

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015505.D
 Acq On : 12 Sep 2023 12:45
 Operator : SY/MD
 Sample : VY0912SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBL01

Quant Time: Sep 13 05:52:11 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	7.789	168	275014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	456786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	414472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	197435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	167541	56.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.660%
35) Dibromofluoromethane	7.716	113	144455	54.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.820%
50) Toluene-d8	10.179	98	532313	55.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.740%
62) 4-Bromofluorobenzene	12.477	95	182849	51.695	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.400%

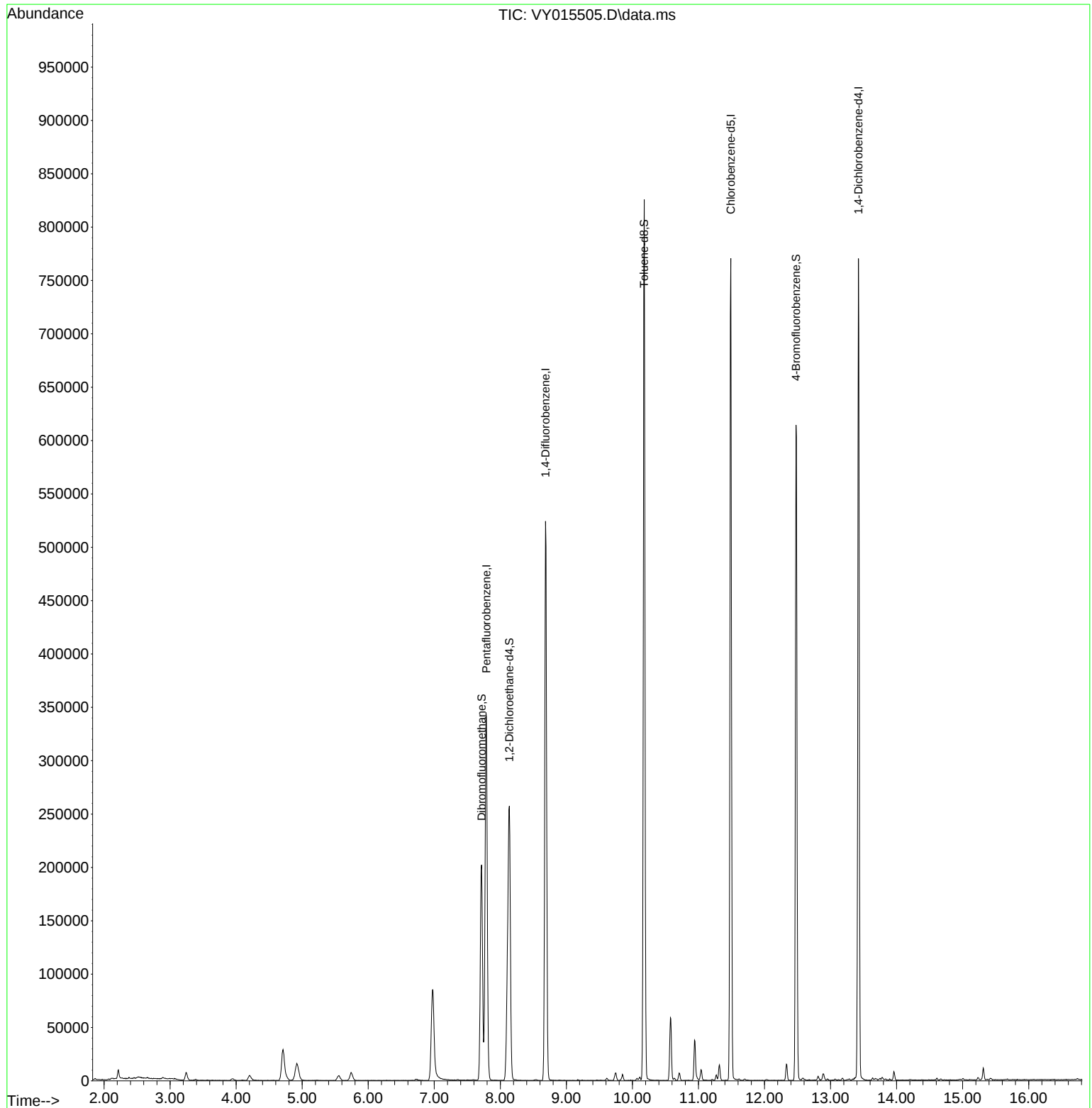
Target Compounds	Qvalue

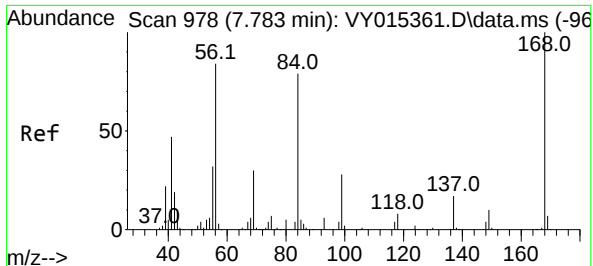
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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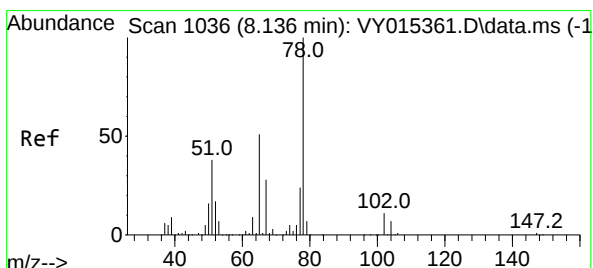
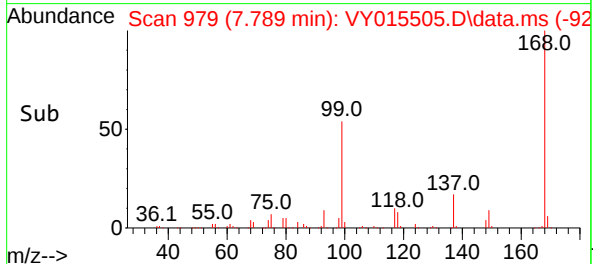
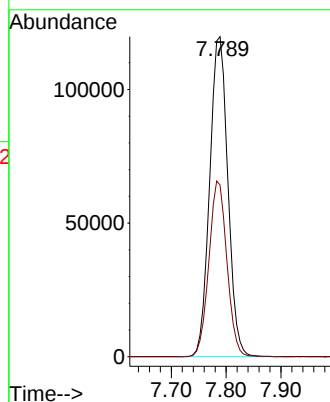
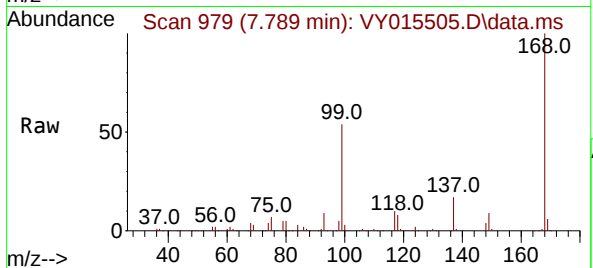




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45

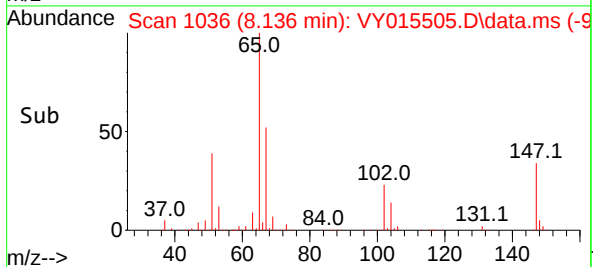
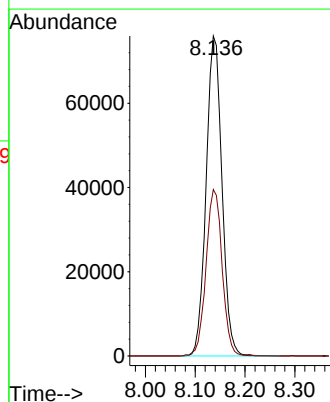
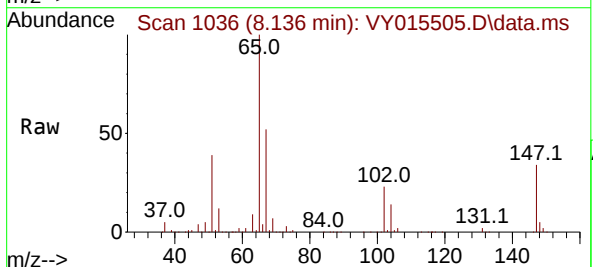
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

Tgt Ion:168 Resp: 275014
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.830 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45

Tgt Ion: 65 Resp: 167541
Ion Ratio Lower Upper
65 100
67 52.9 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: VY015505.D

