

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014140.D
 Acq On : 13 Jun 2023 15:29
 Operator : KP/MD
 Sample : 03141-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-003

Quant Time: Jun 14 01:36:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	88269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	137972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59741	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54917	44.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.360%
35) Dibromofluoromethane	7.710	113	46949	47.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.060%
50) Toluene-d8	10.179	98	171831	46.036	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.080%
62) 4-Bromofluorobenzene	12.477	95	52523	39.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.220%

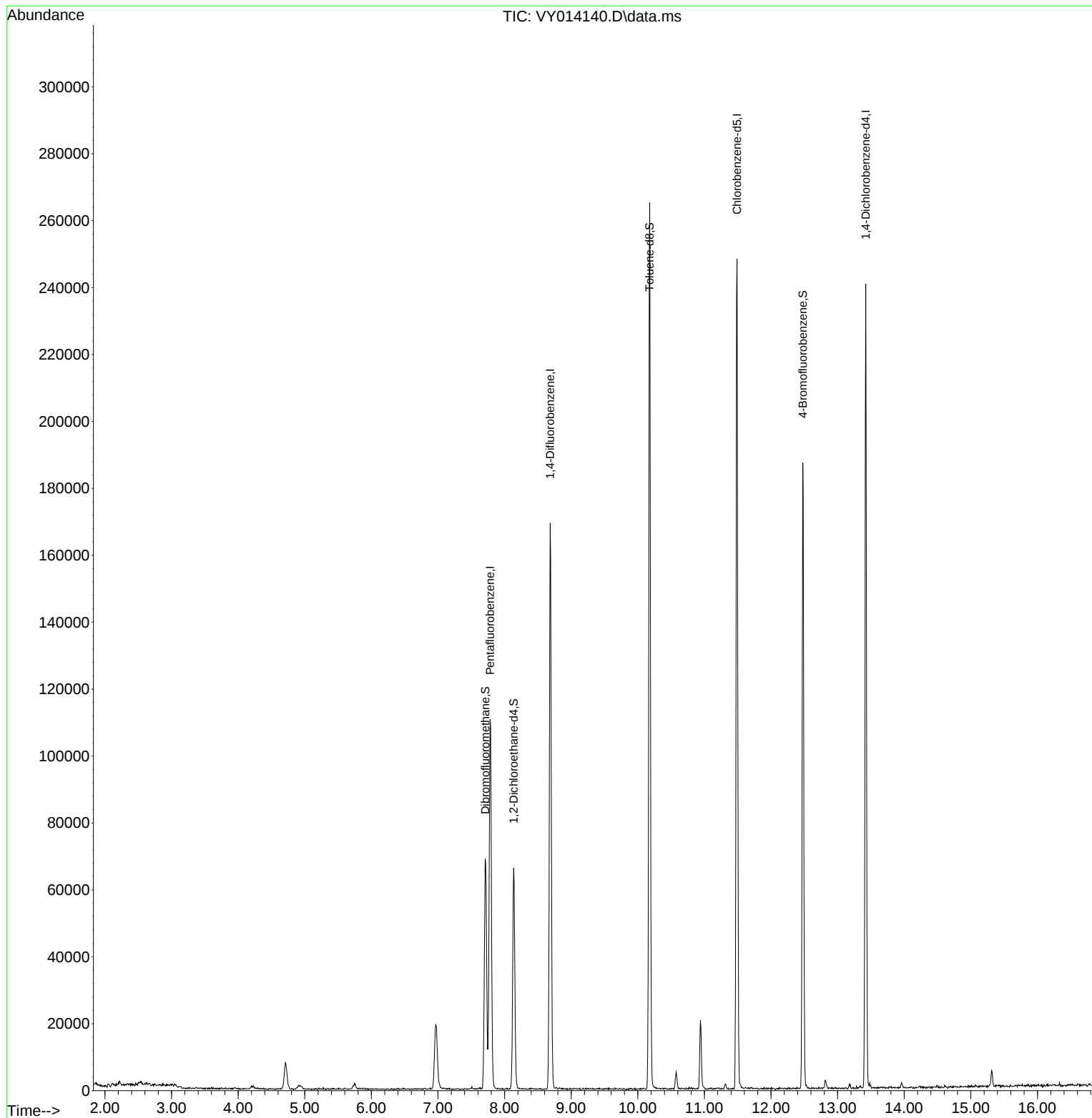
Target Compounds	Qvalue

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

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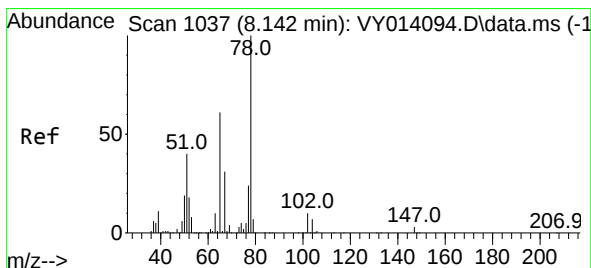
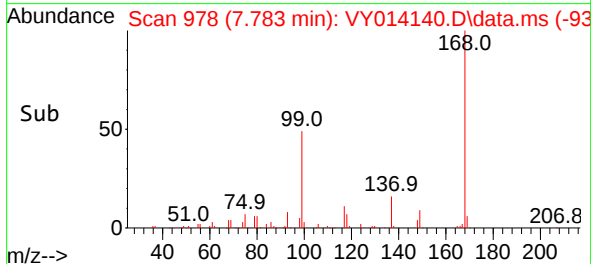
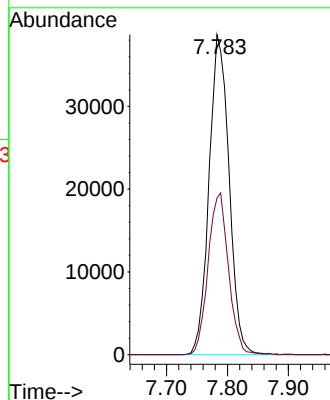
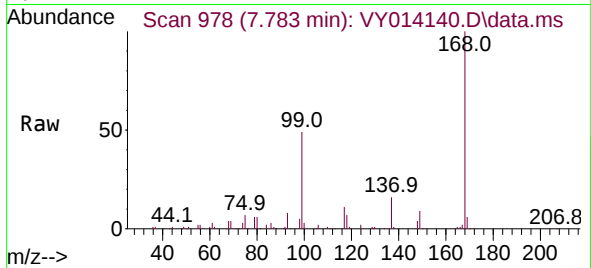




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014140.D
Acq: 13 Jun 2023 15:29

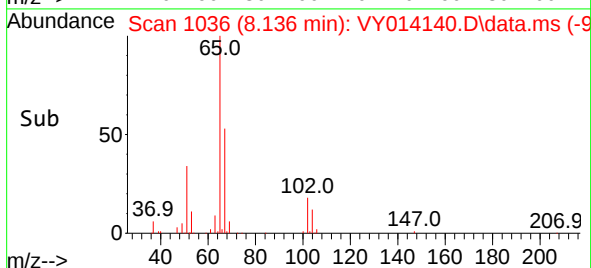
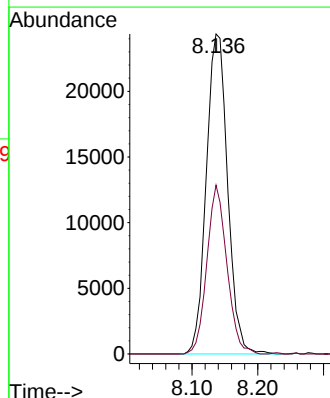
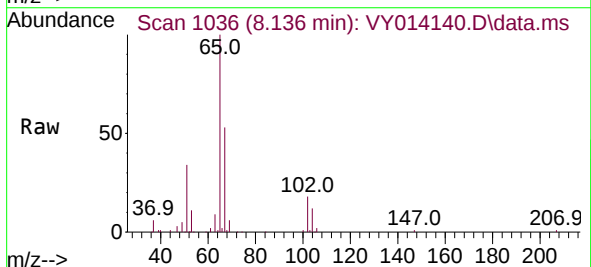
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-003

