

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014146.D
 Acq On : 13 Jun 2023 17:50
 Operator : KP/MD
 Sample : 03136-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ELI-SUB-LD-CON

Quant Time: Jun 14 01:38:18 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	7.789	168	154518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	266727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107185	49.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.620%
35) Dibromofluoromethane	7.716	113	82982	43.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.740%
50) Toluene-d8	10.179	98	335363	47.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.477	95	118631	47.224	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.440%

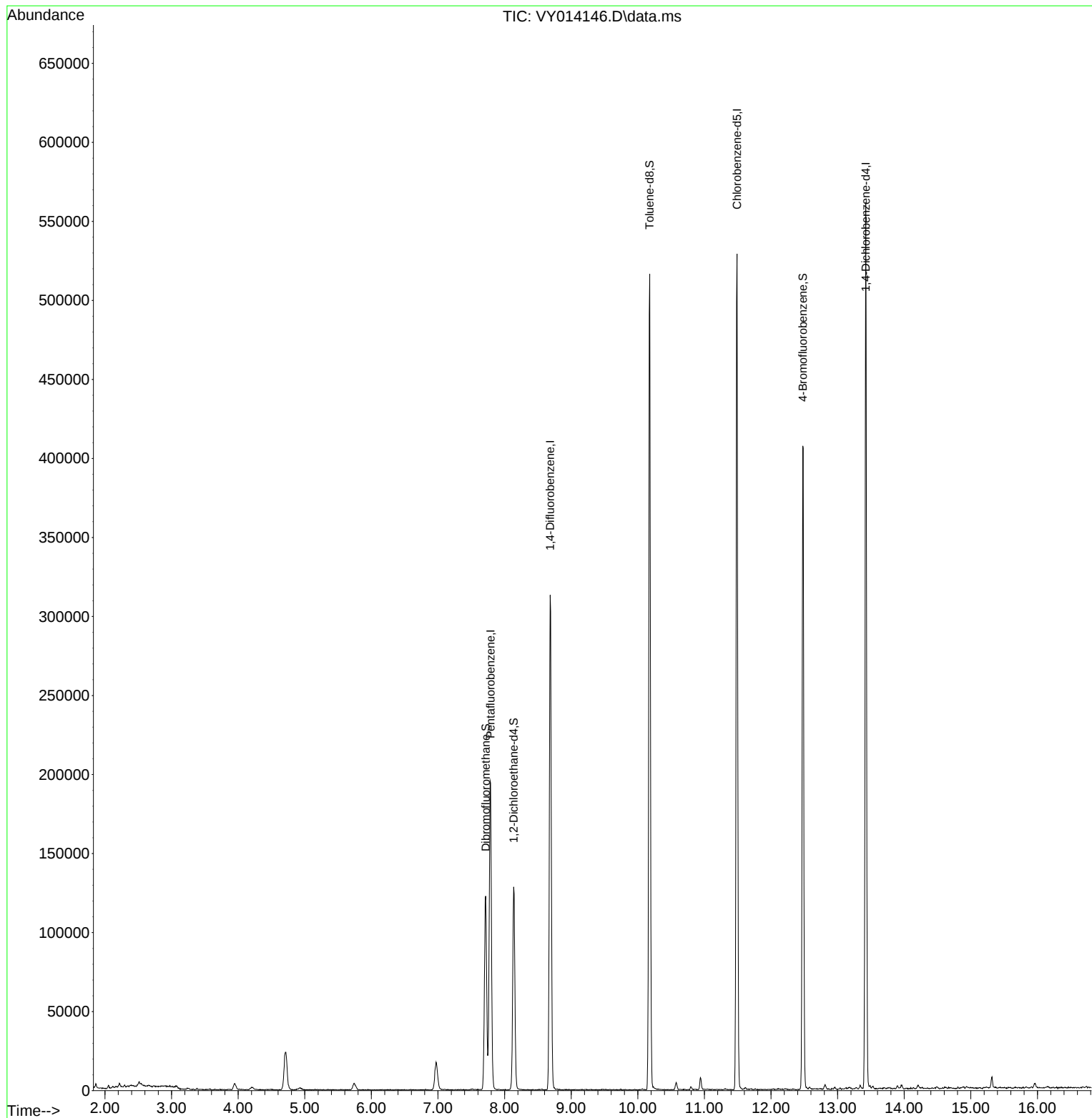
Target Compounds	Qvalue

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

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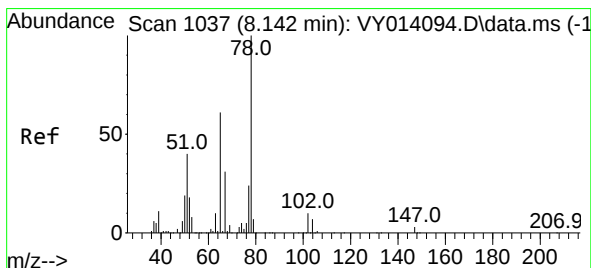
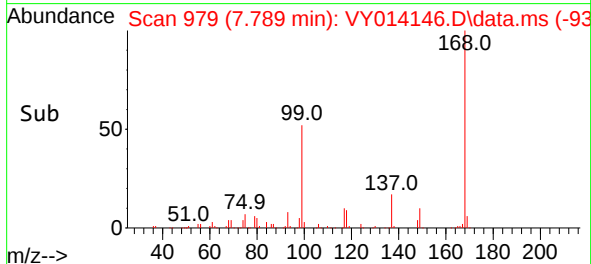
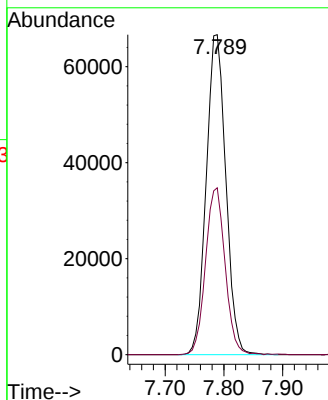
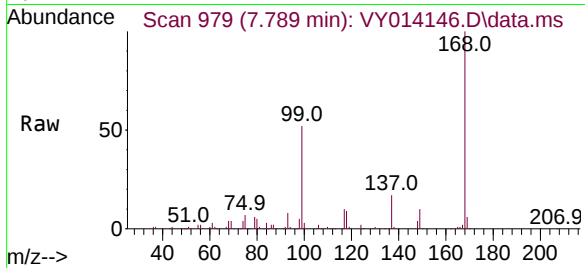




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

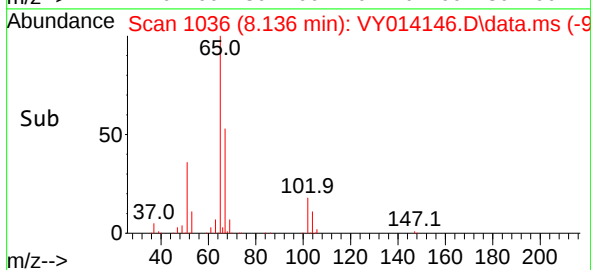
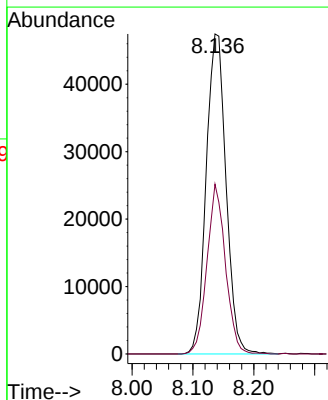
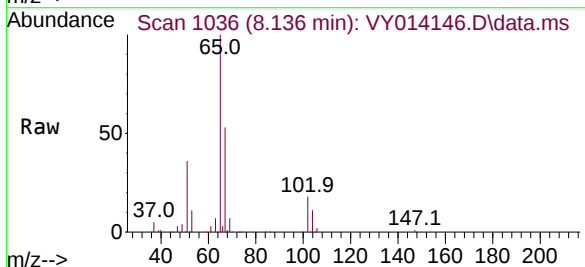
Instrument :
MSVOA_Y
ClientSampleId :
ELI-SUB-LD-CON