Acq: 12 Sep 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBL01

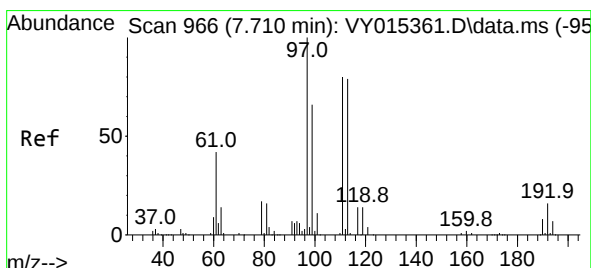
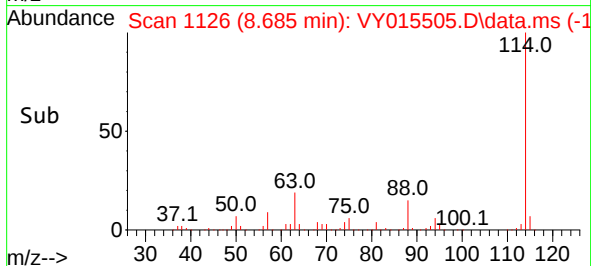
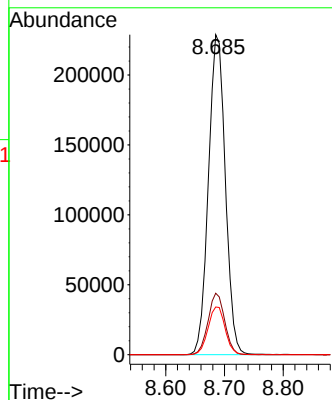
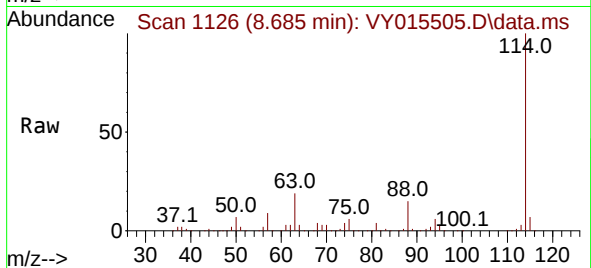
Tgt Ion:114 Resp: 456786

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.905 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015505.D

Acq: 12 Sep 2023 12:45

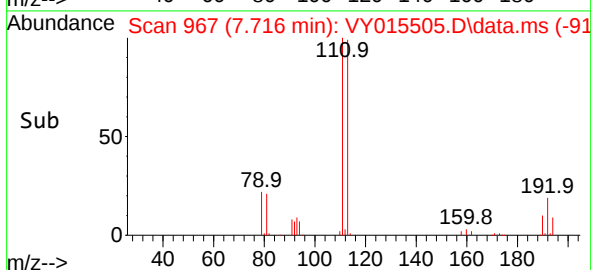
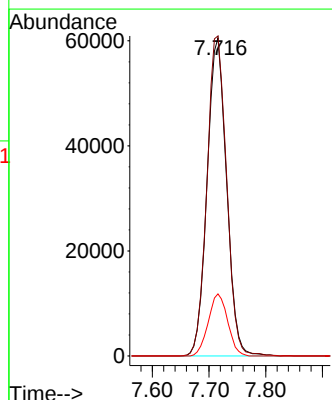
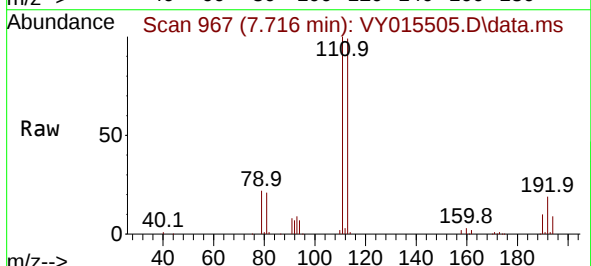
Tgt Ion:113 Resp: 144455

Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.5 16.9 25.3

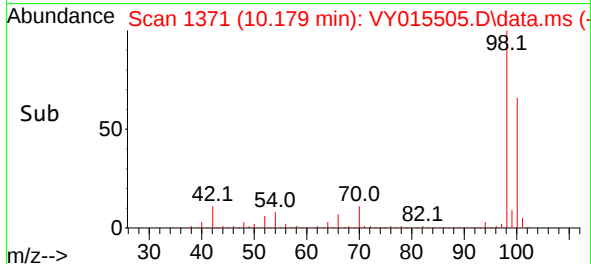
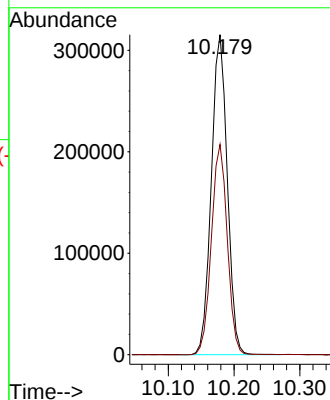
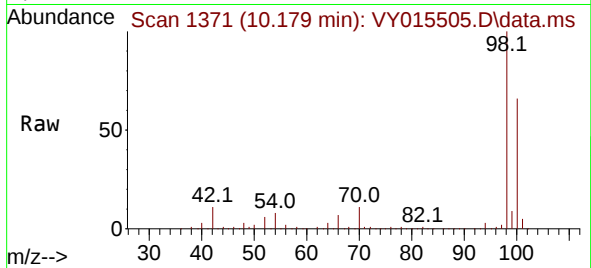




