

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014557.D
 Acq On : 05 Jul 2023 14:45
 Operator : KP/MD
 Sample : 03498-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-063023

Quant Time: Jul 05 15:01:49 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	234996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170349	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	148208	63.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.800%
35) Dibromofluoromethane	7.710	113	127126	54.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.660%
50) Toluene-d8	10.173	98	454702	49.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.477	95	149143	46.858	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.720%

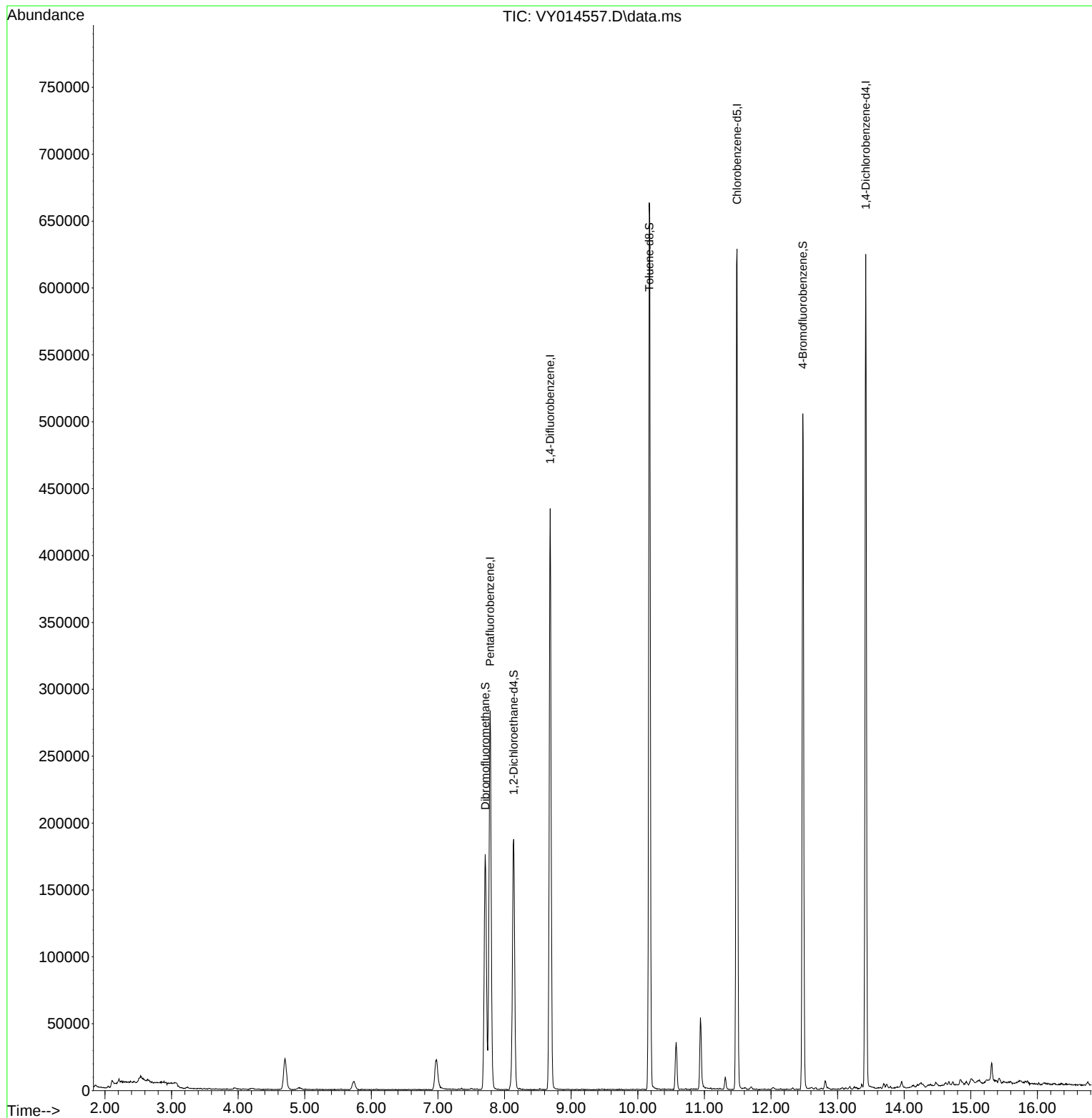
Target Compounds	Qvalue

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

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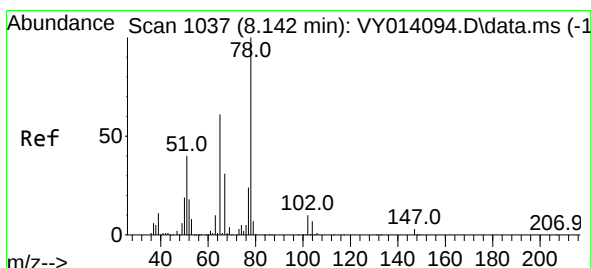
