

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014600.D
 Acq On : 07 Jul 2023 16:30
 Operator : KP/MD
 Sample : 03555-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-330

Quant Time: Jul 08 03:46:40 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	7.777	168	230161	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	336768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	116842	51.031	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.060%
35) Dibromofluoromethane	7.710	113	116190	56.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.060%
50) Toluene-d8	10.173	98	377324	46.026	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.060%
62) 4-Bromofluorobenzene	12.477	95	61408	21.571	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.140%

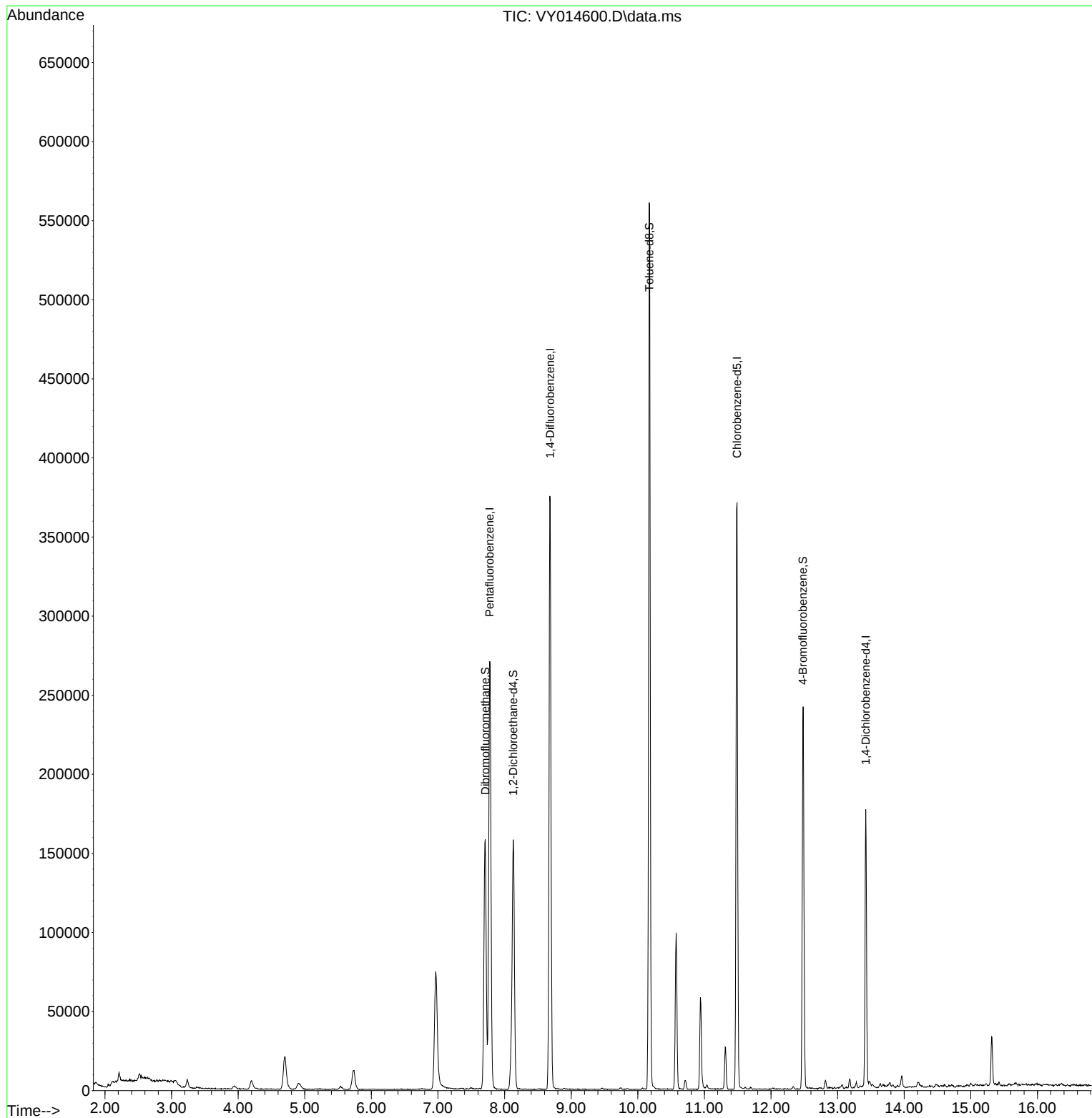
Target Compounds	Qvalue

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

