

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014438.D
 Acq On : 26 Jun 2023 16:50
 Operator : KP/MD
 Sample : 03375-01
 Misc : 2.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(0-2)

Quant Time: Jun 27 01:49:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	134544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83373	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83611	50.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.100%
35) Dibromofluoromethane	7.716	113	62048	51.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.000%
50) Toluene-d8	10.179	98	230789	47.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.483	95	71121	41.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.380%

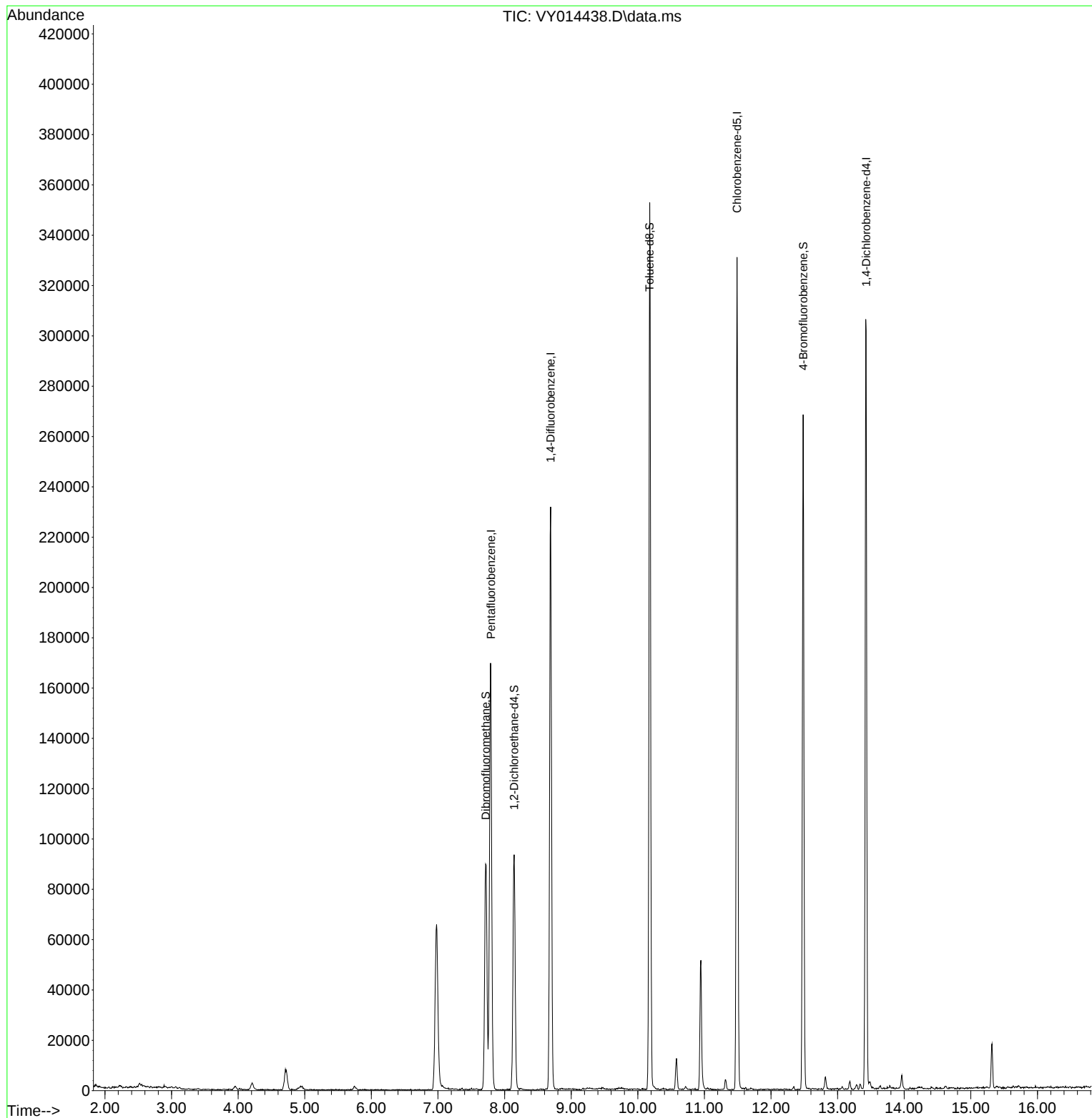
Target Compounds	Qvalue

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

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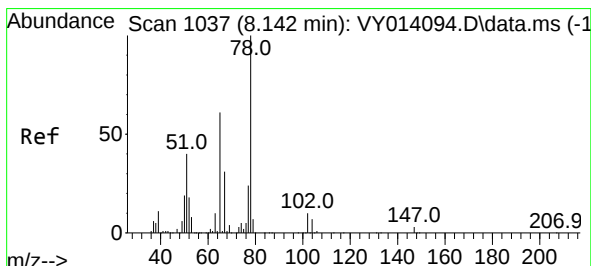
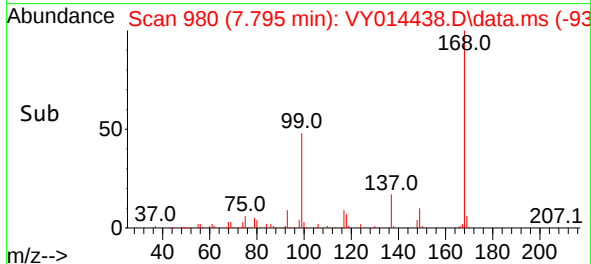
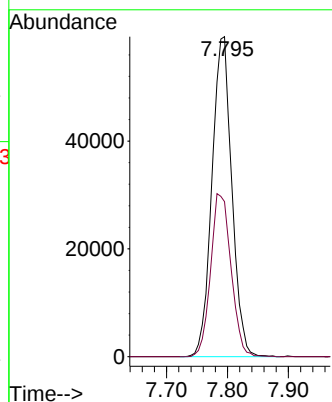
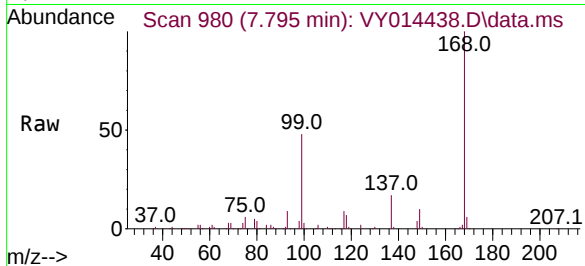




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014438.D
Acq: 26 Jun 2023 16:50

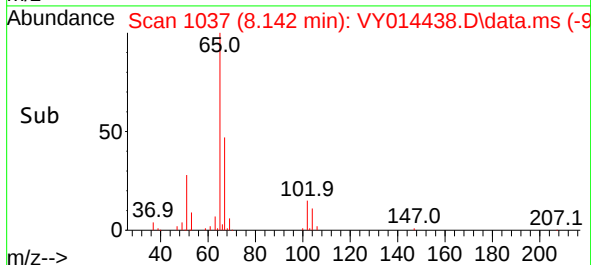
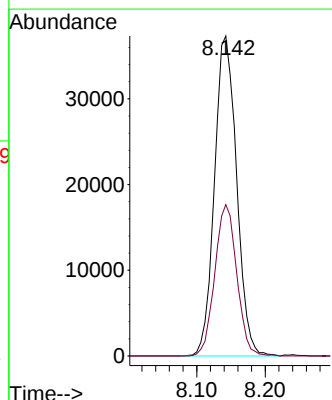
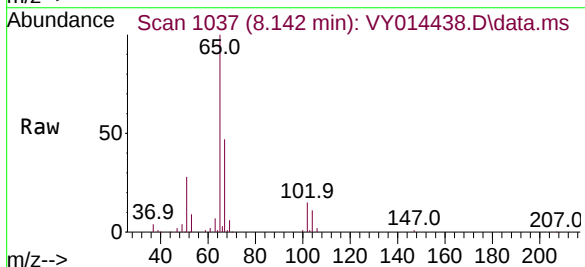
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(0-2)

