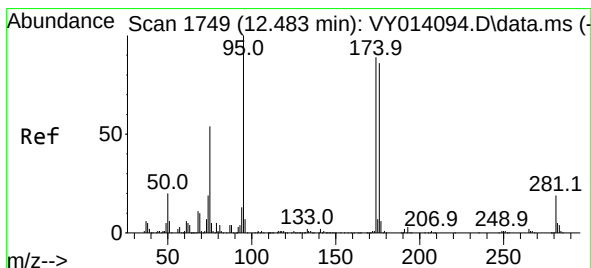
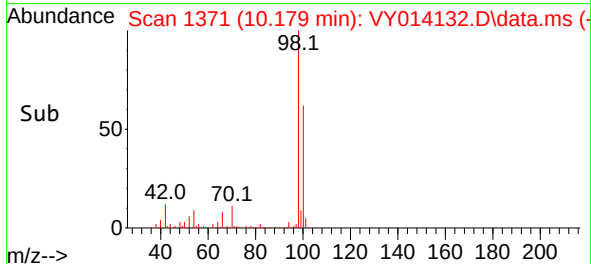
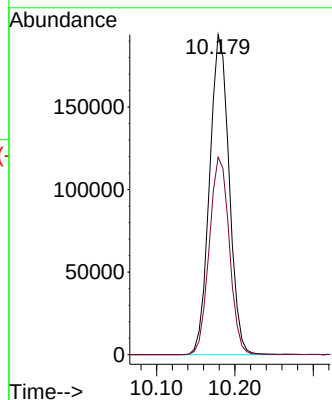
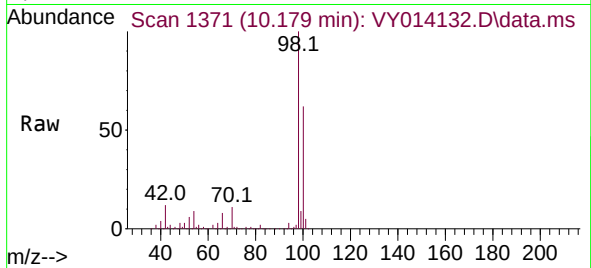




#50
Toluene-d8
Concen: 48.096 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

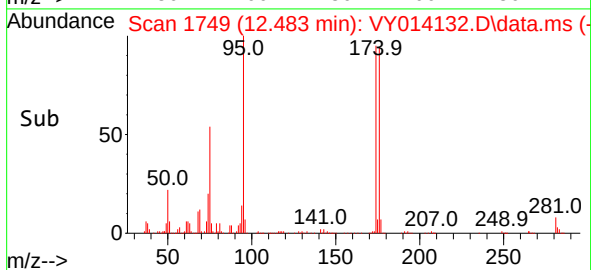
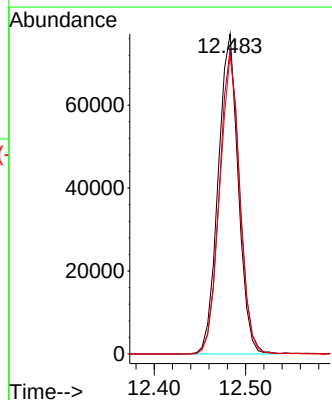
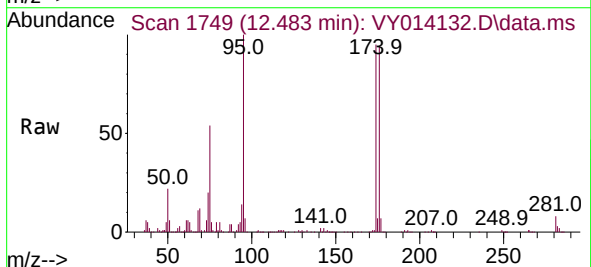
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBL01

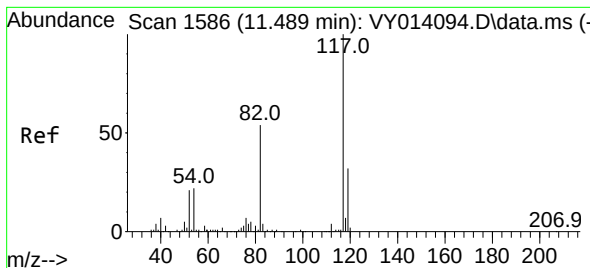
Tgt Ion: 98 Resp: 335801
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.547 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

Tgt Ion: 95 Resp: 117925
Ion Ratio Lower Upper
95 100
174 96.7 0.0 178.2
176 93.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014132.D

Acq: 13 Jun 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBL01

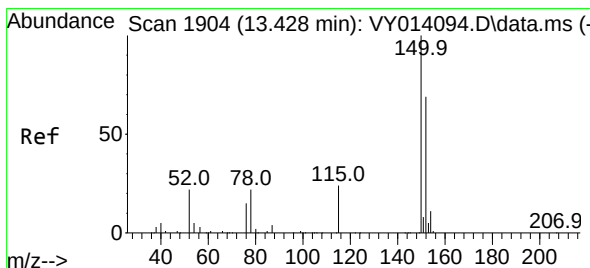
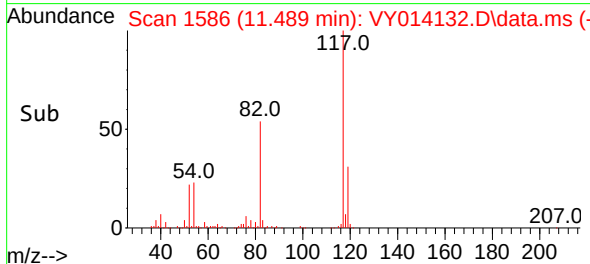
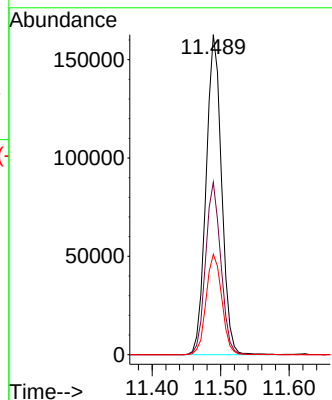
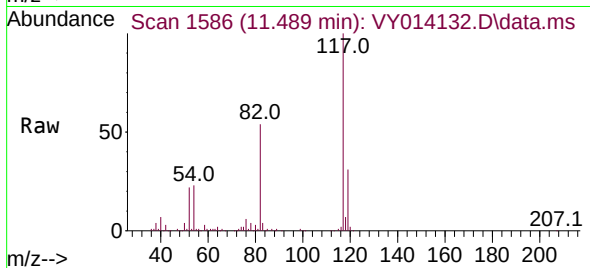
Tgt Ion:117 Resp: 256614

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 31.3 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: VY014132.D

Acq: 13 Jun 2023 11:56

Tgt Ion:152 Resp: 126384

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 158.2 0.0 348.8