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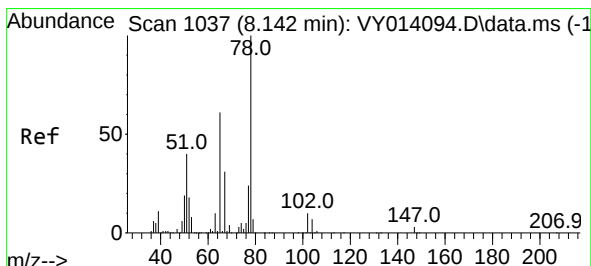
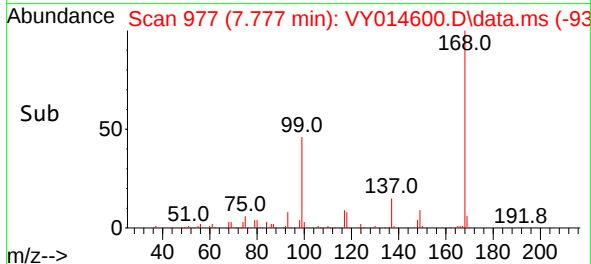
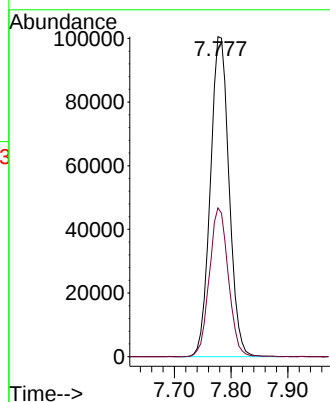
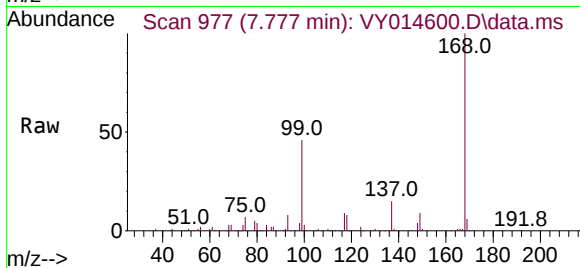




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

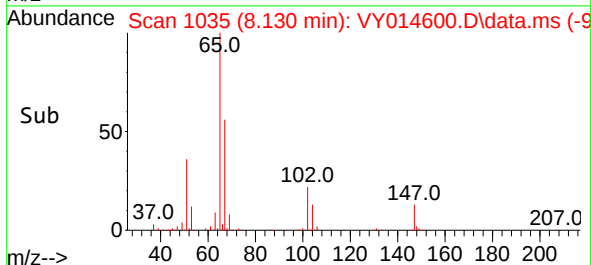
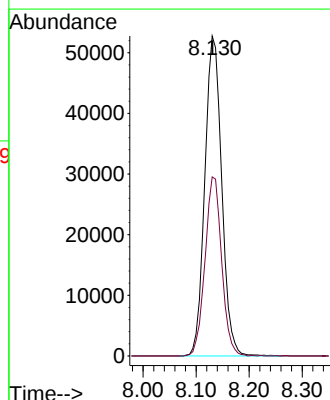
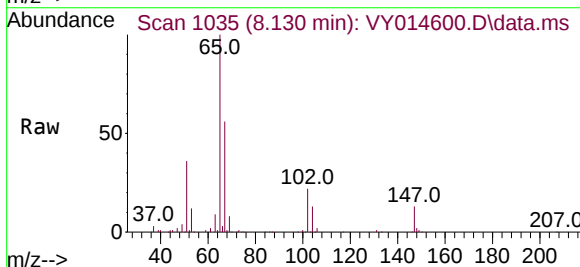
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-330

Tgt Ion:168 Resp: 230161
Ion Ratio Lower Upper
168 100
99 46.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.031 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.012 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

Tgt Ion: 65 Resp: 116842
Ion Ratio Lower Upper
65 100
67 55.1 0.0 101.8

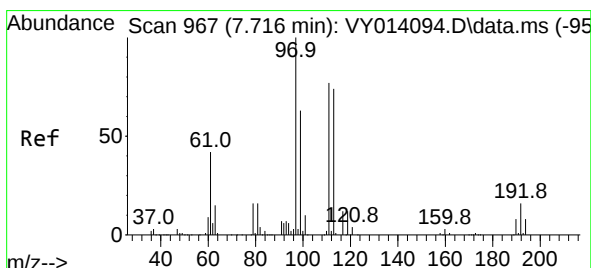
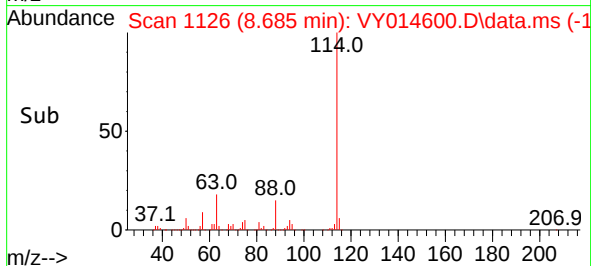
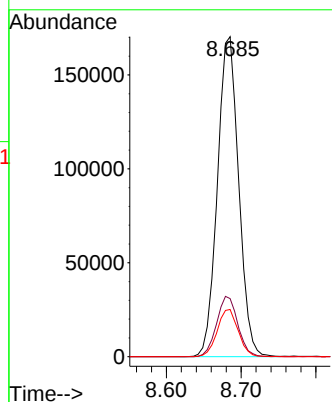
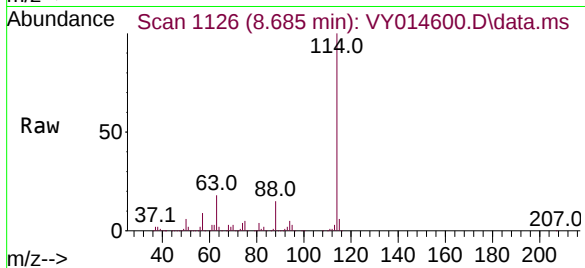




