

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015718.D
 Acq On : 26 Sep 2023 19:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 27 10:00:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Continuing Cal File:

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	140659	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	244856	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	225286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	115170	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83123	0.000	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	7.728	113	80465	0.000	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.185	98	251621	0.000	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	12.489	95	105891	0.000	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

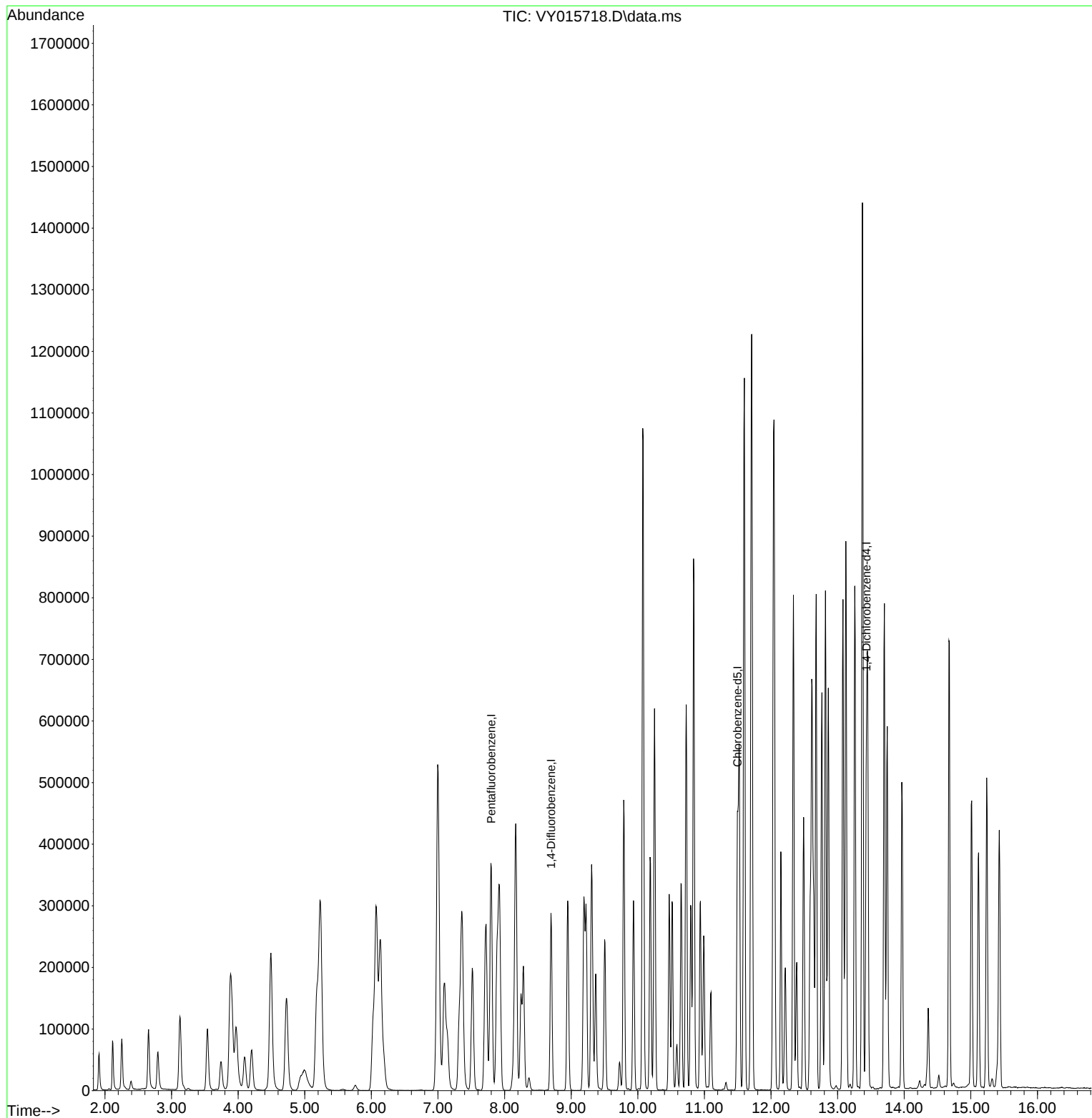
Target Compounds	Qvalue

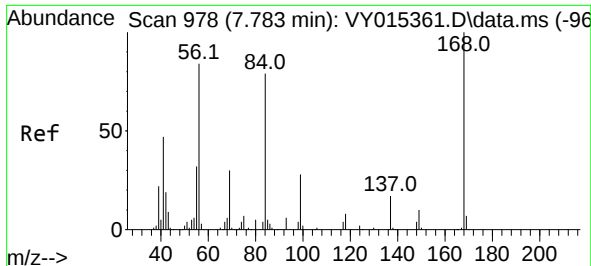
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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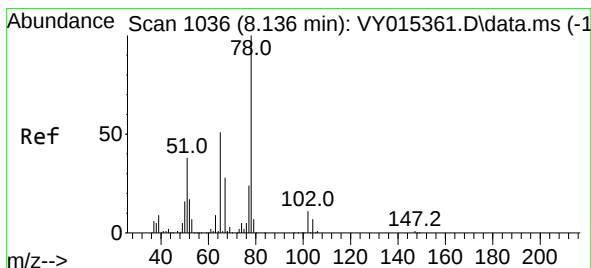
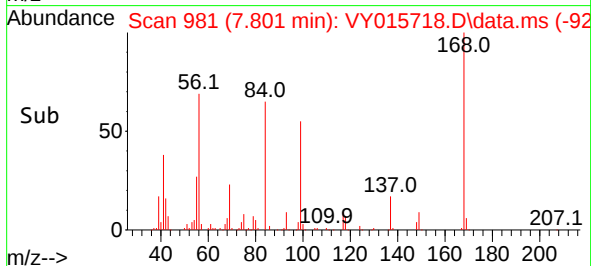
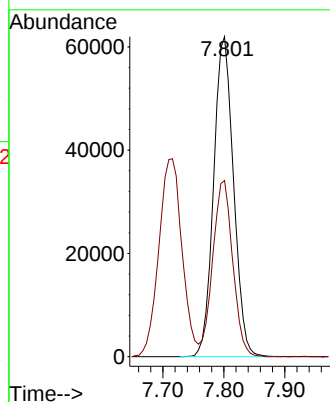
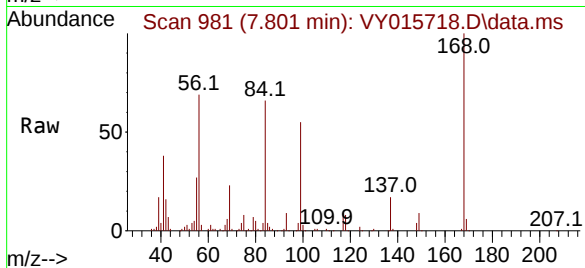




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

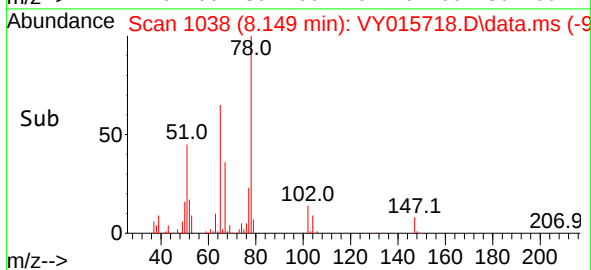
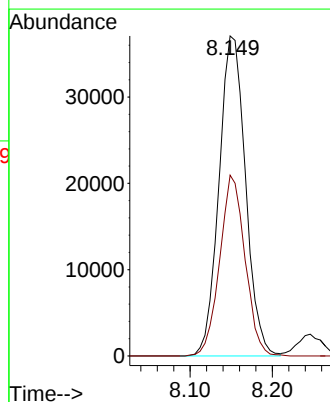
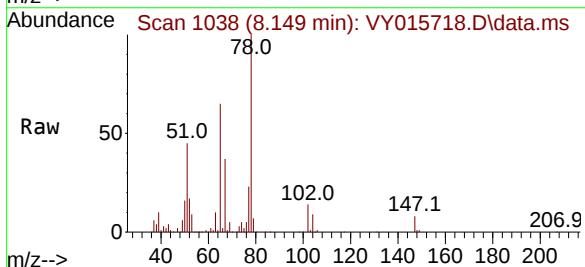
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 140659
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 65 Resp: 83123
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

