

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014525.D
 Acq On : 30 Jun 2023 19:04
 Operator : KP/MD
 Sample : 03474-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jun 30 23:20:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	280226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	443202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	420472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	191716	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150099	53.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.680%
35) Dibromofluoromethane	7.716	113	141780	51.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.900%
50) Toluene-d8	10.179	98	524679	48.630	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.477	95	166115	44.340	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.680%

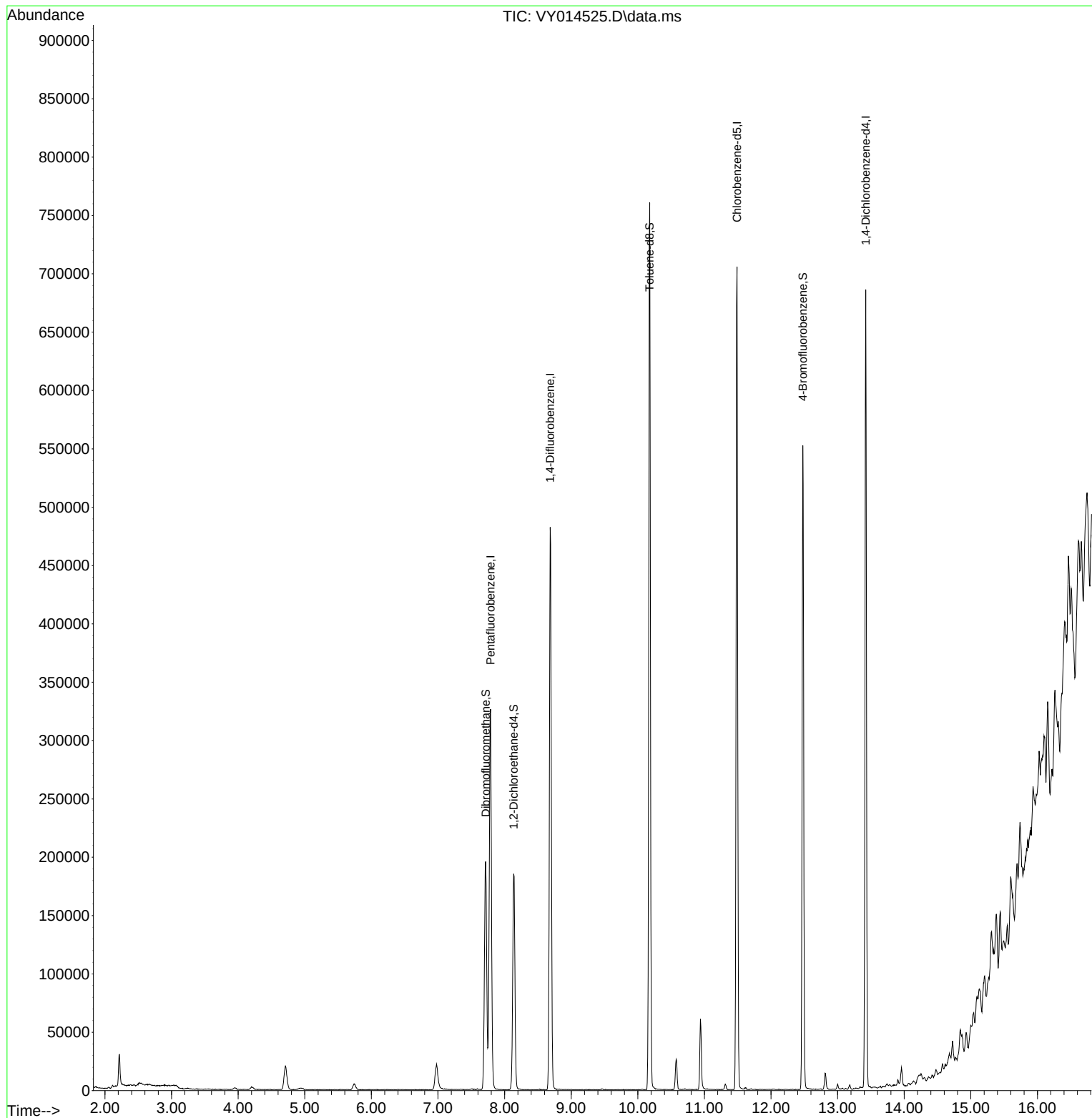
Target Compounds	Qvalue

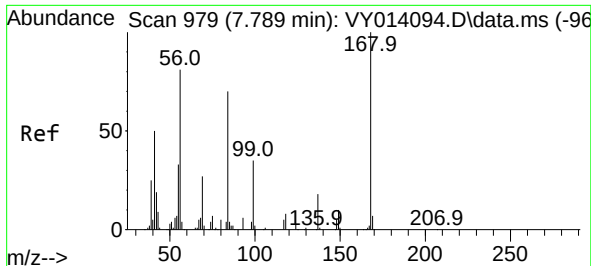
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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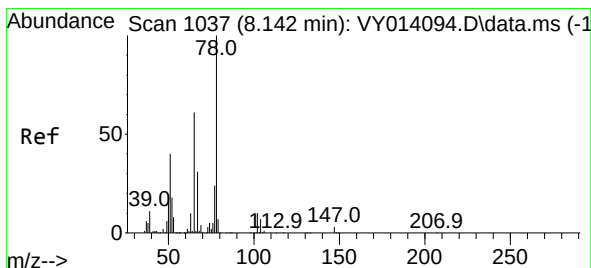
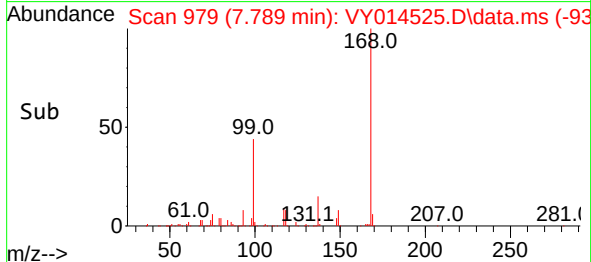
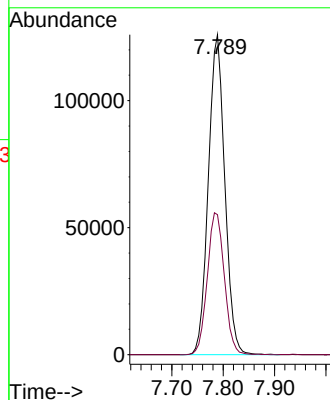
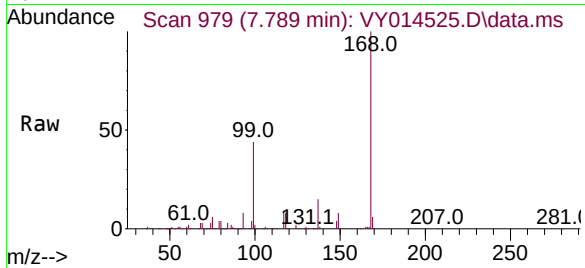




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

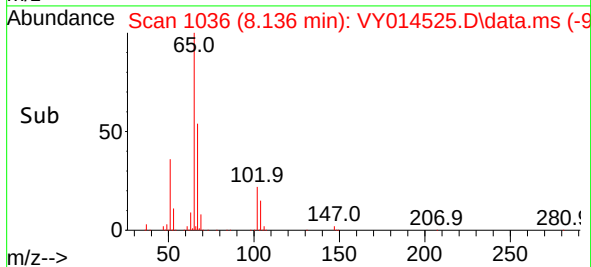
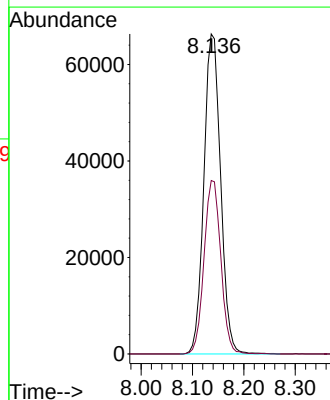
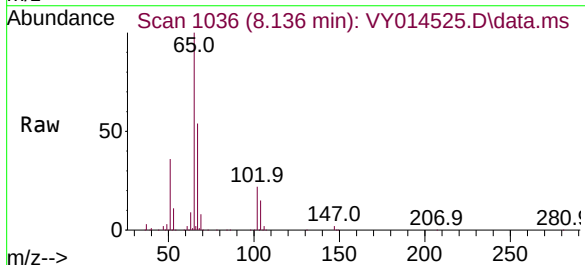
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