Tgt Ion:168 Resp: 154518
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.814 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

Tgt Ion: 65 Resp: 107185
Ion Ratio Lower Upper
65 100
67 49.4 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: VY014146.D

Acq: 13 Jun 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

ELI-SUB-LD-CON

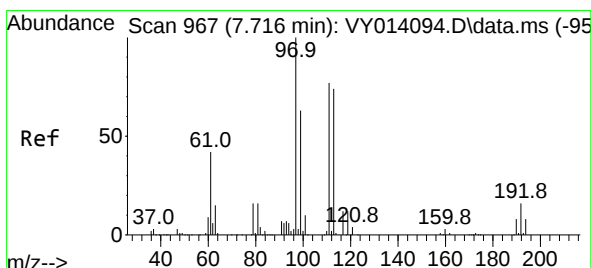
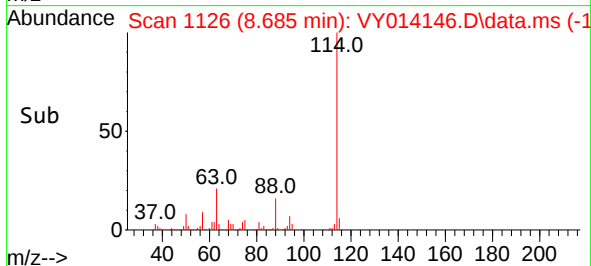
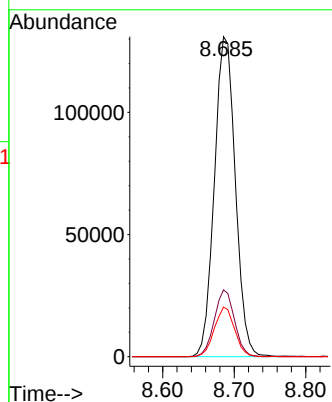
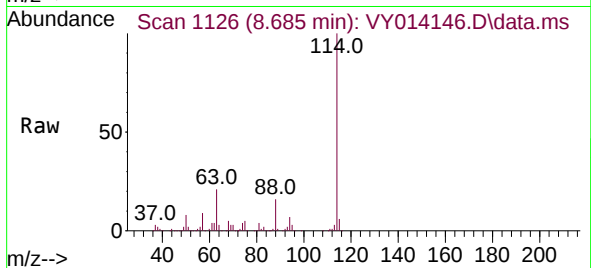
Tgt Ion:114 Resp: 266727

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.869 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014146.D

Acq: 13 Jun 2023 17:50

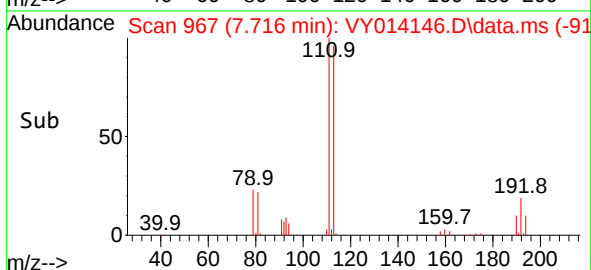
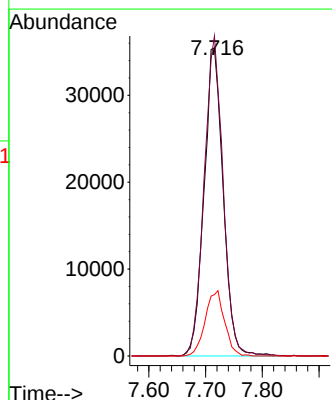
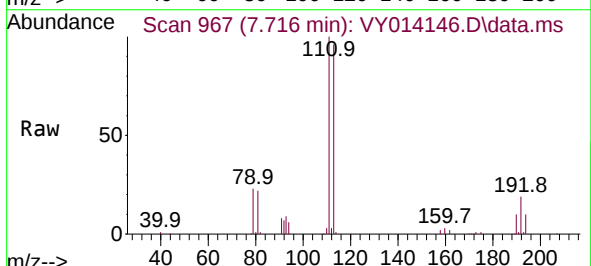
Tgt Ion:113 Resp: 82982