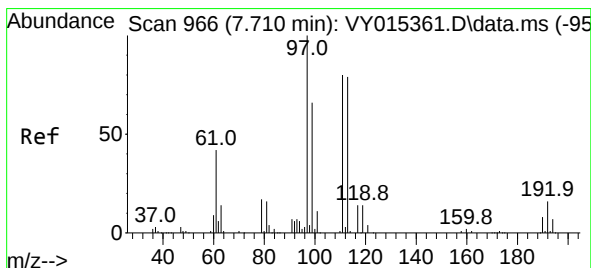
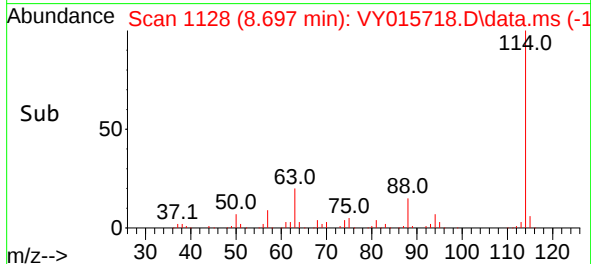
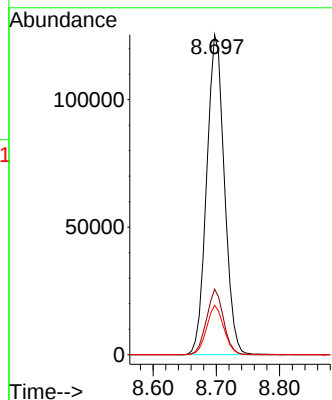
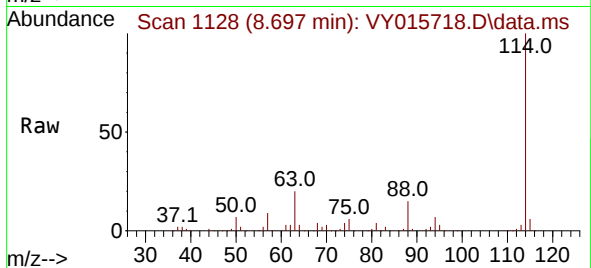
Tgt Ion:114 Resp: 244856

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 0.000 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

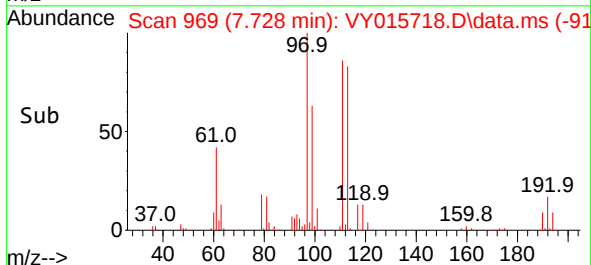
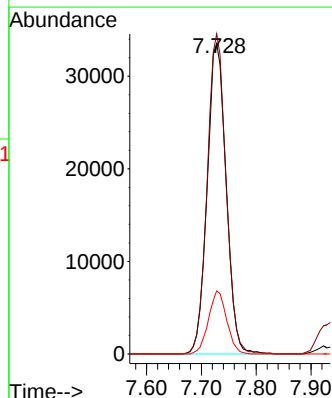
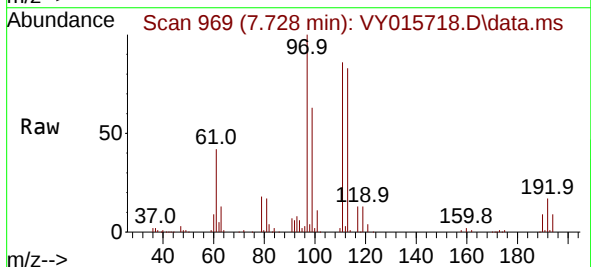
Tgt Ion:113 Resp: 80465

Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 19.5 16.9 25.3

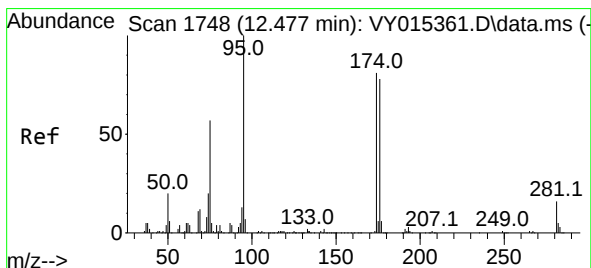
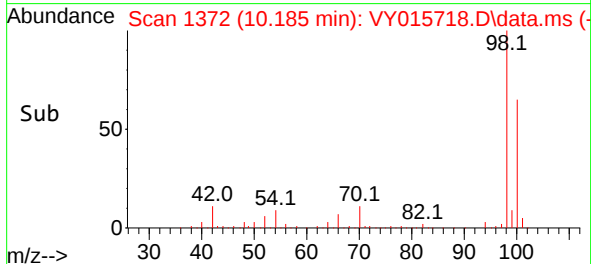
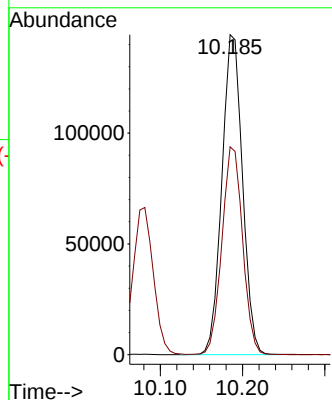
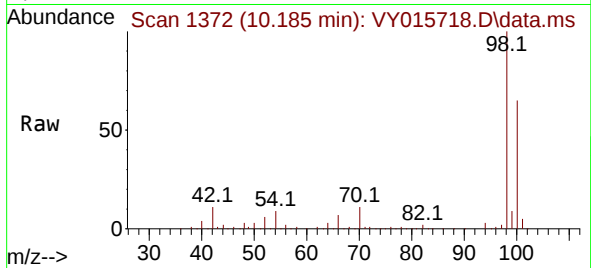




