

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015511.D
 Acq On : 12 Sep 2023 16:34
 Operator : SY/MD
 Sample : 04299-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-9.5-10.0

Quant Time: Sep 12 17:26:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	277192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	461295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	410654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	171463	57.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.400%
35) Dibromofluoromethane	7.710	113	142242	53.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.080%
50) Toluene-d8	10.179	98	533656	55.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.920%
62) 4-Bromofluorobenzene	12.477	95	178064	49.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.700%

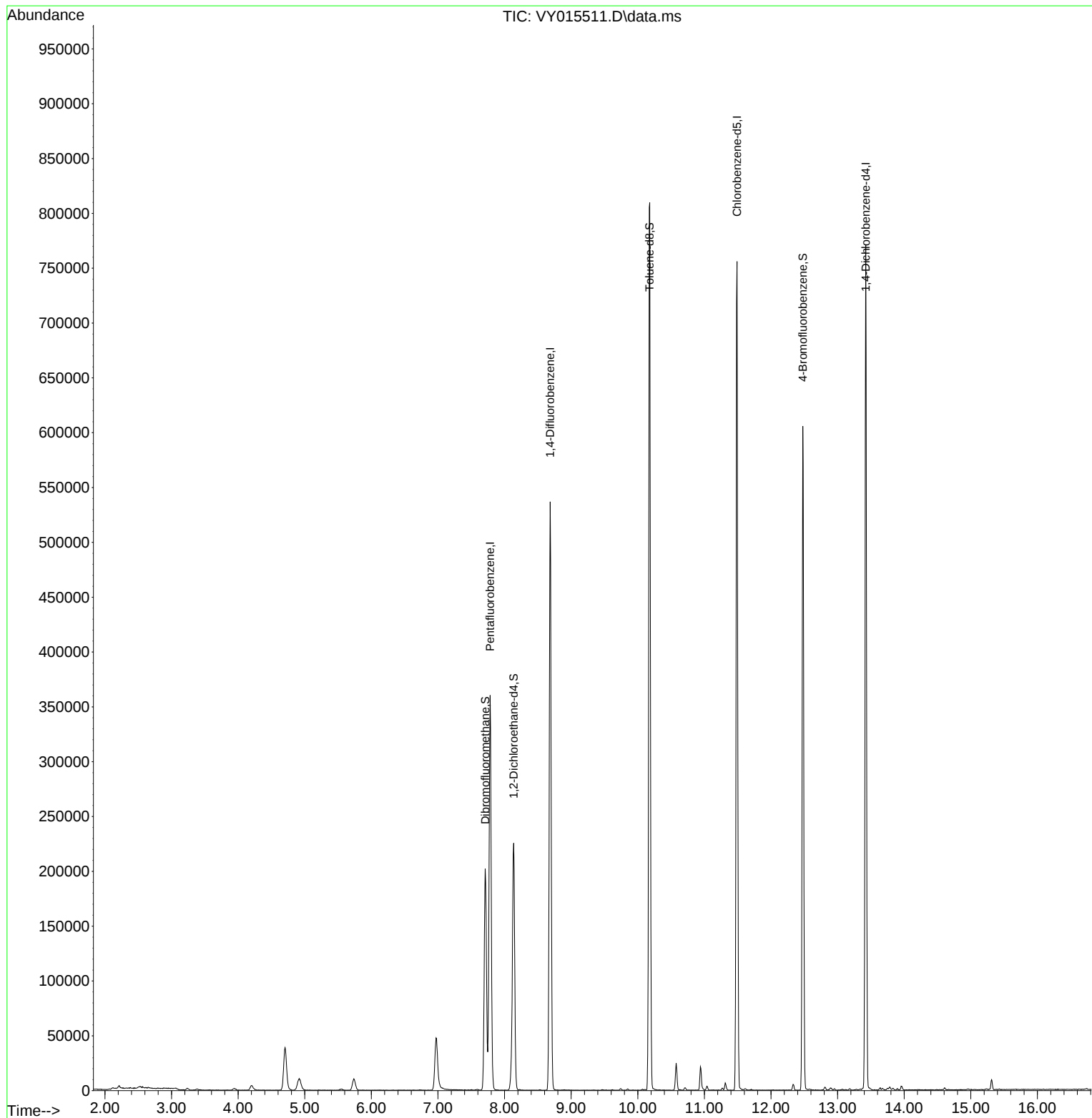
