

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014138.D
 Acq On : 13 Jun 2023 14:42
 Operator : KP/MD
 Sample : 03141-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-001

Quant Time: Jun 14 01:35:20 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	7.789	168	147884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99761	48.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.880%
35) Dibromofluoromethane	7.715	113	87290	47.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.960%
50) Toluene-d8	10.178	98	316927	46.108	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.477	95	109465	44.831	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.660%

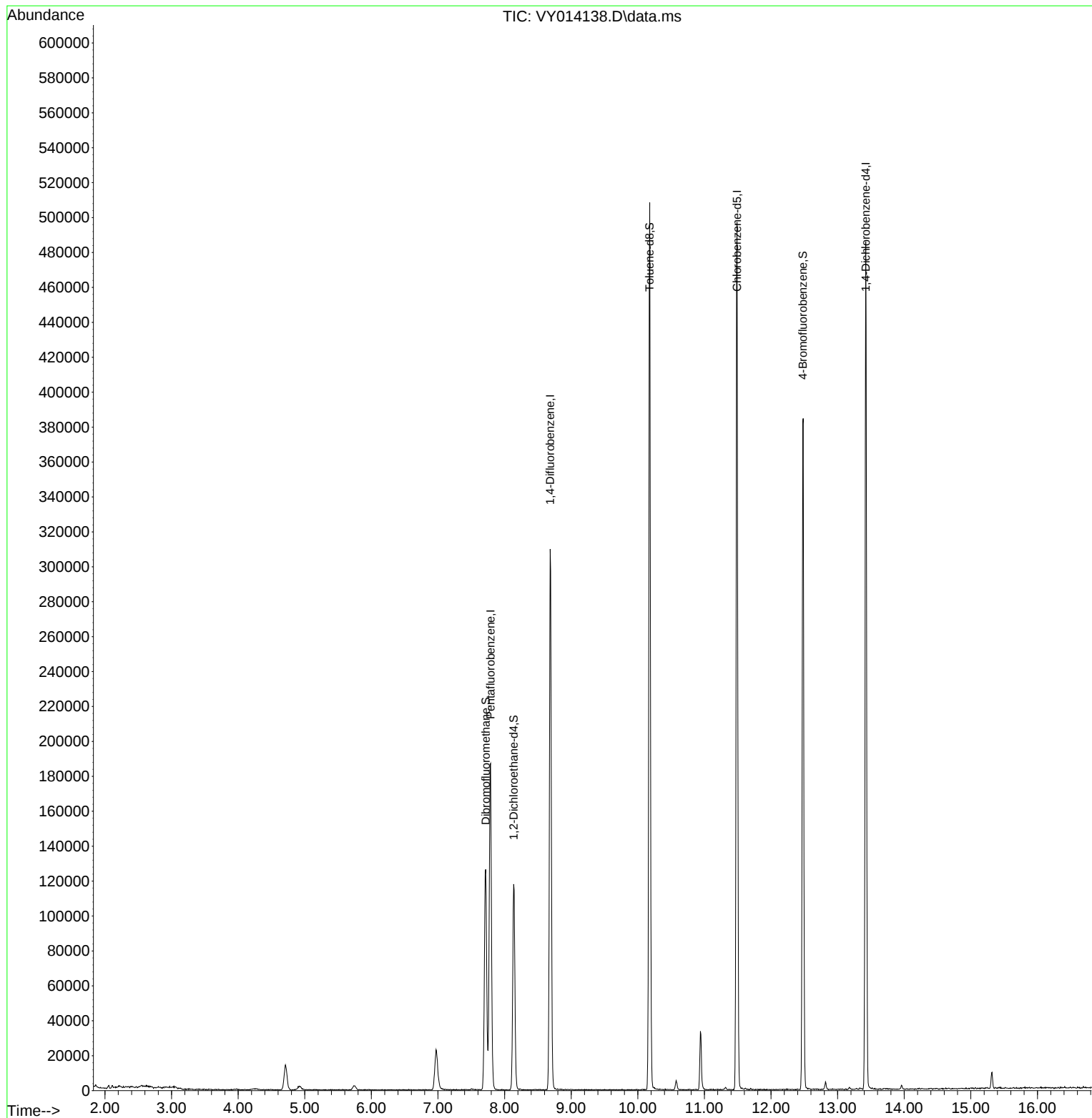
Target Compounds	Qvalue

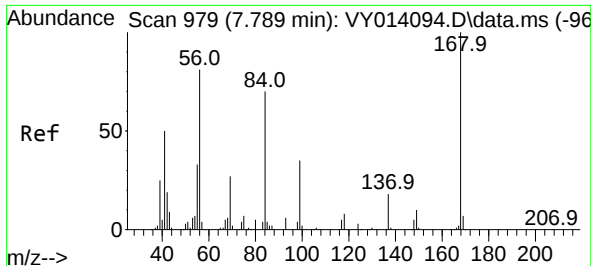
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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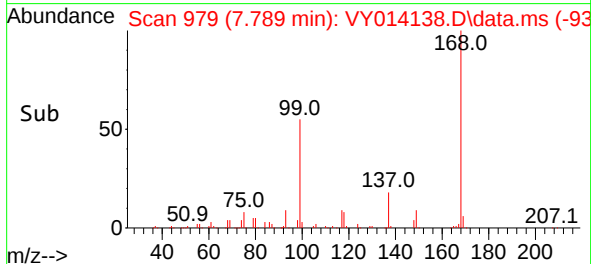
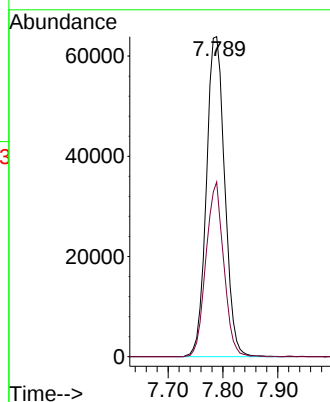
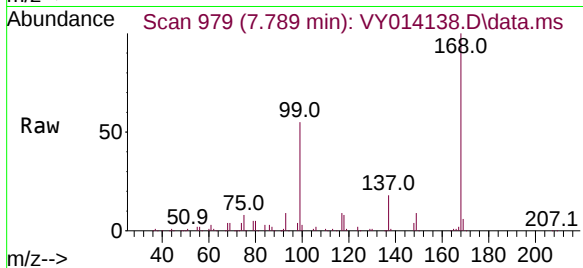