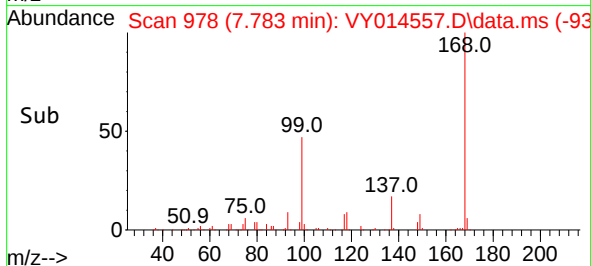
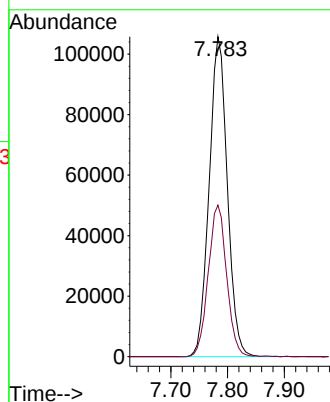
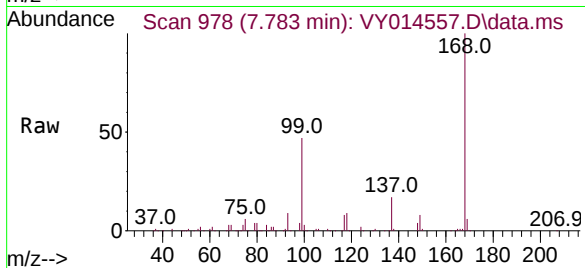




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

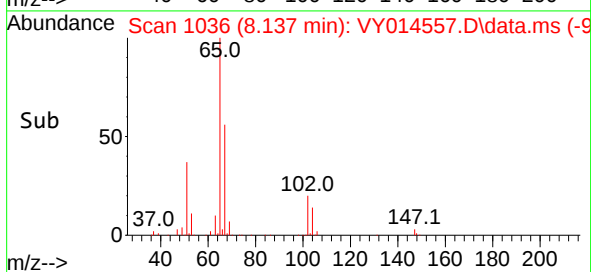
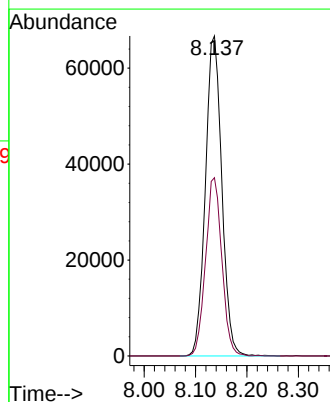
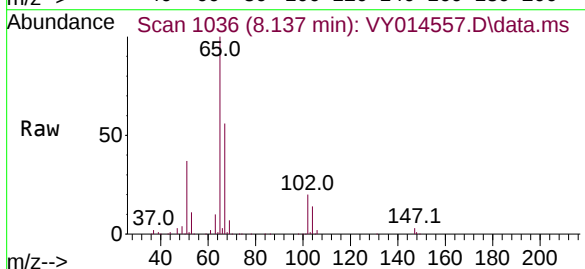
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-063023

Tgt Ion:168 Resp: 234996
Ion Ratio Lower Upper
168 100
99 47.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.399 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

Tgt Ion: 65 Resp: 148208
Ion Ratio Lower Upper
65 100
67 55.1 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: VY014557.D

Acq: 05 Jul 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-063023

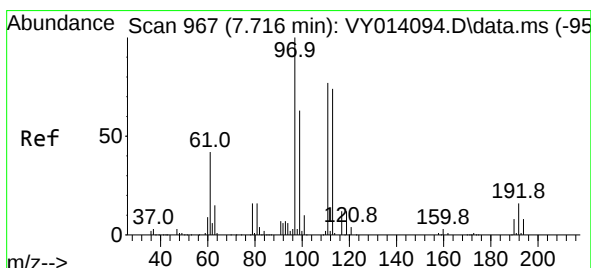
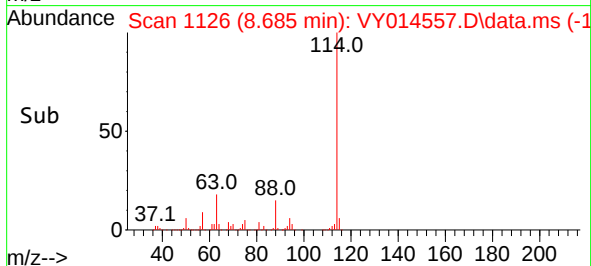
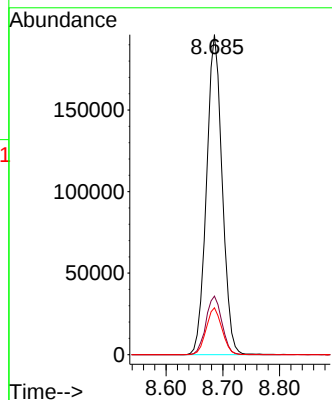
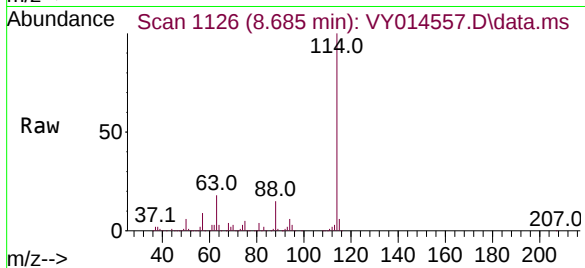
Tgt Ion:114 Resp: 376533