Tgt Ion:168 Resp: 134544
Ion Ratio Lower Upper
168 100
99 48.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.052 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014438.D
Acq: 26 Jun 2023 16:50

Tgt Ion: 65 Resp: 83611
Ion Ratio Lower Upper
65 100
67 46.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014438.D

Acq: 26 Jun 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-5(0-2)

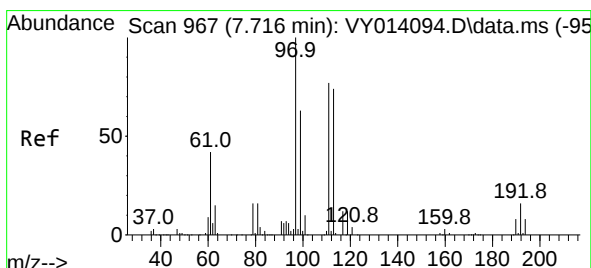
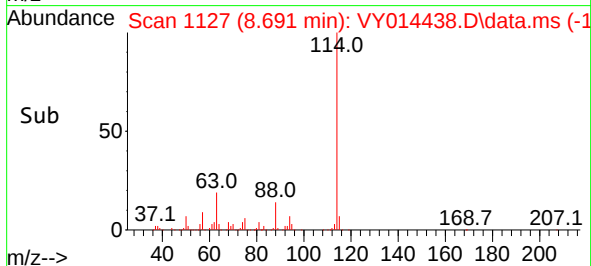
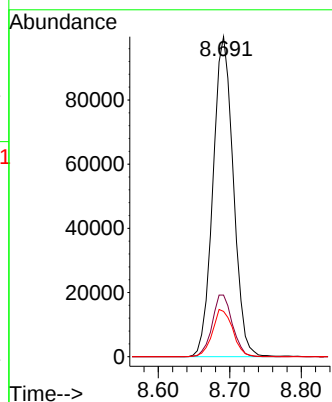
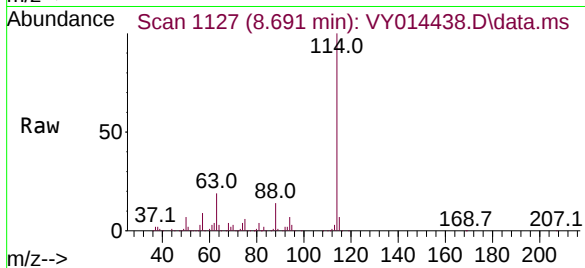
Tgt Ion:114 Resp: 196922

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.000 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014438.D

Acq: 26 Jun 2023 16:50

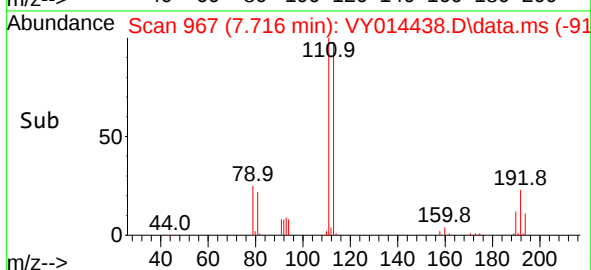
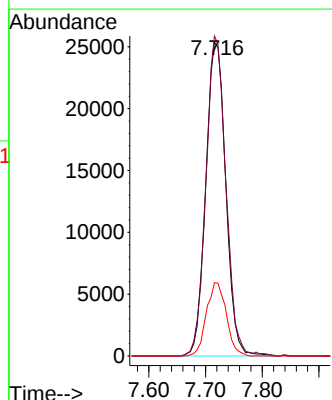
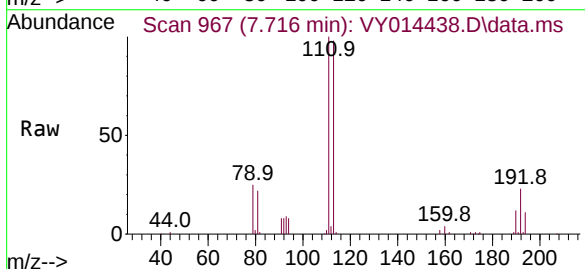
Tgt Ion:113 Resp: 62048