Tgt Ion:168 Resp: 88269
Ion Ratio Lower Upper
168 100
99 49.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 44.678 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014140.D
Acq: 13 Jun 2023 15:29

Tgt Ion: 65 Resp: 54917
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

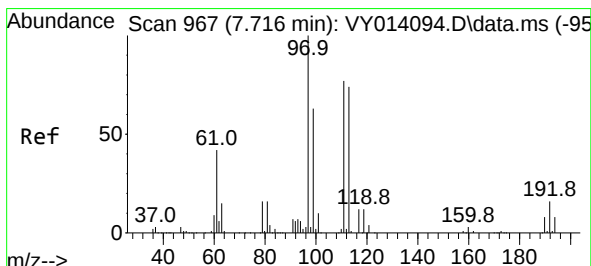
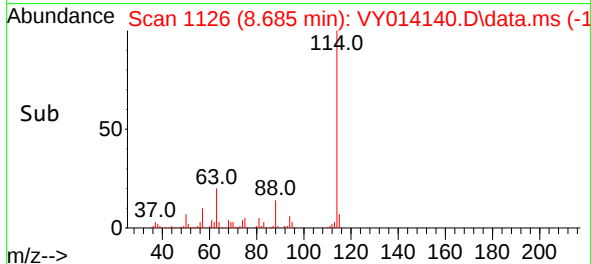
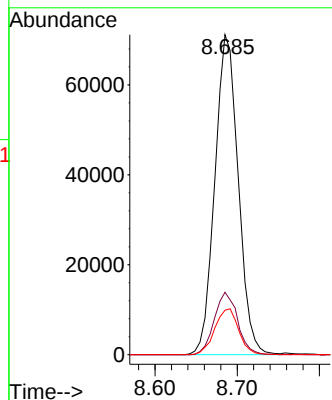
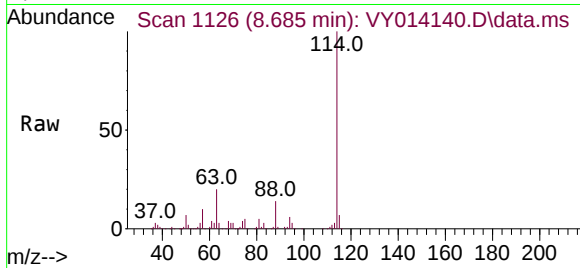




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014140.D
Acq: 13 Jun 2023 15:29

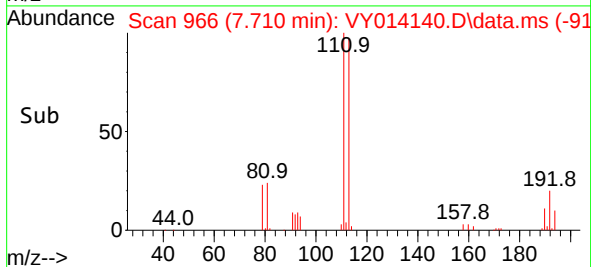
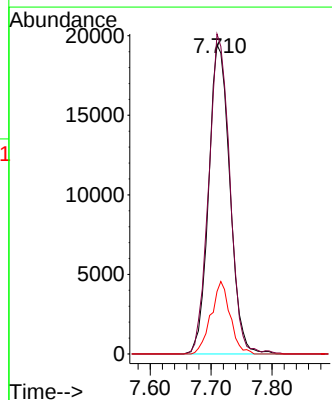
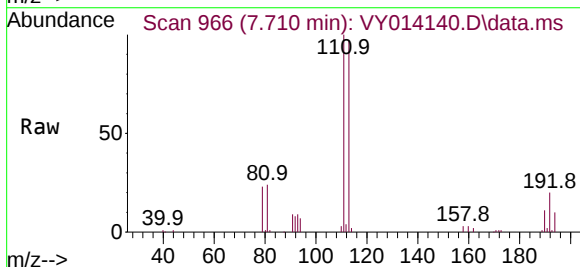
Instrument :
MSVOA_Y
ClientSampleId :
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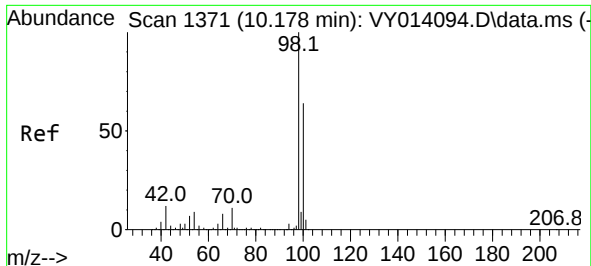
Tgt Ion:114	Resp:	140779
Ion	Ratio	Lower Upper
114	100	
63	19.5	0.0 42.4
88	13.9	0.0 30.6