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.826 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014557.D

Acq: 05 Jul 2023 14:45

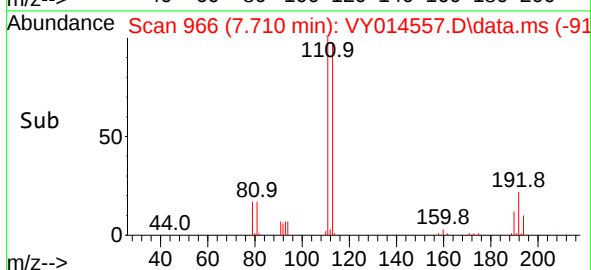
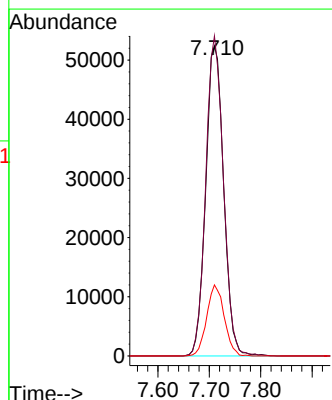
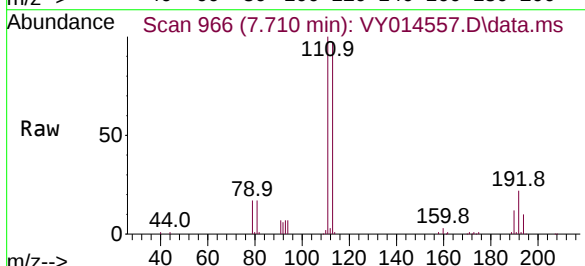
Tgt Ion:113 Resp: 127126

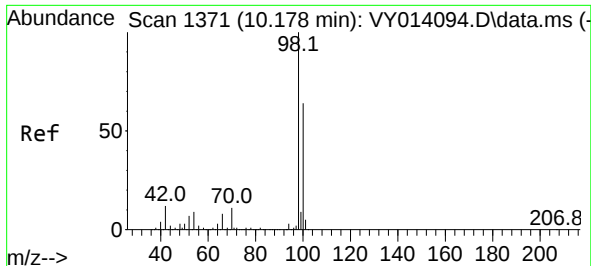
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 22.4 16.9 25.3

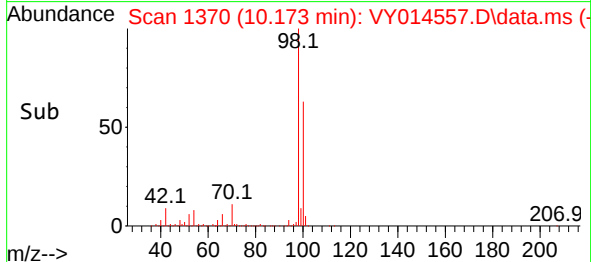
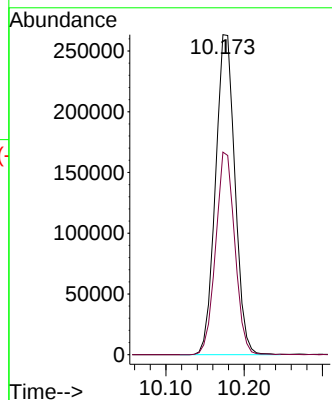
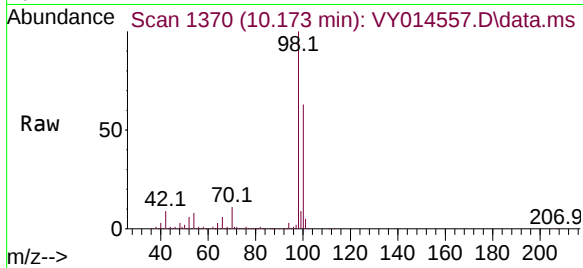




#50
Toluene-d8
Concen: 49.607 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