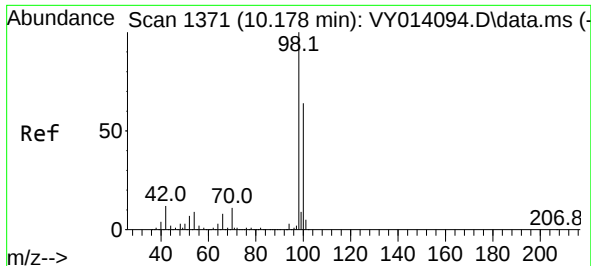
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 23.3 16.9 25.3

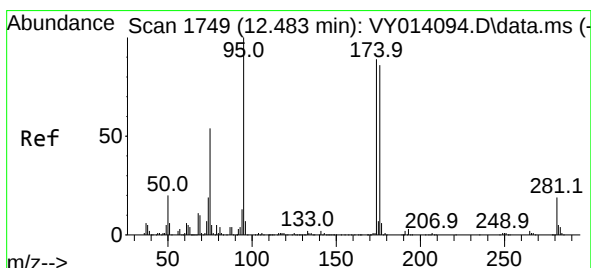
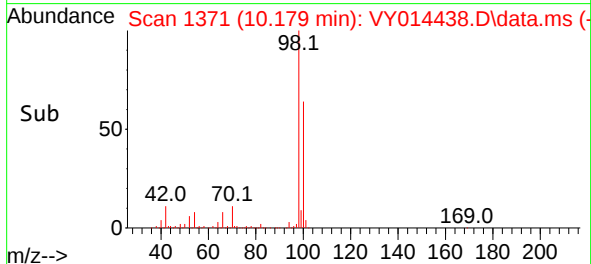
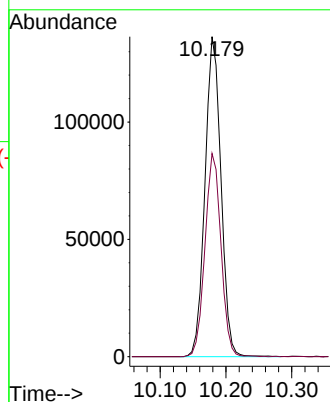
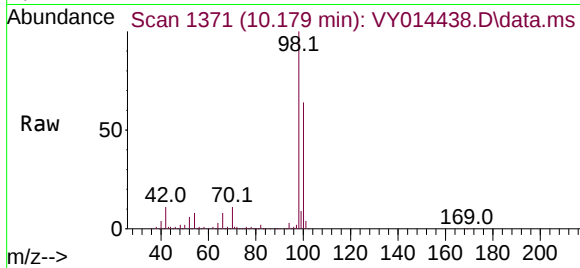




#50
Toluene-d8
Concen: 47.721 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014438.D
Acq: 26 Jun 2023 16:50