Target Compounds	Qvalue

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

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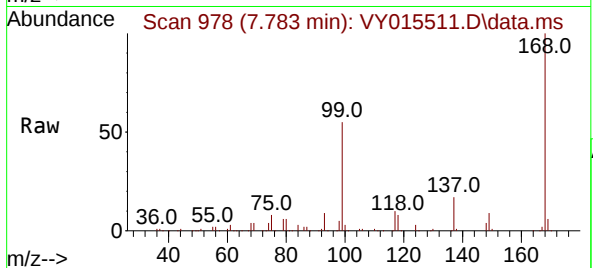
Quant Time: Sep 12 17:26:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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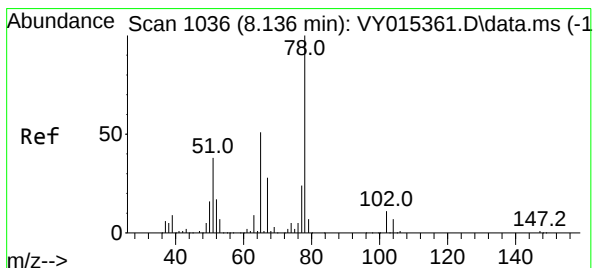
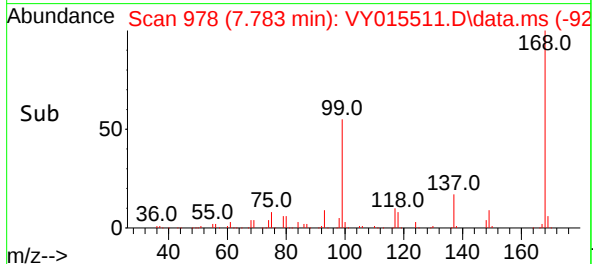
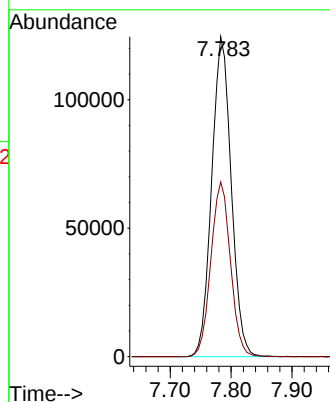


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

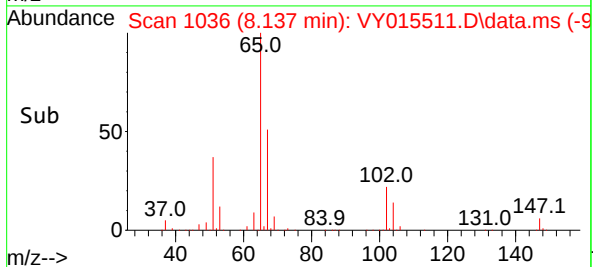
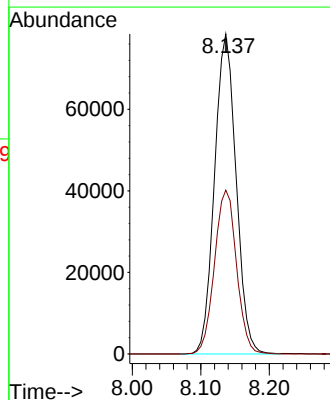
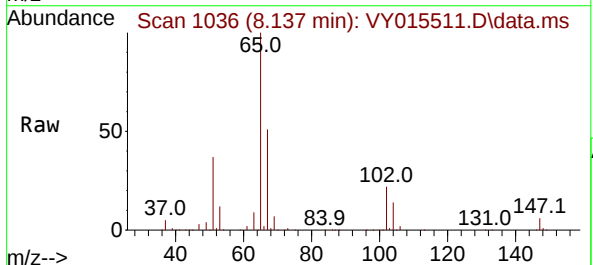


Tgt Ion:168 Resp: 277192
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.703 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Tgt Ion: 65 Resp: 171463
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015511.D

