

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014580.D
 Acq On : 06 Jul 2023 11:55
 Operator : KP/MD
 Sample : 03515-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LEONIA-COMP

Quant Time: Jul 07 06:11:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	233414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	372358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167650	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138191	59.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.020%
35) Dibromofluoromethane	7.710	113	124110	54.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.260%
50) Toluene-d8	10.179	98	426015	46.998	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.000%
62) 4-Bromofluorobenzene	12.477	95	140061	44.498	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.000%

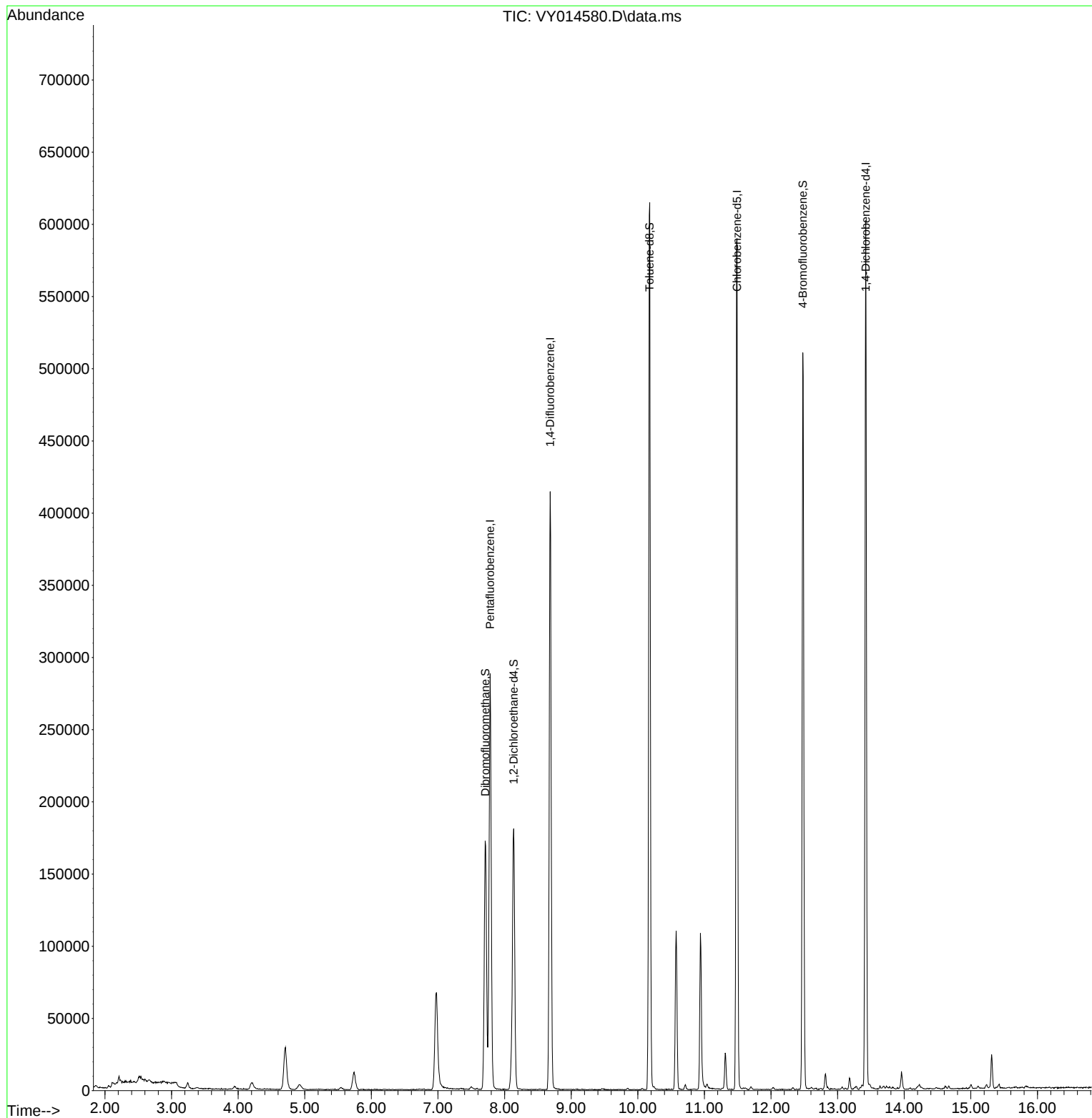
Target Compounds	Qvalue