#35
Dibromofluoromethane
Concen: 47.025 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014140.D
Acq: 13 Jun 2023 15:29

Tgt Ion:113	Resp:	46949
Ion	Ratio	Lower Upper
113	100	
111	102.2	81.3 121.9
192	21.2	16.9 25.3

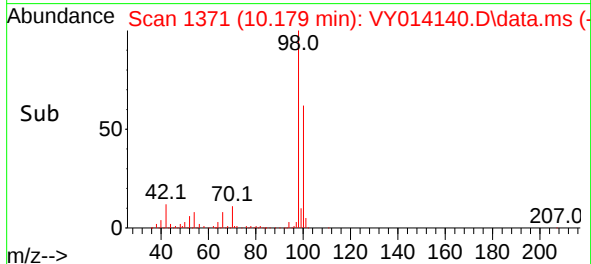
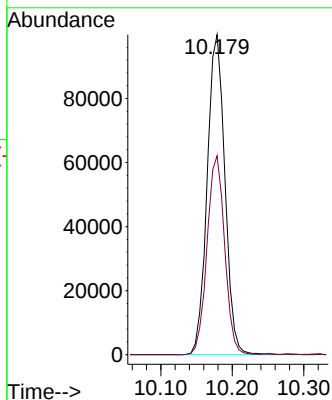
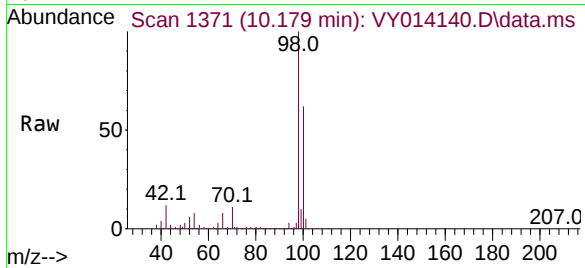




#50
Toluene-d8
Concen: 46.036 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014140.D
Acq: 13 Jun 2023 15:29

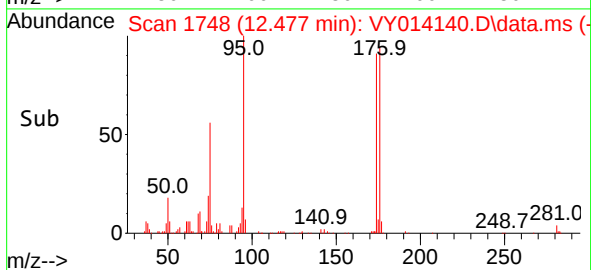
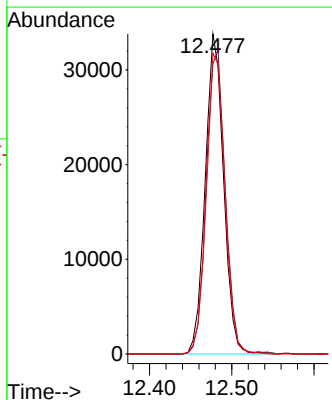
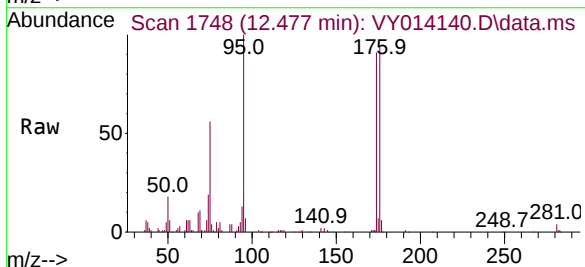
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-003

