

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014483.D
 Acq On : 28 Jun 2023 16:09
 Operator : KP/MD
 Sample : 03415-08
 Misc : 6.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ESII-TP1

Quant Time: Jun 29 02:19:06 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	7.789	168	161020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122161	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116217	58.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.260%
35) Dibromofluoromethane	7.715	113	85218	54.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.080%
50) Toluene-d8	10.178	98	307347	49.030	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.477	95	102887	45.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.940%

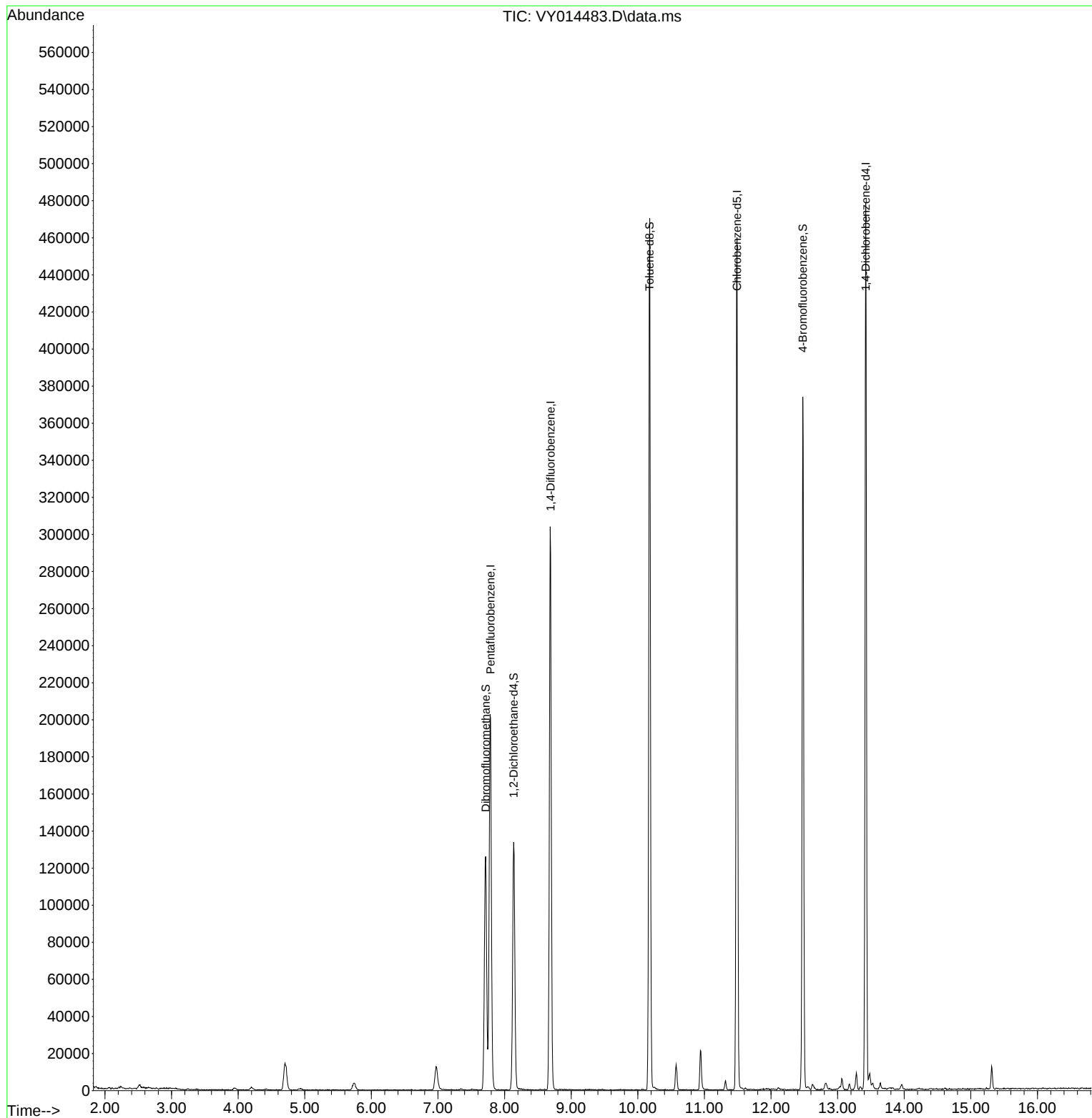
Target Compounds	Qvalue

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

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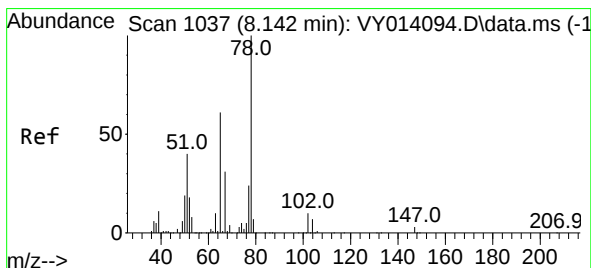
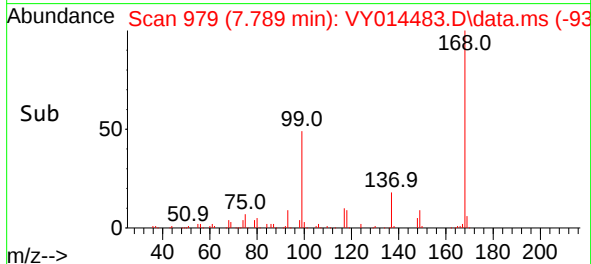
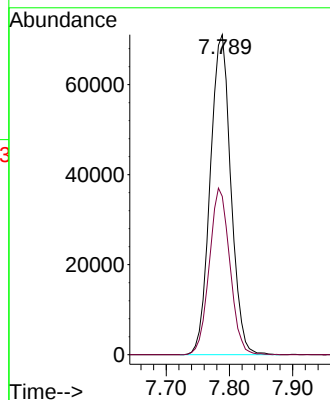
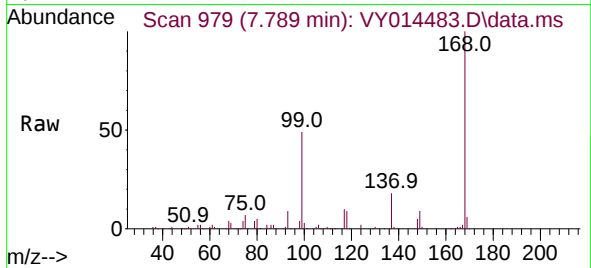




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

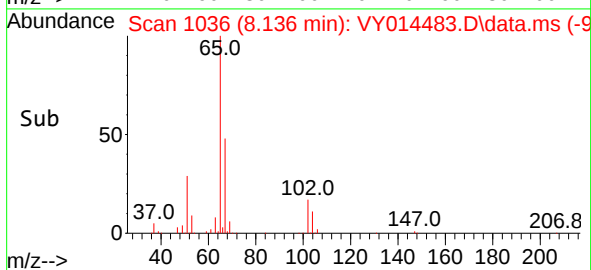
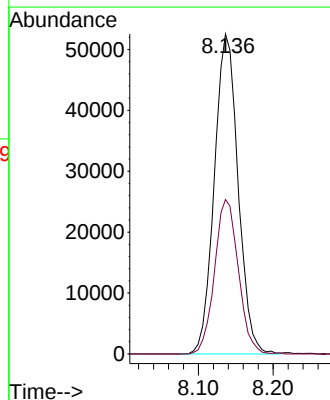
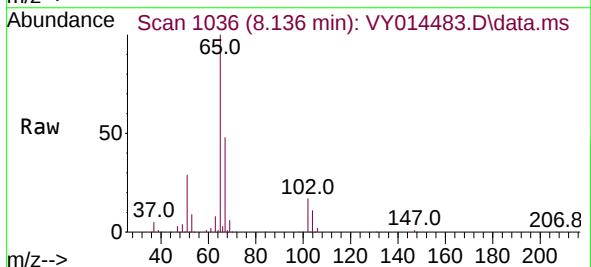
Instrument :
MSVOA_Y
ClientSampleId :
ESII-TP1

