

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014387.D
 Acq On : 22 Jun 2023 18:22
 Operator : KP/MD
 Sample : 03321-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-25

Quant Time: Jun 23 05:01:02 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	135557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	180414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	79630	42.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.360%
35) Dibromofluoromethane	7.722	113	62803	44.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.160%
50) Toluene-d8	10.179	98	236401	44.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.760%
62) 4-Bromofluorobenzene	12.483	95	70208	37.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.200%

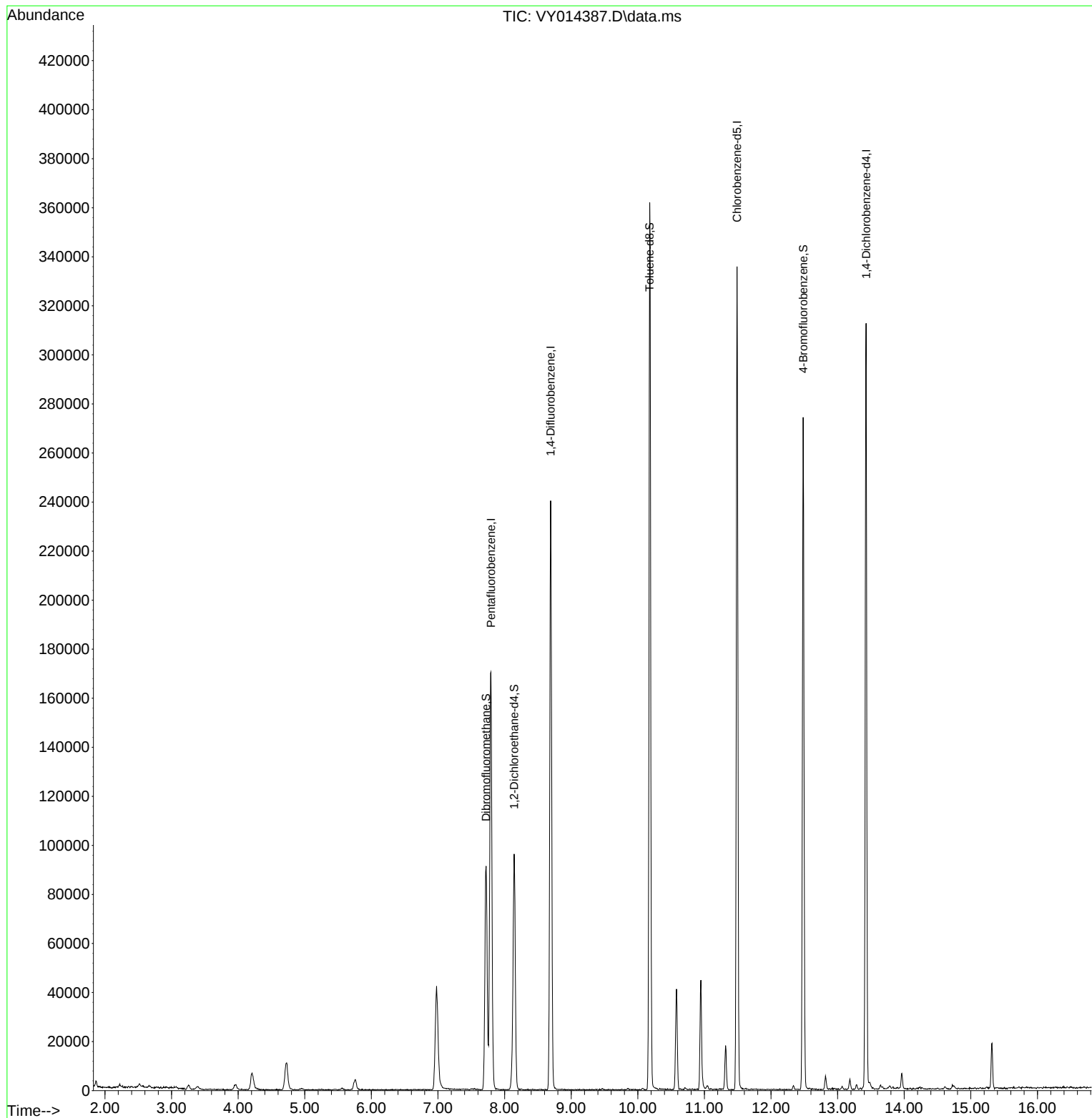
Target Compounds	Qvalue

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

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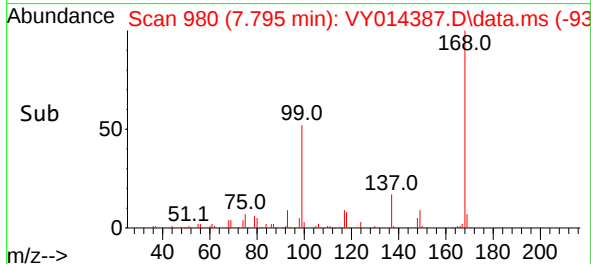
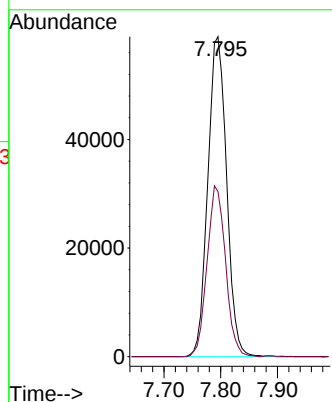
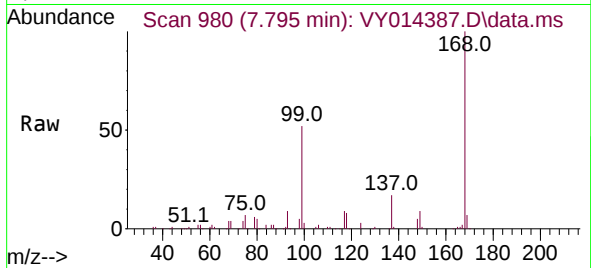




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014387.D
Acq: 22 Jun 2023 18:22

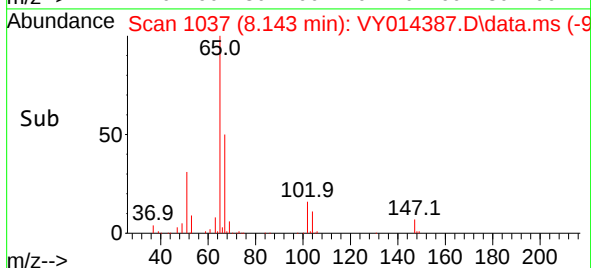
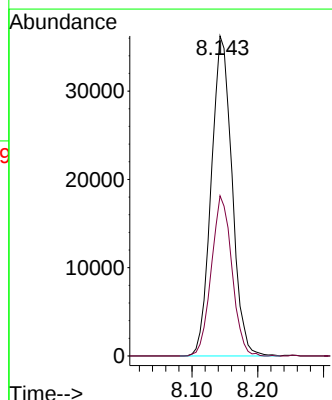
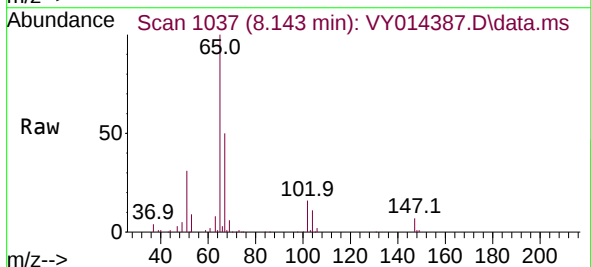
Instrument :
MSVOA_Y
ClientSampleId :
WC-25

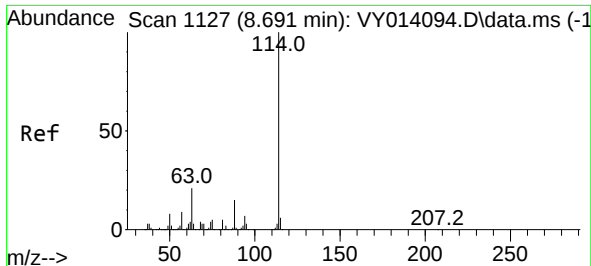
Tgt Ion:168 Resp: 135557
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 42.185 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014387.D
Acq: 22 Jun 2023 18:22