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

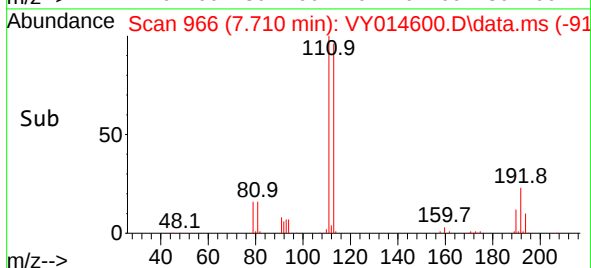
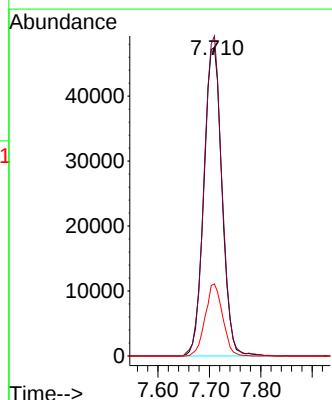
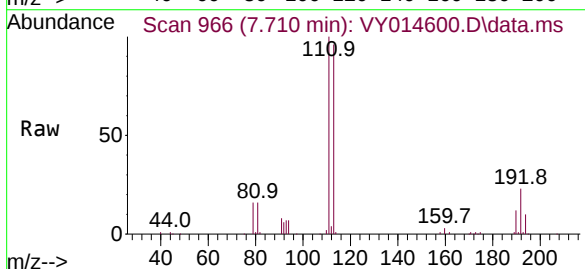
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-330

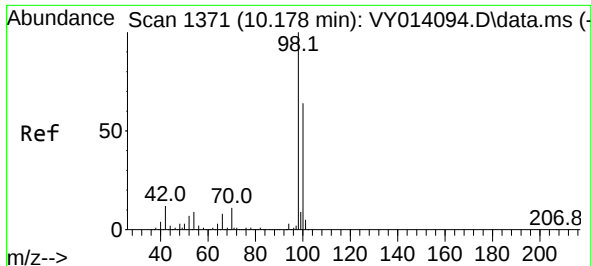
Tgt Ion:114 Resp: 336768
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.026 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

Tgt Ion:113 Resp: 116190
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 22.5 16.9 25.3

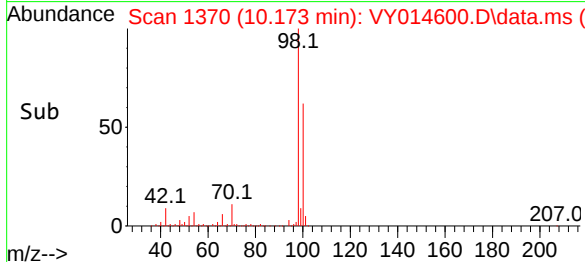
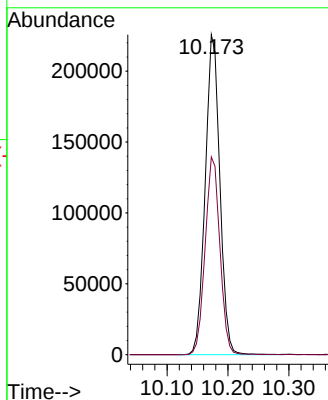
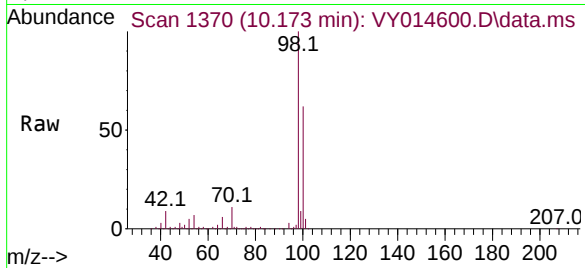




#50
Toluene-d8
Concen: 46.026 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