Tgt Ion:168 Resp: 161020
Ion Ratio Lower Upper
168 100
99 49.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.132 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

Tgt Ion: 65 Resp: 116217
Ion Ratio Lower Upper
65 100
67 48.3 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: VY014483.D

Acq: 28 Jun 2023 16:09

Instrument :

MSVOA_Y

ClientSampleId :

ESI-TP1

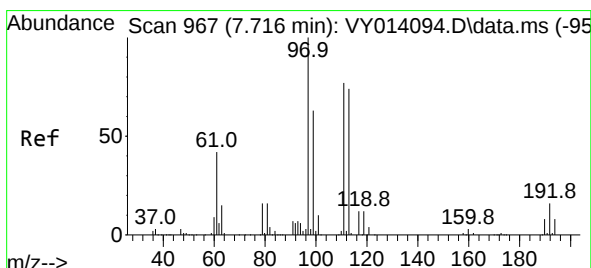
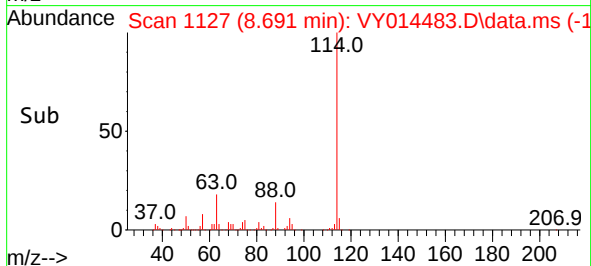
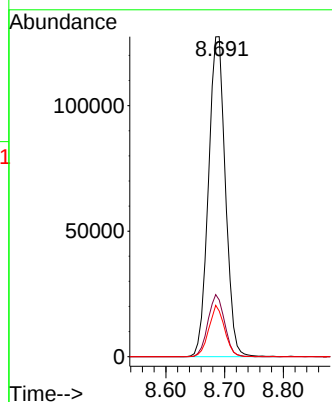
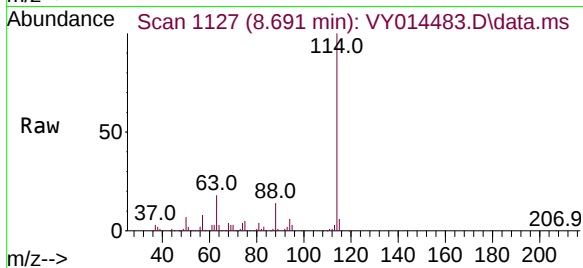
Tgt Ion:114 Resp: 255242

Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.040 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY014483.D

Acq: 28 Jun 2023 16:09

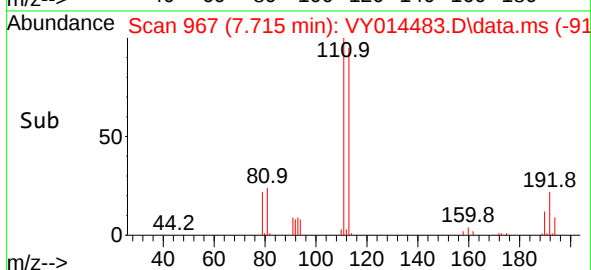
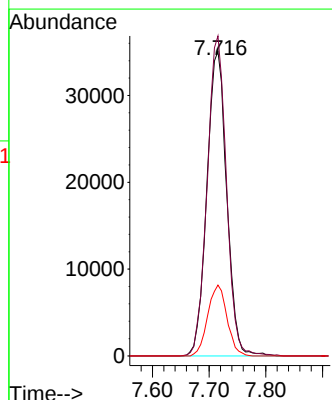
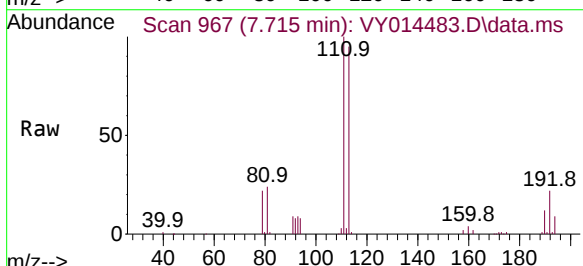
Tgt Ion:113 Resp: 85218