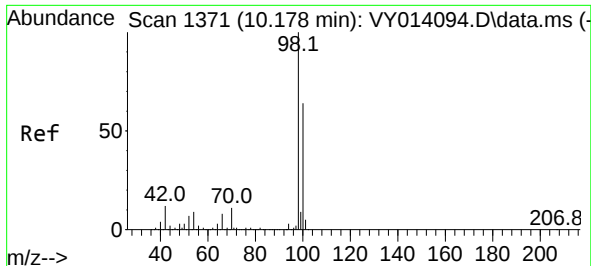
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 21.4 16.9 25.3

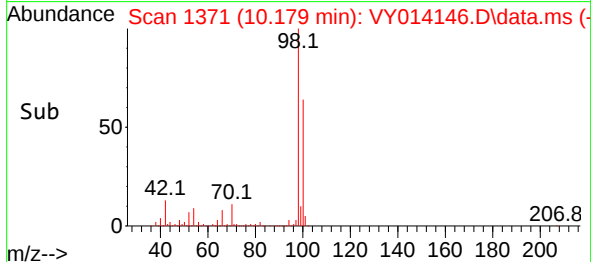
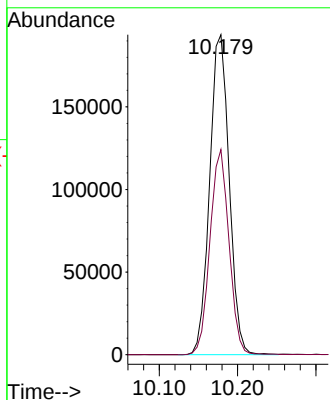
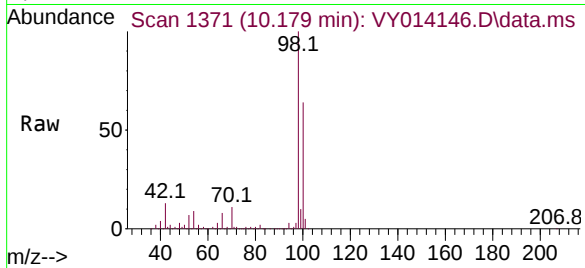




#50
Toluene-d8
Concen: 47.423 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

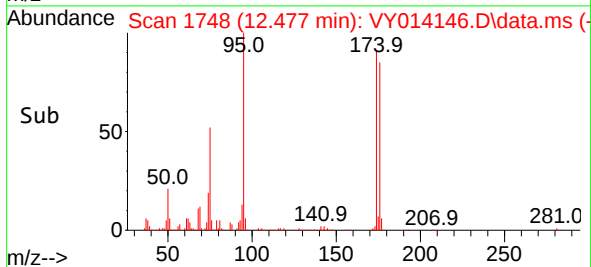
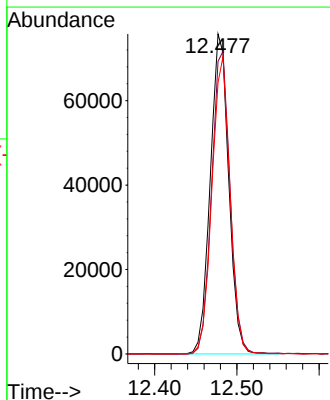
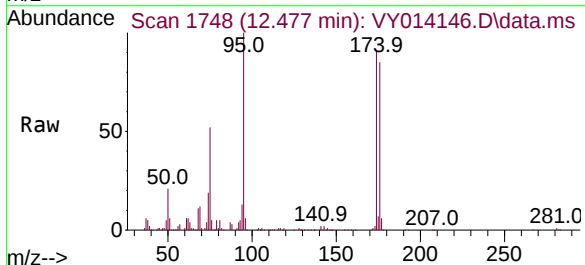
Instrument :
MSVOA_Y
ClientSampleId :
ELI-SUB-LD-CON