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

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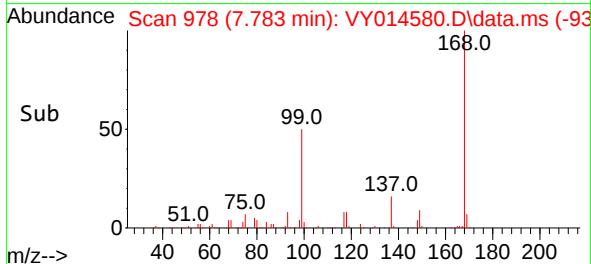
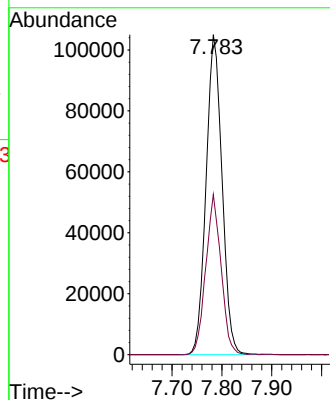
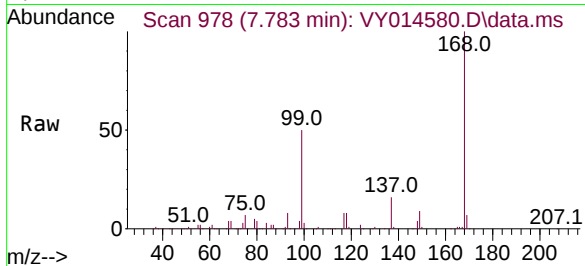




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

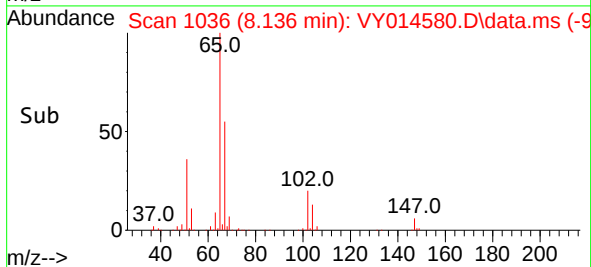
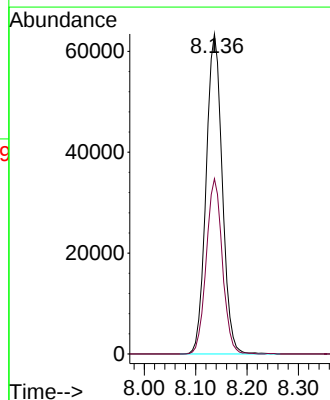
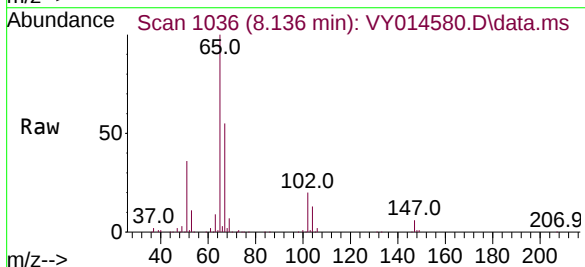
Instrument :
MSVOA_Y
ClientSampleId :
LEONIA-COMP

Tgt Ion:168 Resp: 233414
Ion Ratio Lower Upper
168 100
99 50.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.515 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

Tgt Ion: 65 Resp: 138191
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.8

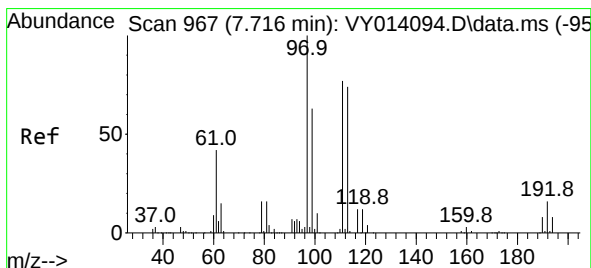
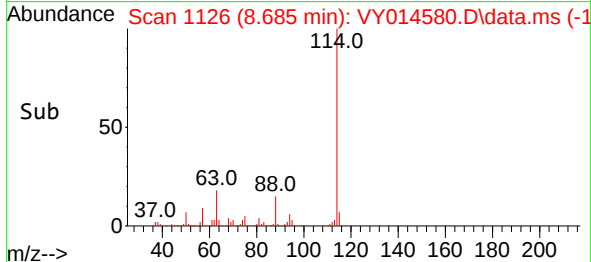
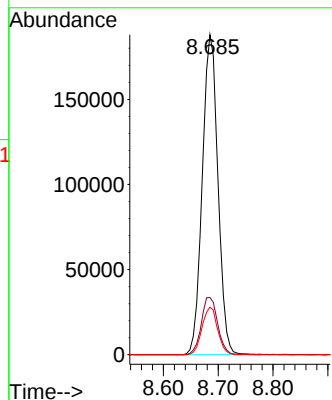
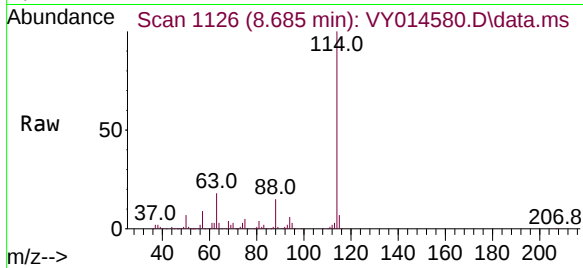