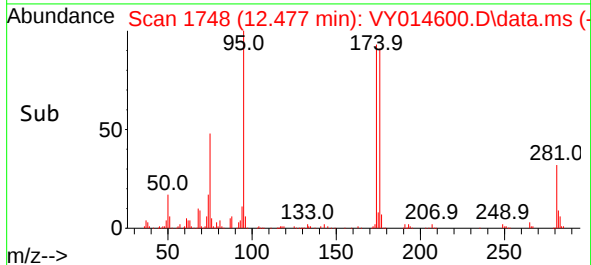
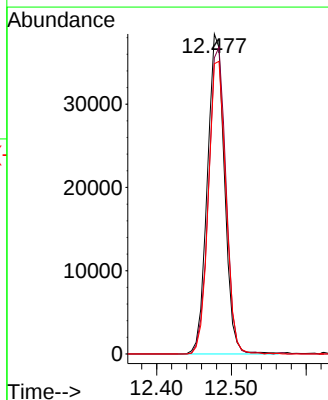
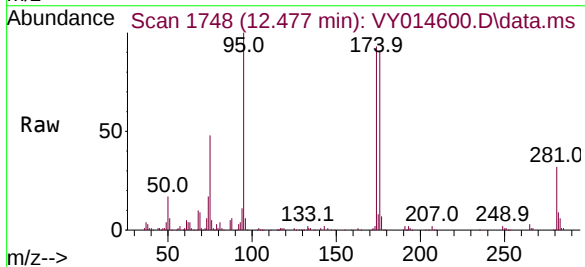
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-330

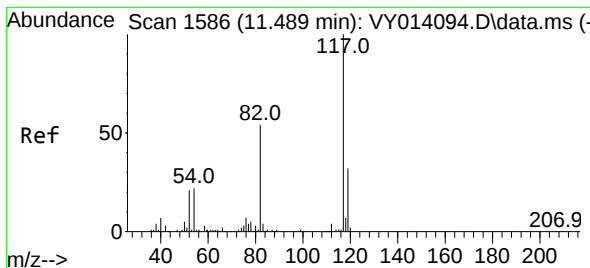
Tgt Ion: 98 Resp: 377324
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 21.571 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

Tgt Ion: 95 Resp: 61408
Ion Ratio Lower Upper
95 100
174 96.8 0.0 178.2
176 92.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014600.D

Acq: 07 Jul 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-330

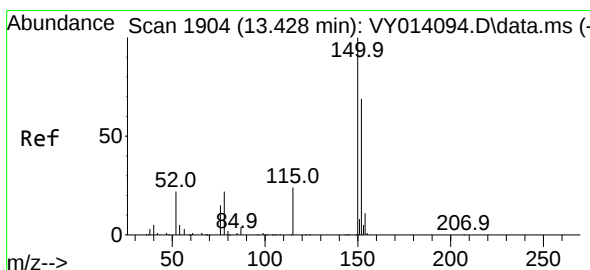
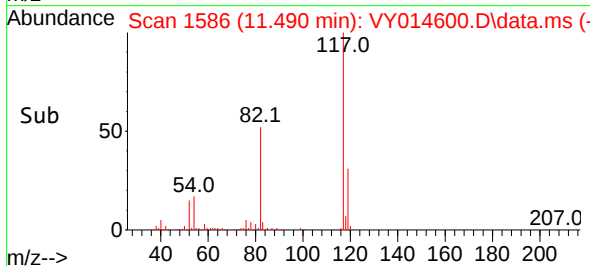
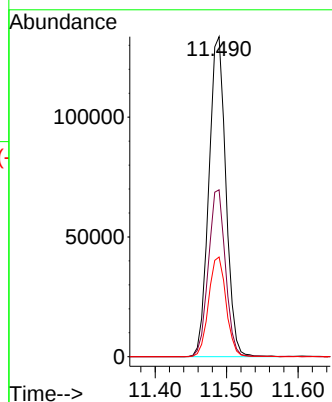
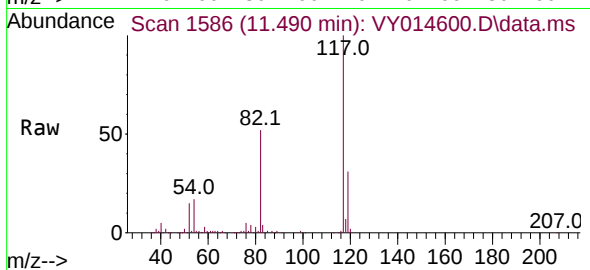
Tgt Ion:117 Resp: 220294

Ion Ratio Lower Upper

117 100

82 52.1 43.4 65.0

119 31.2 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: VY014600.D

Acq: 07 Jul 2023 16:30

Tgt Ion:152 Resp: 48279

Ion Ratio Lower Upper

152 100

115 55.0 28.8 86.5

150 159.4 0.0 348.8