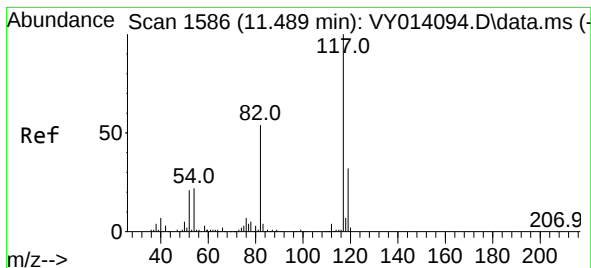
Tgt Ion: 98 Resp: 335363
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.224 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

Tgt Ion: 95 Resp: 118631
Ion Ratio Lower Upper
95 100
174 94.7 0.0 178.2
176 91.0 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: VY014146.D

Acq: 13 Jun 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

ELI-SUB-LD-CON

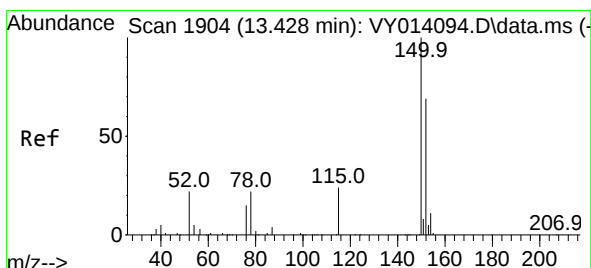
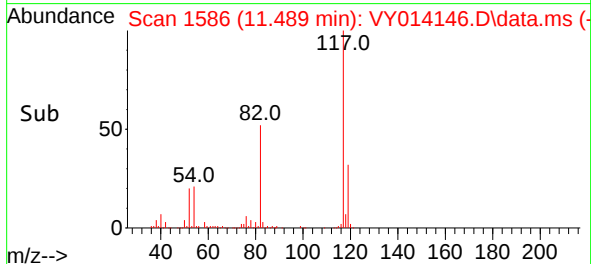
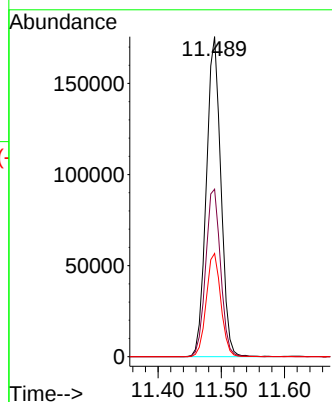
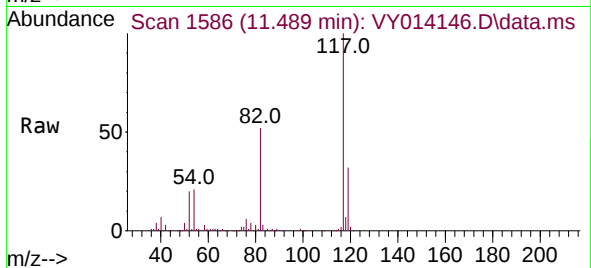
Tgt Ion:117 Resp: 281312

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 32.2 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: VY014146.D

Acq: 13 Jun 2023 17:50

Tgt Ion:152 Resp: 137377

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 156.3 0.0 348.8