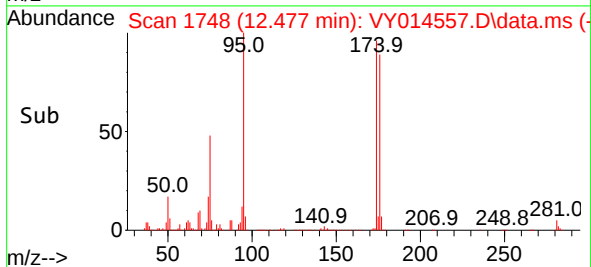
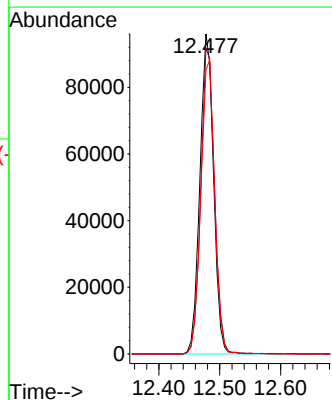
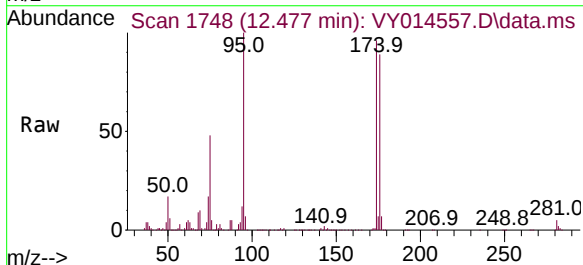
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MSVOA_Y
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NB-07-063023

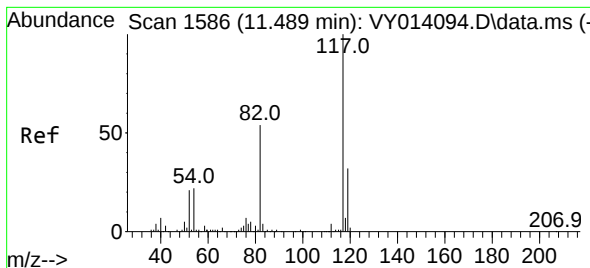
Tgt Ion: 98 Resp: 454702
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.858 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

Tgt Ion: 95 Resp: 149143
Ion Ratio Lower Upper
95 100
174 96.2 0.0 178.2
176 92.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014557.D

Acq: 05 Jul 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-063023

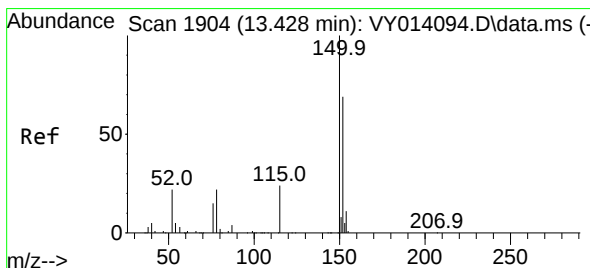
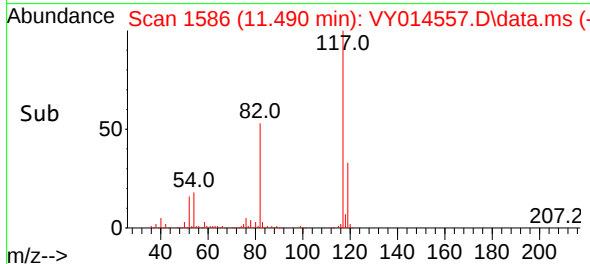
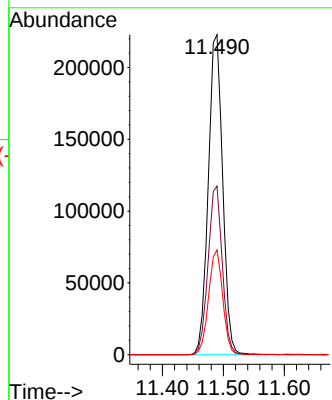
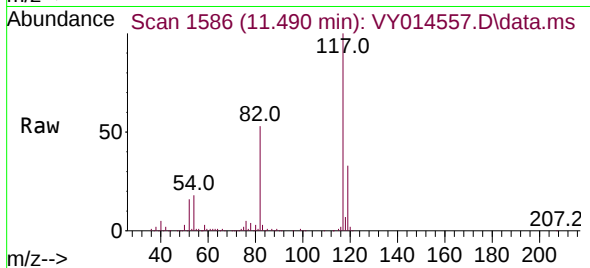
Tgt Ion:117 Resp: 365530

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 32.7 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: VY014557.D

Acq: 05 Jul 2023 14:45

Tgt Ion:152 Resp: 170349

Ion Ratio Lower Upper

152 100

115 54.4 28.8 86.5

150 157.0 0.0 348.8