#50
Toluene-d8
Concen: 0.000 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

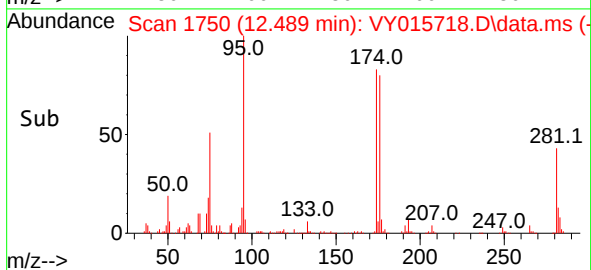
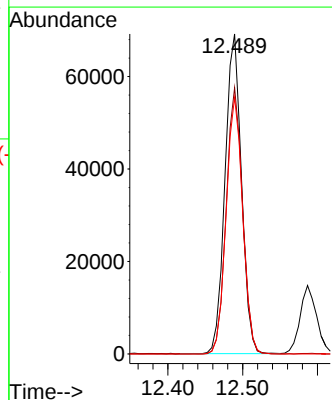
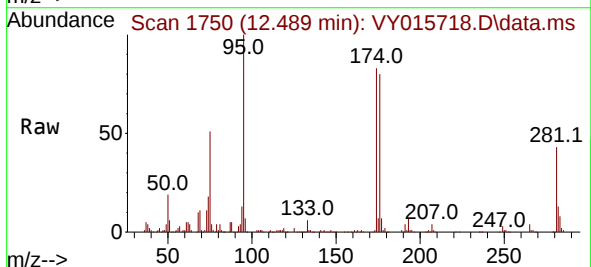
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 98 Resp: 251621
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 95 Resp: 105891
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.2
176 80.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

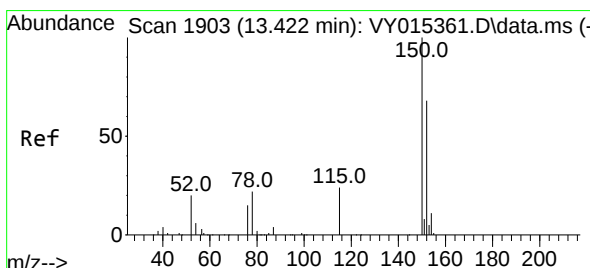
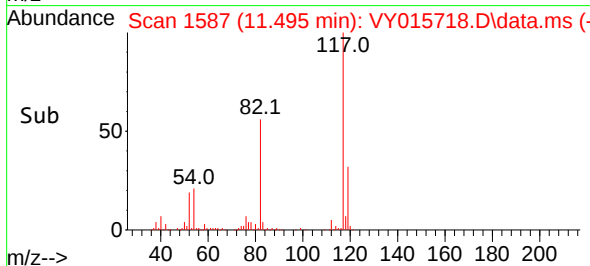
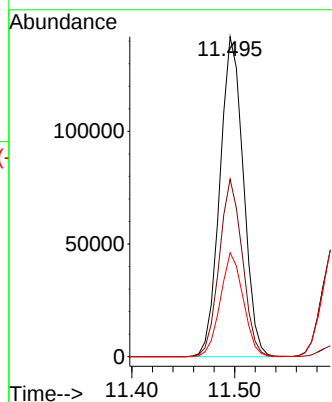
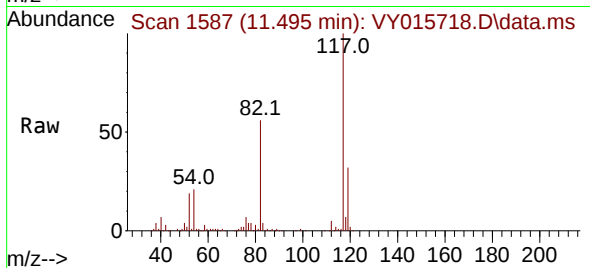
Tgt Ion:117 Resp: 225286

Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Tgt Ion:152 Resp: 115170

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 182.2 0.0 348.8