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

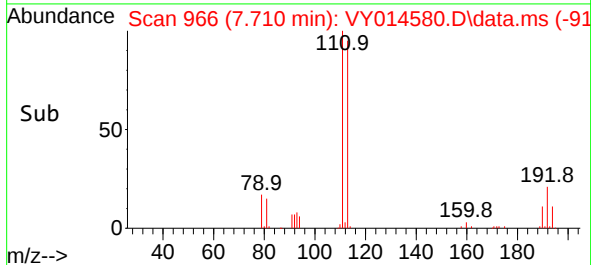
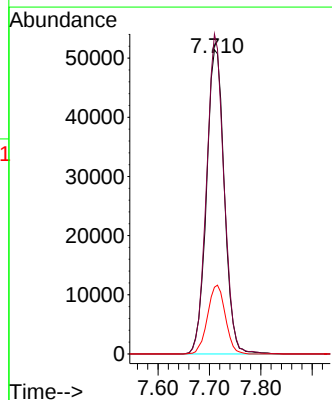
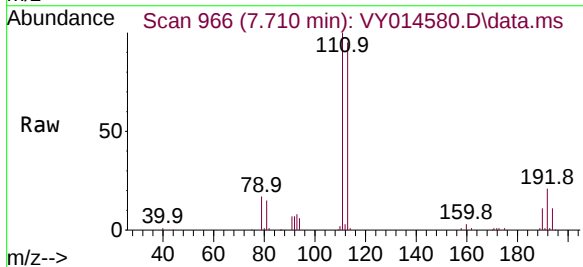
Instrument :
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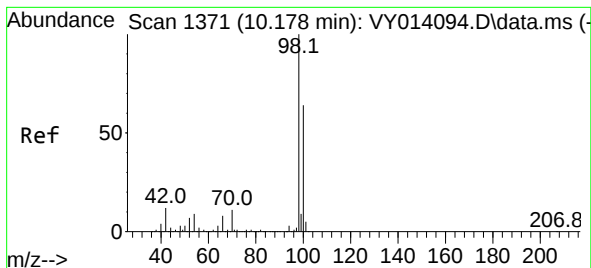
Tgt Ion:114 Resp: 372358
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.125 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

Tgt Ion:113 Resp: 124110
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 22.5 16.9 25.3

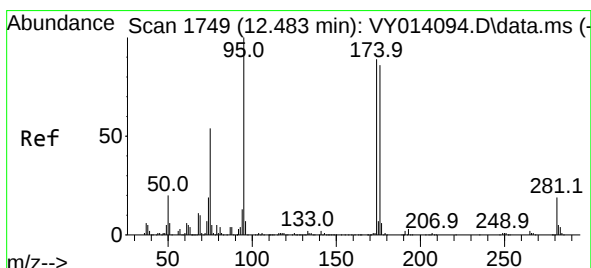
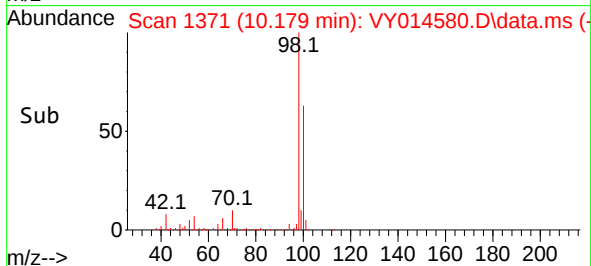
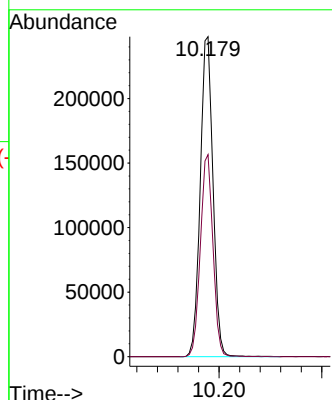
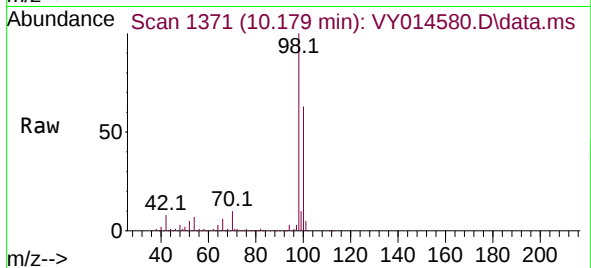




#50
Toluene-d8
Concen: 46.998 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