Acq: 12 Sep 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-9.5-10.0

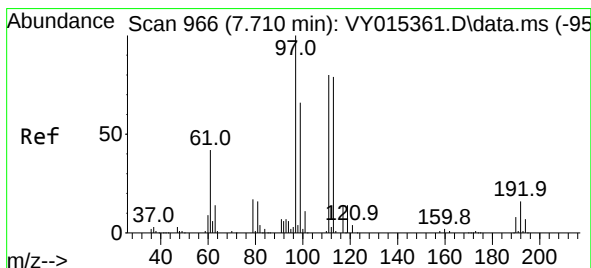
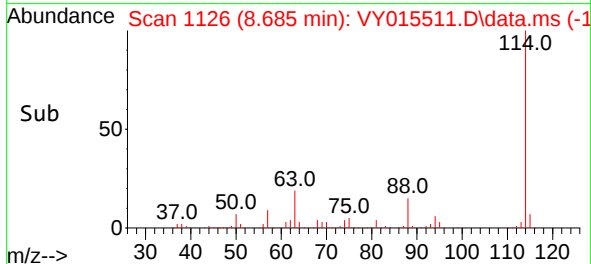
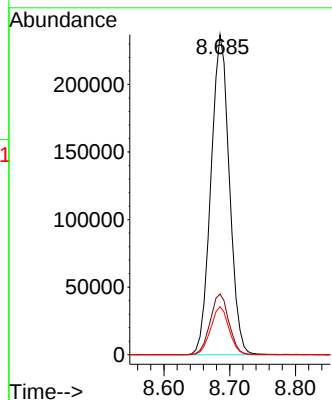
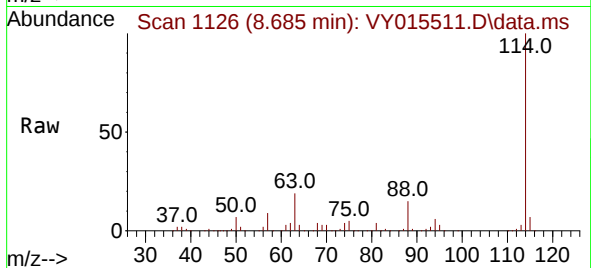
Tgt Ion:114 Resp: 461295

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.536 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015511.D

Acq: 12 Sep 2023 16:34

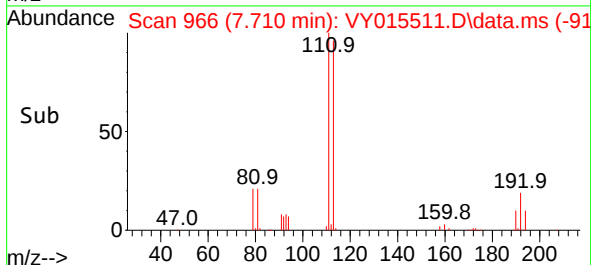
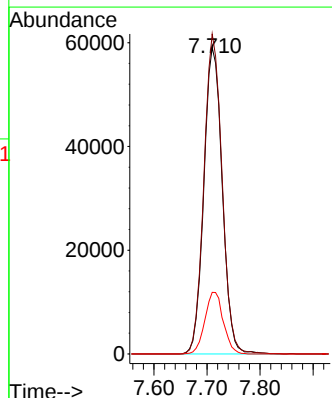
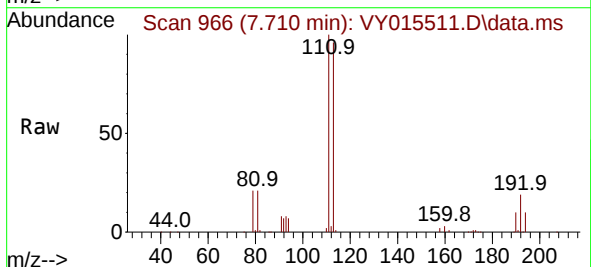
Tgt Ion:113 Resp: 142242

Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 20.2 16.9 25.3

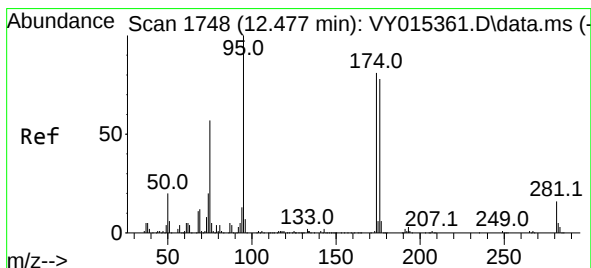
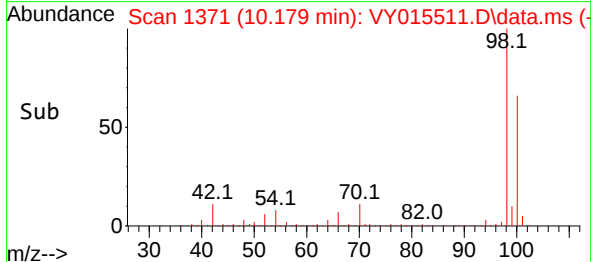
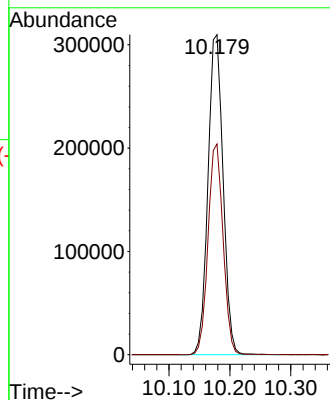
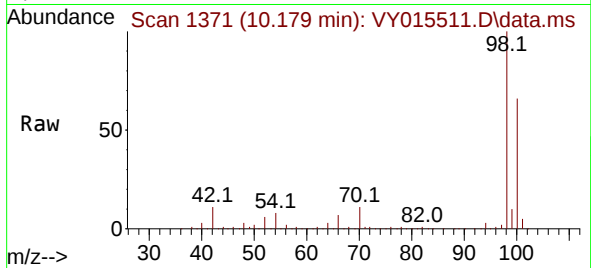