Tgt Ion: 65 Resp: 79630
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

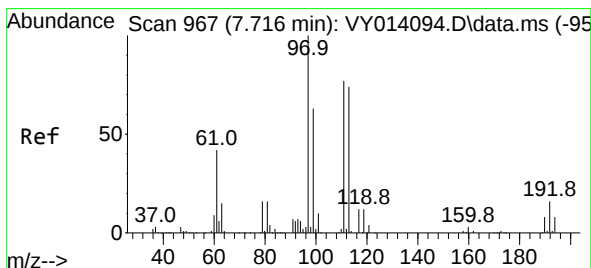
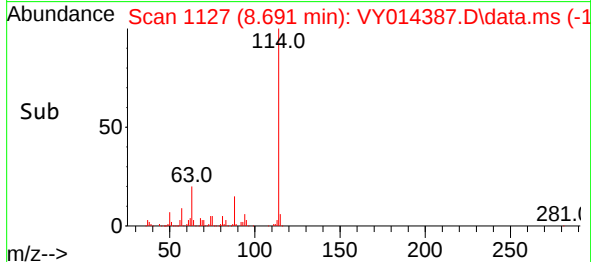
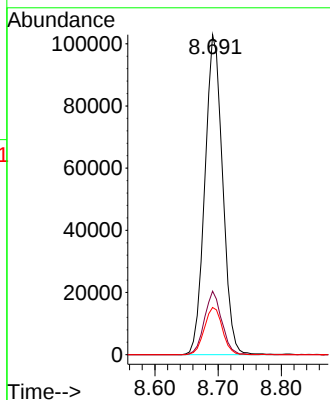
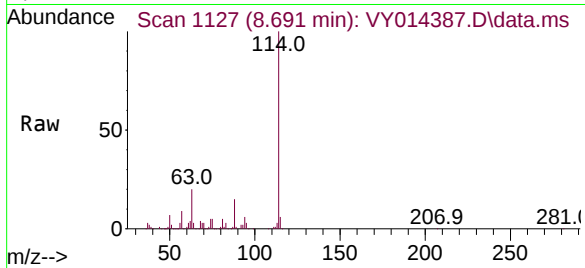




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014387.D
Acq: 22 Jun 2023 18:22

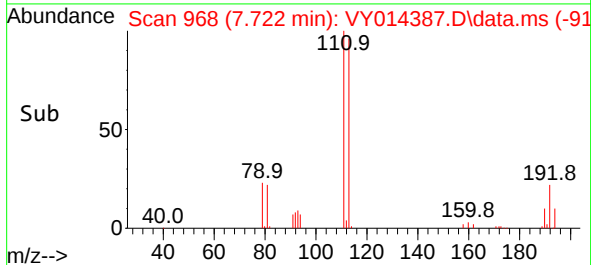
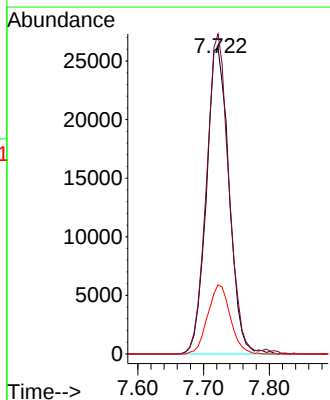
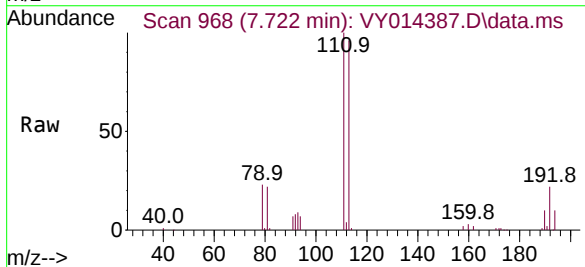
Instrument :
MSVOA_Y
ClientSampleId :
WC-25