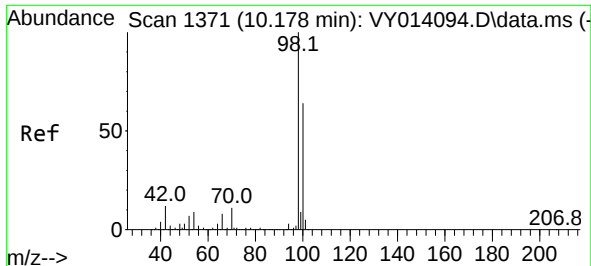
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 22.7 16.9 25.3

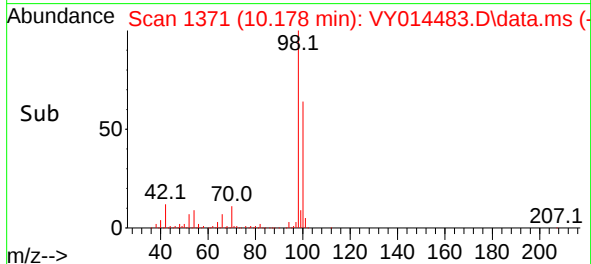
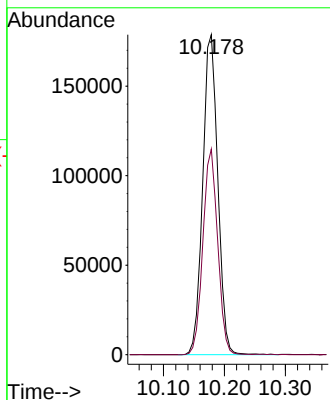
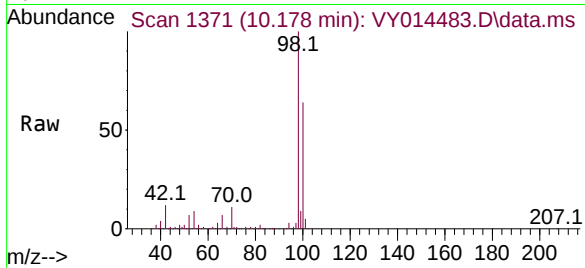




#50
Toluene-d8
Concen: 49.030 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

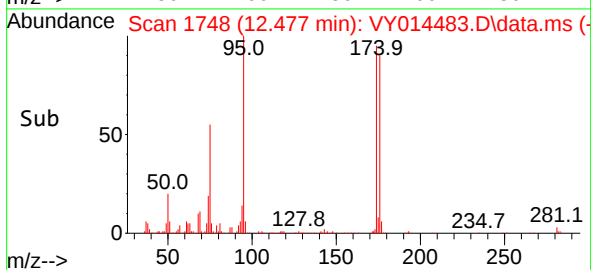
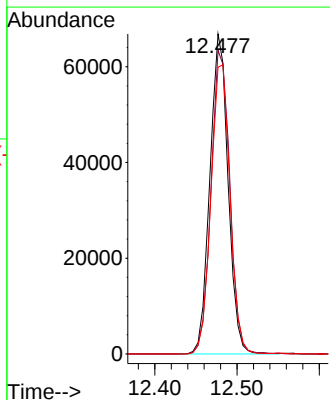
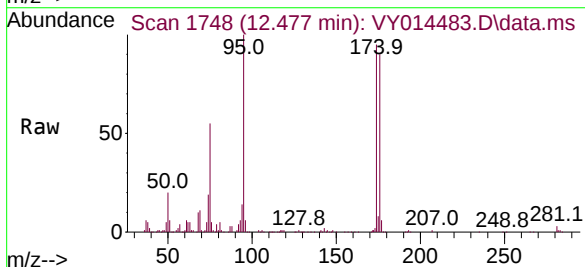
Instrument :
MSVOA_Y
ClientSampleId :
ESII-TP1