#50
Toluene-d8
Concen: 55.869 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45

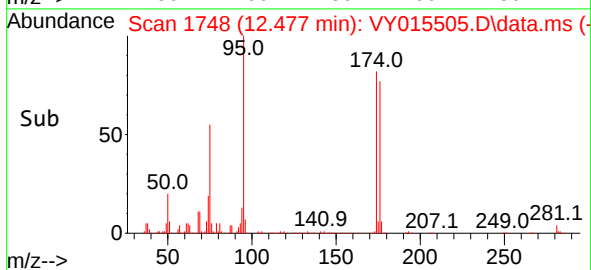
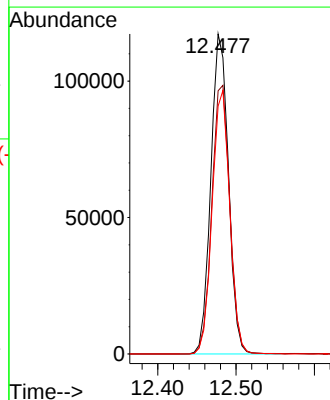
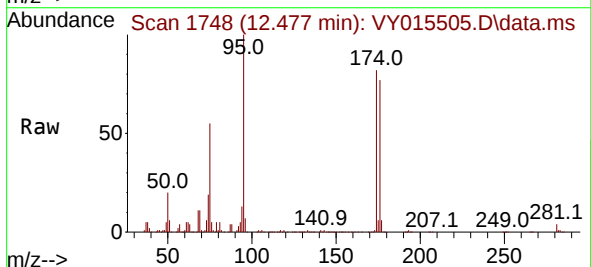
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

Tgt Ion: 98 Resp: 532313
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.695 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45

Tgt Ion: 95 Resp: 182849
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 82.5 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: VY015505.D

Acq: 12 Sep 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBL01

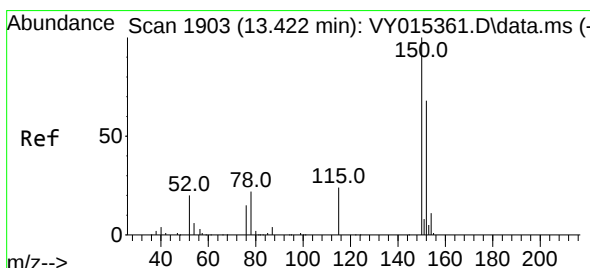
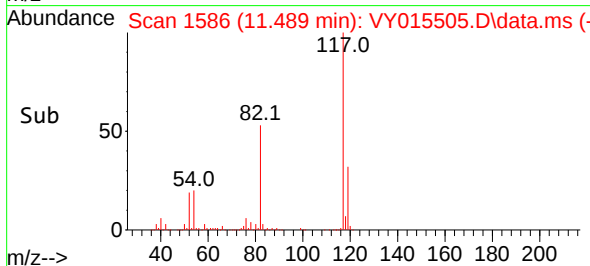
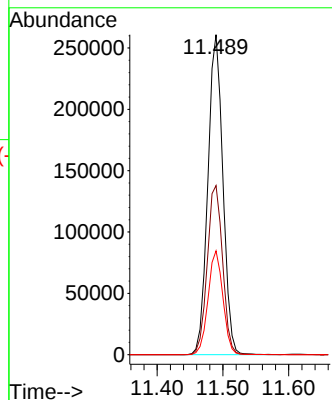
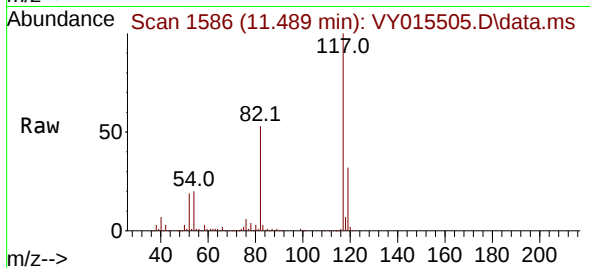
Tgt Ion:117 Resp: 414472

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 32.5 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: VY015505.D

Acq: 12 Sep 2023 12:45

Tgt Ion:152 Resp: 197435

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 157.4 0.0 348.8