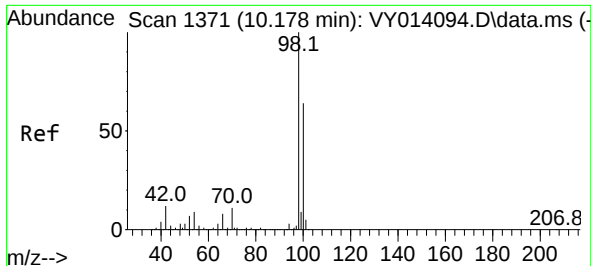
Tgt Ion:114 Resp: 200917
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 44.077 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014387.D
Acq: 22 Jun 2023 18:22

Tgt Ion:113 Resp: 62803
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 22.4 16.9 25.3

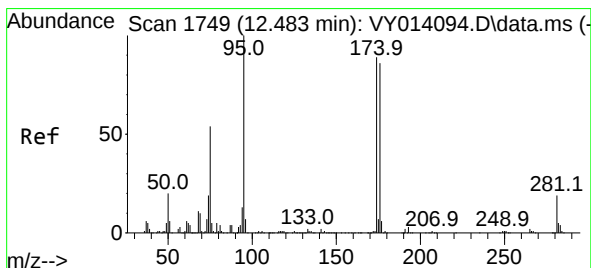
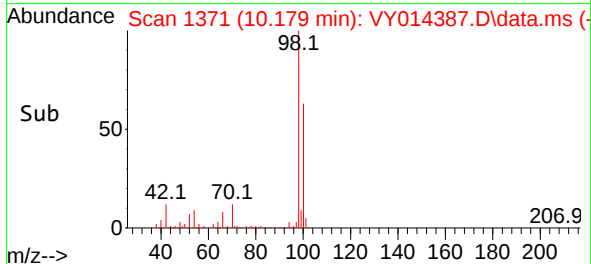
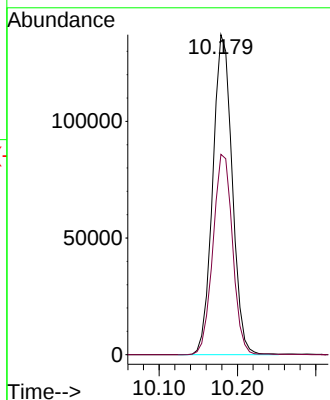
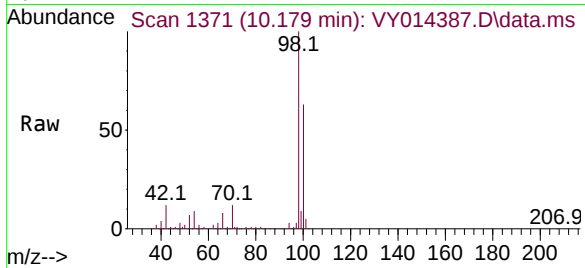




#50
Toluene-d8
Concen: 44.378 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014387.D
Acq: 22 Jun 2023 18:22

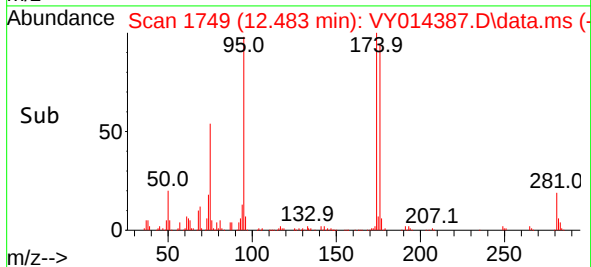
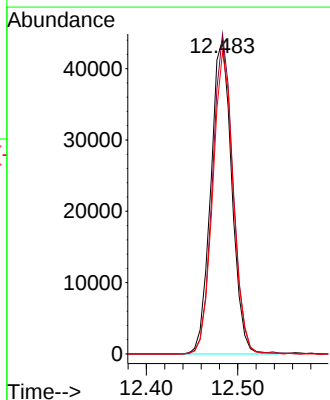
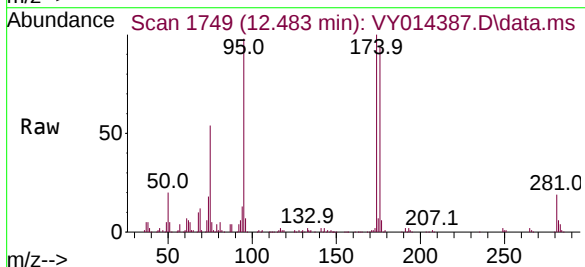
Instrument :
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ClientSampleId :
WC-25