#50
Toluene-d8
Concen: 55.463 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

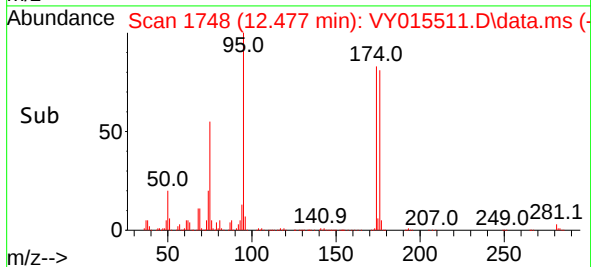
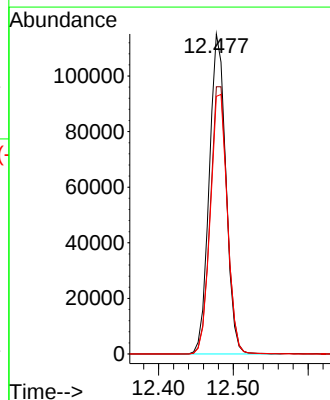
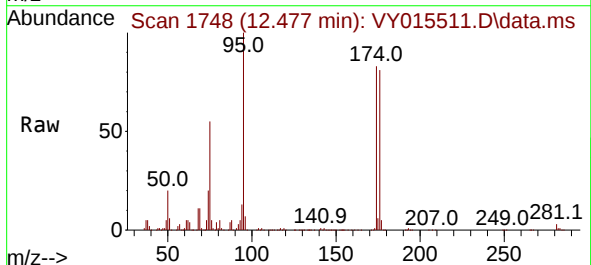
Instrument :
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ClientSampleId :
SB-03-9.5-10.0

Tgt Ion: 98 Resp: 533656
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.850 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Tgt Ion: 95 Resp: 178064
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 83.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015511.D

Acq: 12 Sep 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-9.5-10.0

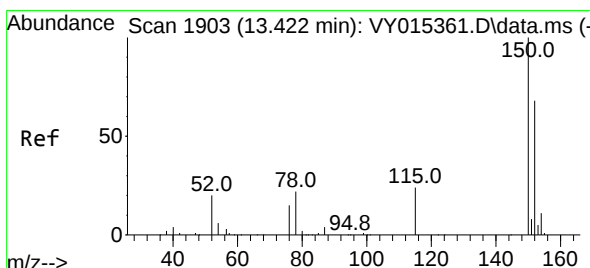
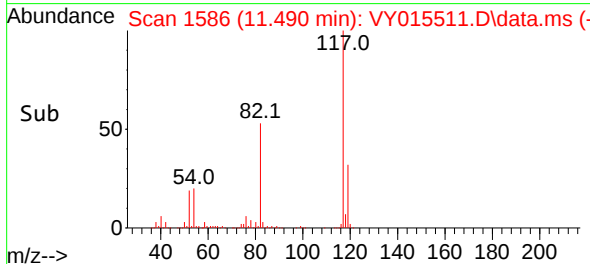
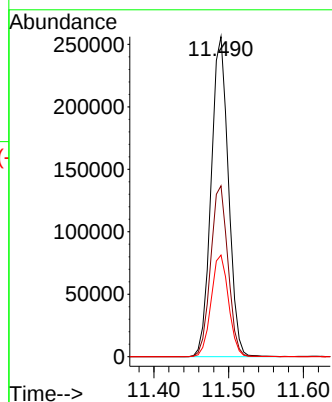
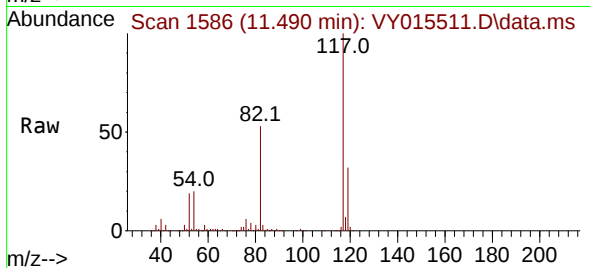
Tgt Ion:117 Resp: 410654

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015511.D

Acq: 12 Sep 2023 16:34

Tgt Ion:152 Resp: 190750

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.6 0.0 348.8