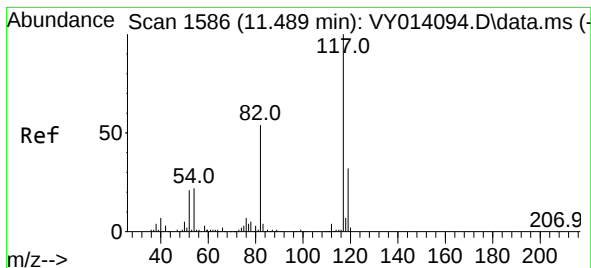
Tgt Ion: 98 Resp: 307347
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.975 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

Tgt Ion: 95 Resp: 102887
Ion Ratio Lower Upper
95 100
174 97.8 0.0 178.2
176 94.6 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: VY014483.D

Acq: 28 Jun 2023 16:09

Instrument :

MSVOA_Y

ClientSampleId :

ESII-TP1

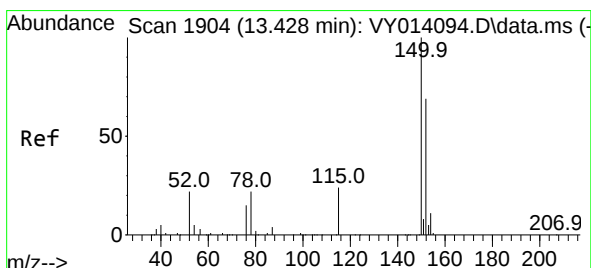
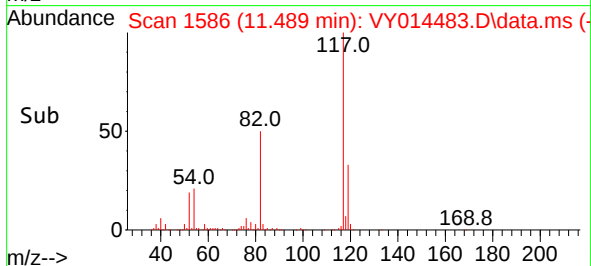
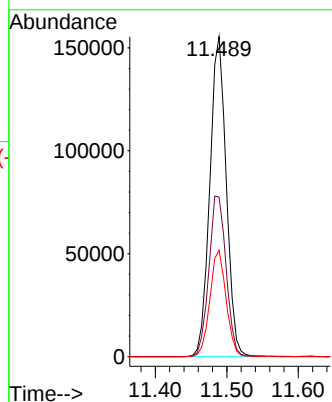
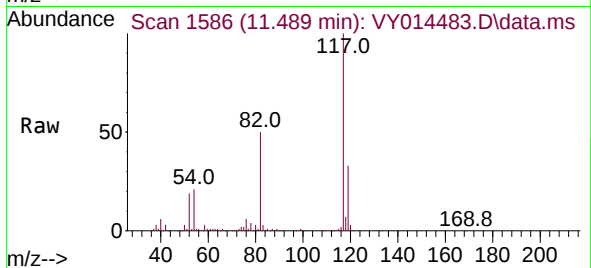
Tgt Ion:117 Resp: 248370

Ion Ratio Lower Upper

117 100

82 49.9 43.4 65.0

119 33.2 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: VY014483.D

Acq: 28 Jun 2023 16:09

Tgt Ion:152 Resp: 122161

Ion Ratio Lower Upper

152 100

115 55.2 28.8 86.5

150 158.9 0.0 348.8