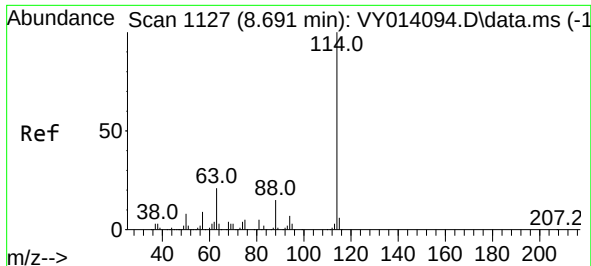
Tgt Ion:168 Resp: 280226
Ion Ratio Lower Upper
168 100
99 43.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.844 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

Tgt Ion: 65 Resp: 150099
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014525.D

Acq: 30 Jun 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

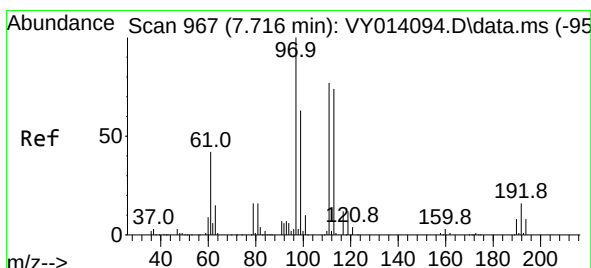
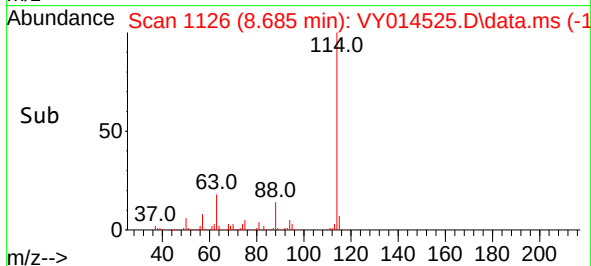
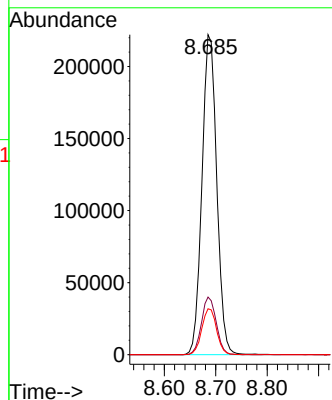
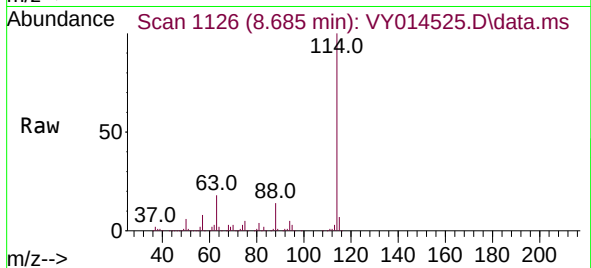
Tgt Ion:114 Resp: 443202

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.948 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014525.D

Acq: 30 Jun 2023 19:04

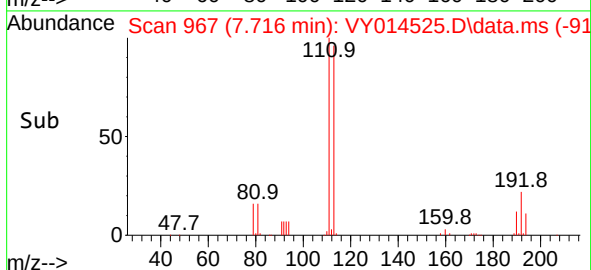
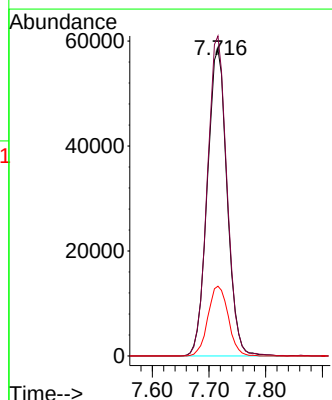
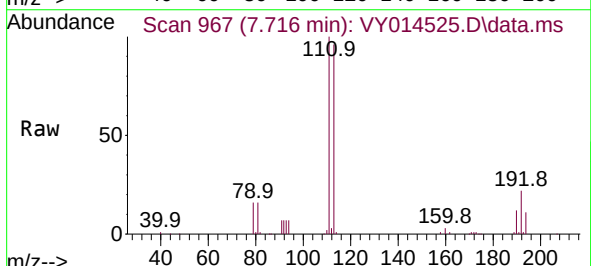
Tgt Ion:113 Resp: 141780