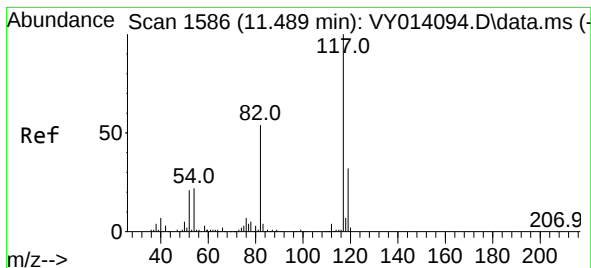
Tgt Ion: 98 Resp: 236401
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.102 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014387.D
Acq: 22 Jun 2023 18:22

Tgt Ion: 95 Resp: 70208
Ion Ratio Lower Upper
95 100
174 98.8 0.0 178.2
176 94.0 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: VY014387.D

Acq: 22 Jun 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

WC-25

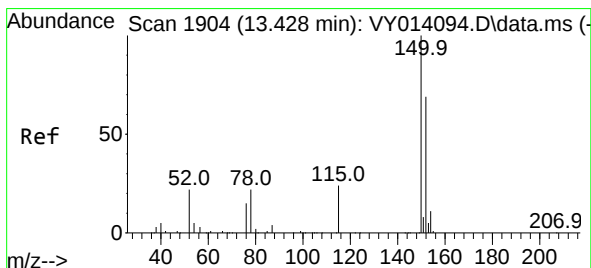
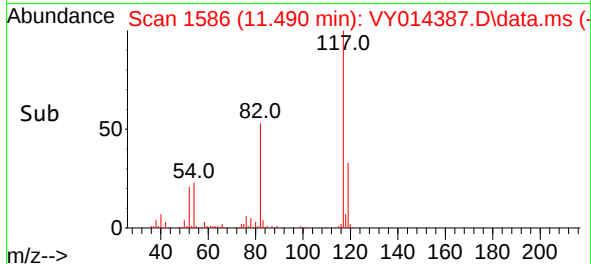
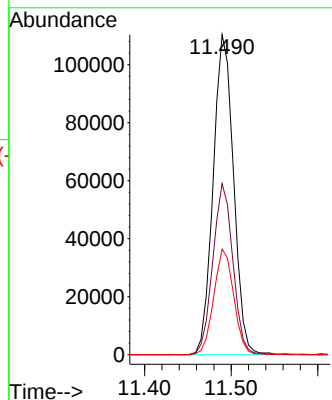
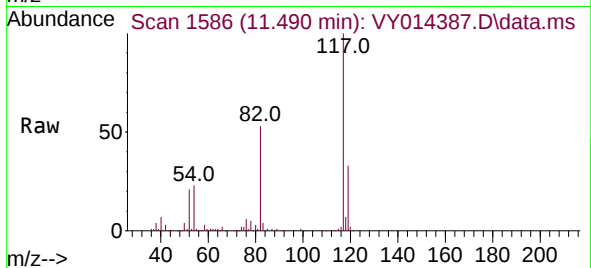
Tgt Ion:117 Resp: 180414

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 33.0 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: VY014387.D

Acq: 22 Jun 2023 18:22

Tgt Ion:152 Resp: 83176

Ion Ratio Lower Upper

152 100

115 55.4 28.8 86.5

150 156.2 0.0 348.8