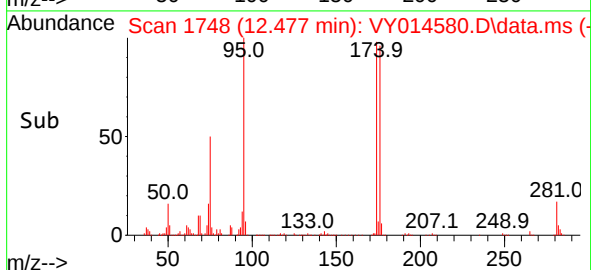
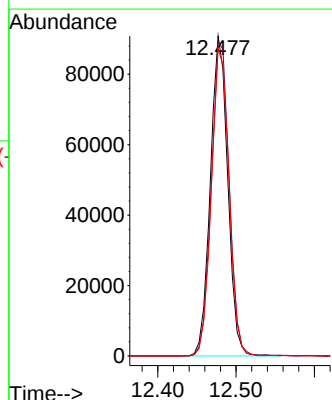
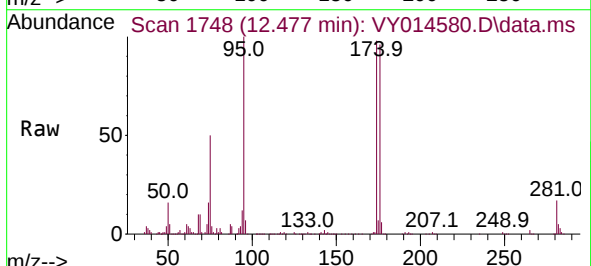
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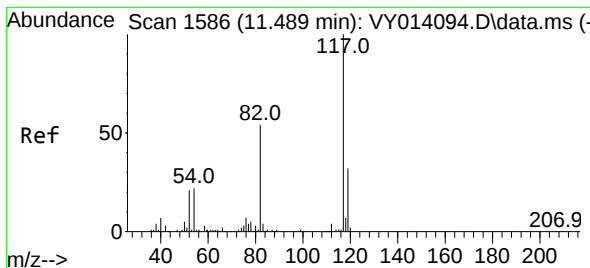
Tgt Ion: 98 Resp: 426015
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.498 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

Tgt Ion: 95 Resp: 140061
Ion Ratio Lower Upper
95 100
174 100.9 0.0 178.2
176 96.9 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: VY014580.D

Acq: 06 Jul 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

LEONIA-COMP

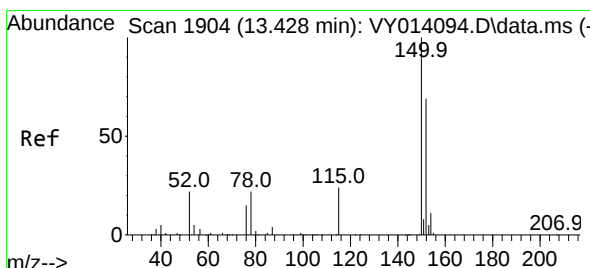
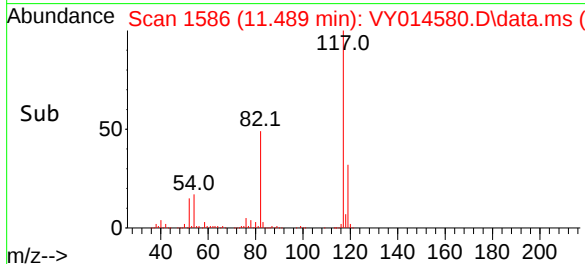
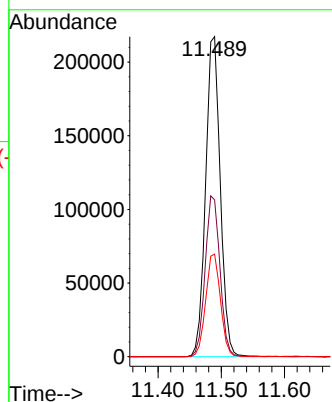
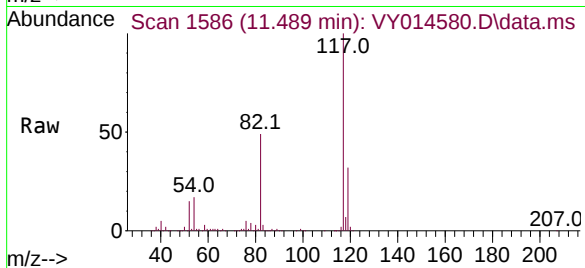
Tgt Ion:117 Resp: 350791

Ion Ratio Lower Upper

117 100

82 49.0 43.4 65.0

119 32.1 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: VY014580.D

Acq: 06 Jul 2023 11:55

Tgt Ion:152 Resp: 167650

Ion Ratio Lower Upper

152 100

115 53.0 28.8 86.5

150 154.8 0.0 348.8