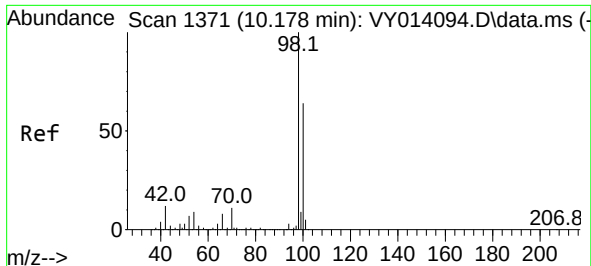
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 23.3 16.9 25.3

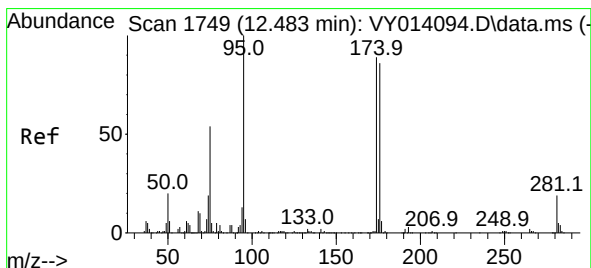
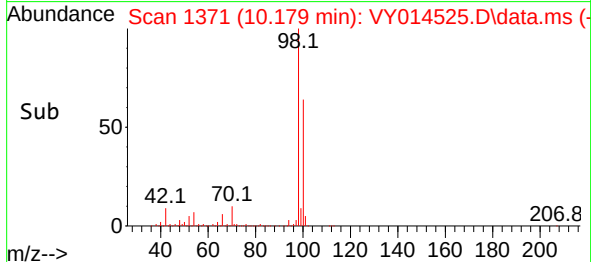
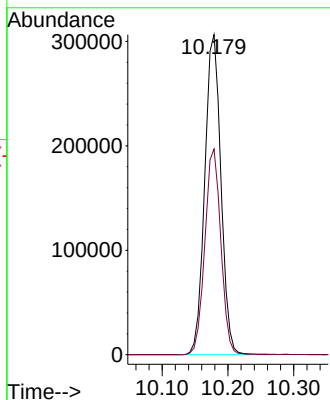
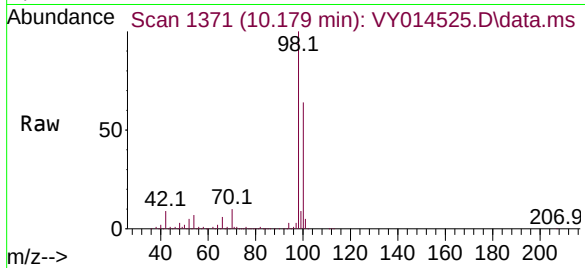




#50
Toluene-d8
Concen: 48.630 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