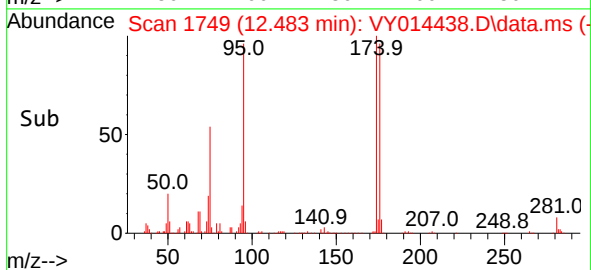
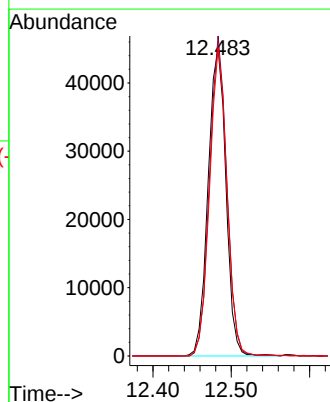
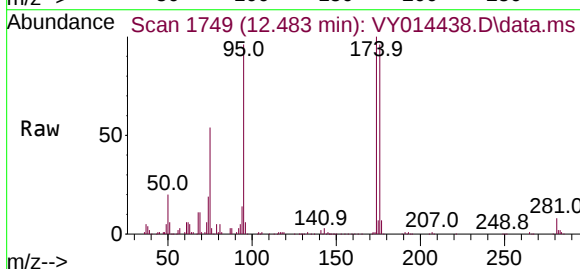
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(0-2)

Tgt Ion: 98 Resp: 230789
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014438.D
Acq: 26 Jun 2023 16:50

Tgt Ion: 95 Resp: 71121
Ion Ratio Lower Upper
95 100
174 100.5 0.0 178.2
176 97.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014438.D

Acq: 26 Jun 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-5(0-2)

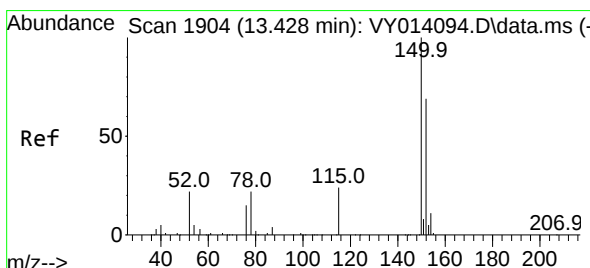
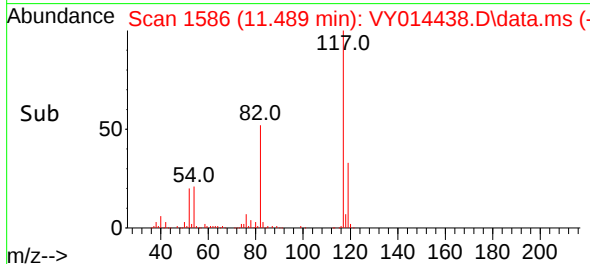
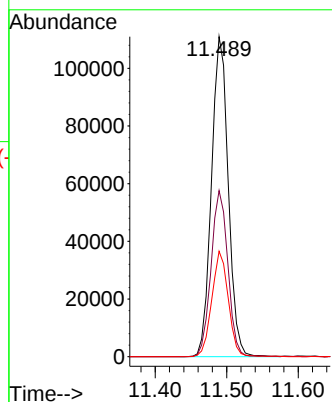
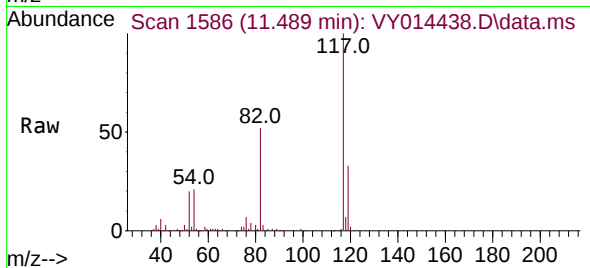
Tgt Ion:117 Resp: 180720

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.0

119 33.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014438.D

Acq: 26 Jun 2023 16:50

Tgt Ion:152 Resp: 83373

Ion Ratio Lower Upper

152 100

115 54.9 28.8 86.5

150 156.3 0.0 348.8