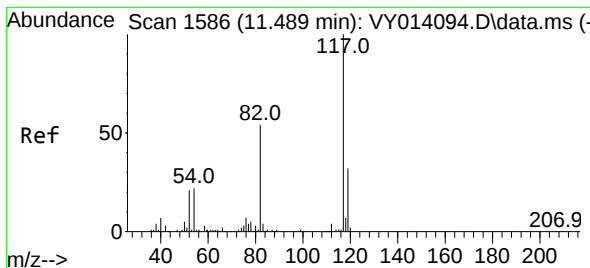
Tgt Ion: 98 Resp: 171831
Ion Ratio Lower Upper
98 100
100 61.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 39.613 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014140.D
Acq: 13 Jun 2023 15:29

Tgt Ion: 95 Resp: 52523
Ion Ratio Lower Upper
95 100
174 97.7 0.0 178.2
176 95.5 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: VY014140.D

Acq: 13 Jun 2023 15:29

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-Topsoil-003

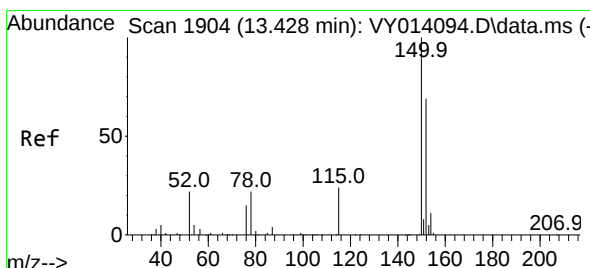
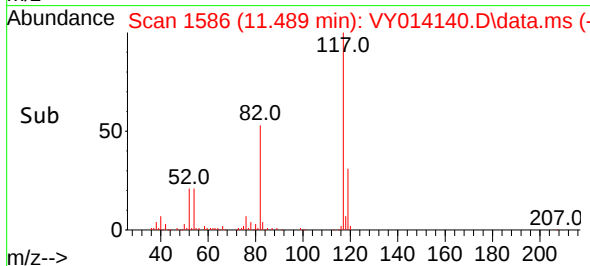
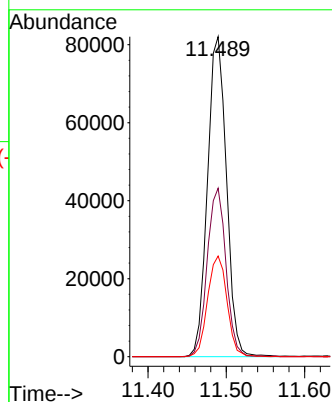
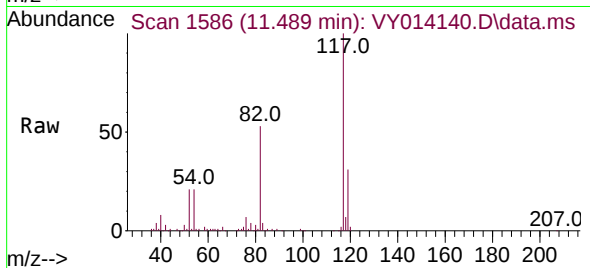
Tgt Ion:117 Resp: 137972

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 31.5 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: VY014140.D

Acq: 13 Jun 2023 15:29

Tgt Ion:152 Resp: 59741

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 159.1 0.0 348.8