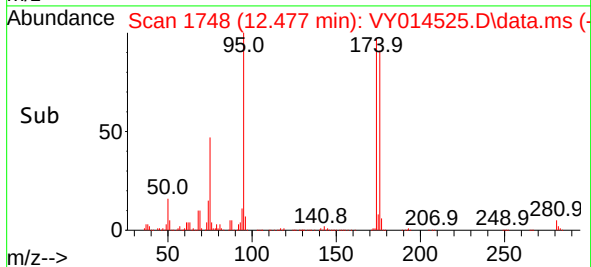
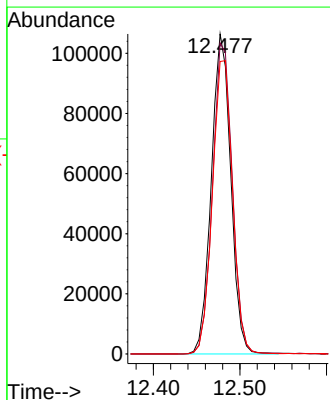
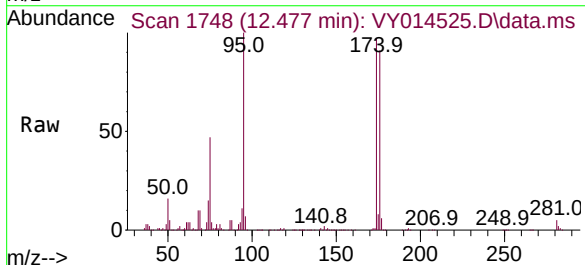
Instrument :
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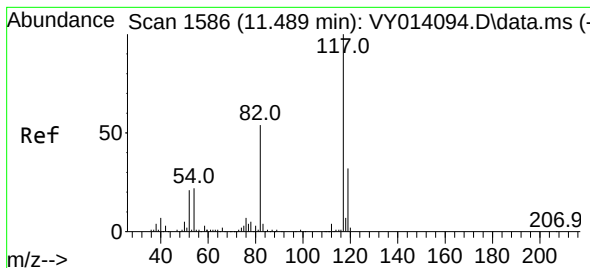
Tgt Ion: 98 Resp: 524679
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.340 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

Tgt Ion: 95 Resp: 166115
Ion Ratio Lower Upper
95 100
174 98.7 0.0 178.2
176 95.2 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: VY014525.D

Acq: 30 Jun 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

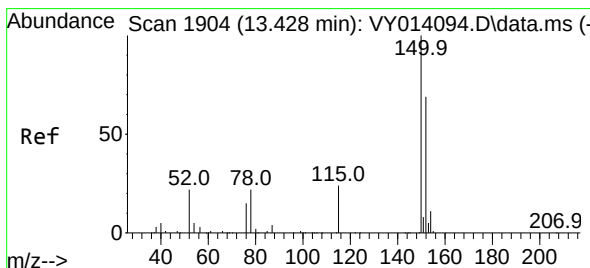
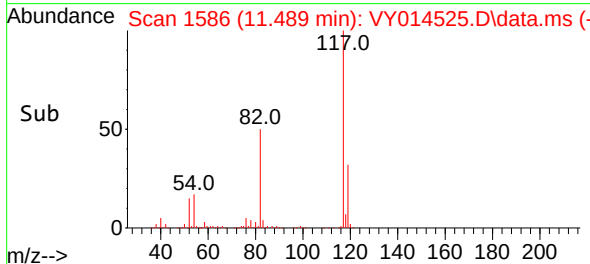
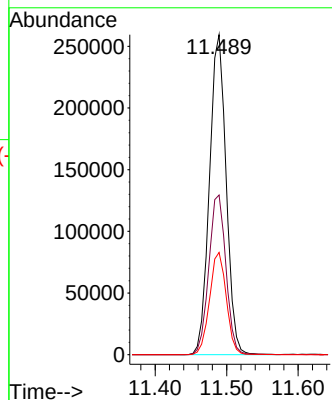
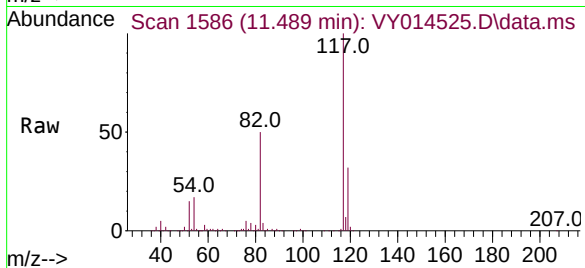
Tgt Ion:117 Resp: 420472

Ion Ratio Lower Upper

117 100

82 49.9 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014525.D

Acq: 30 Jun 2023 19:04

Tgt Ion:152 Resp: 191716

Ion Ratio Lower Upper

152 100

115 53.3 28.8 86.5

150 156.0 0.0 348.8