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

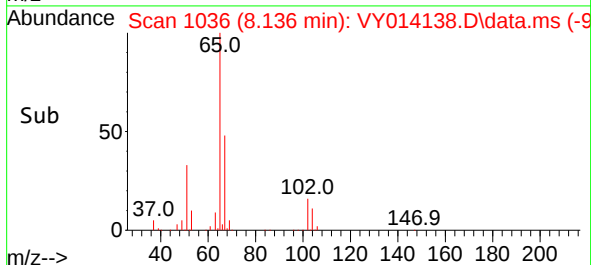
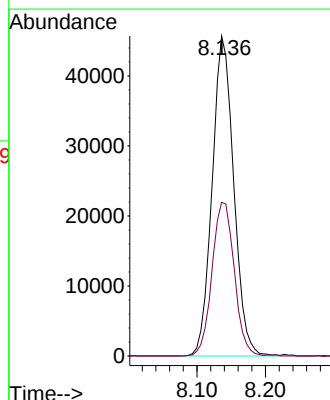
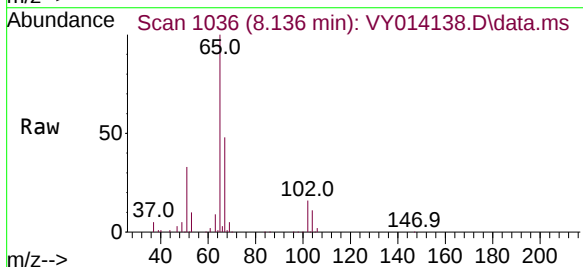
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-001

Tgt Ion:168 Resp: 147884
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.444 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

Tgt Ion: 65 Resp: 99761
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# 1126

Delta R.T. -0.006 min

Lab File: VY014138.D

Acq: 13 Jun 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-Topsoil-001

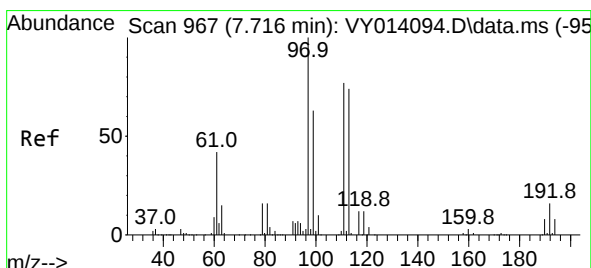
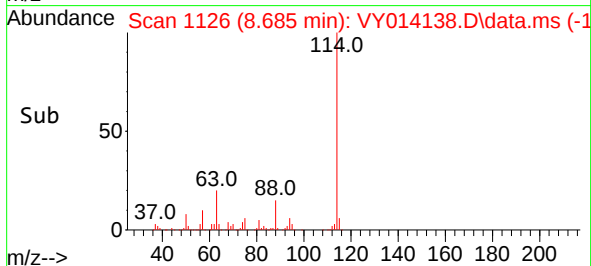
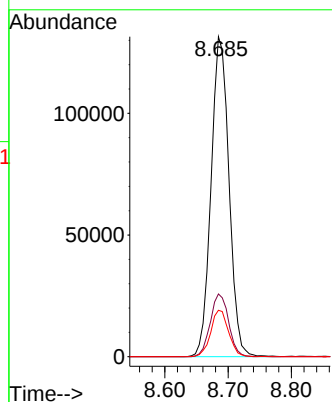
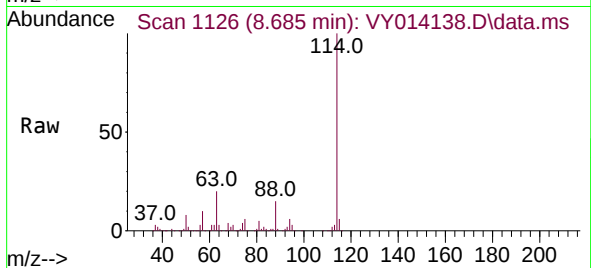
Tgt Ion:114 Resp: 259251

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.478 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY014138.D

Acq: 13 Jun 2023 14:42

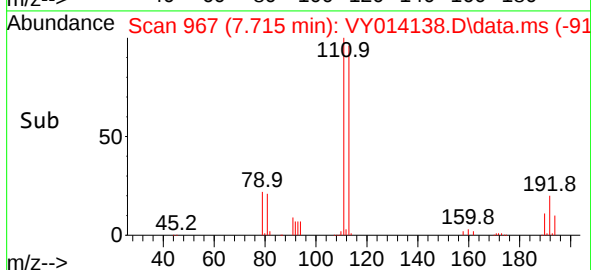
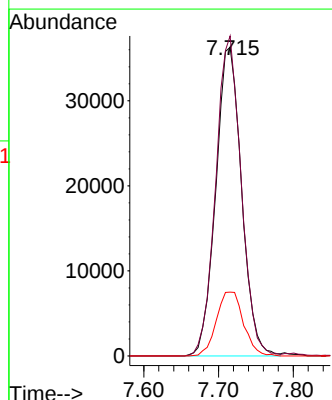
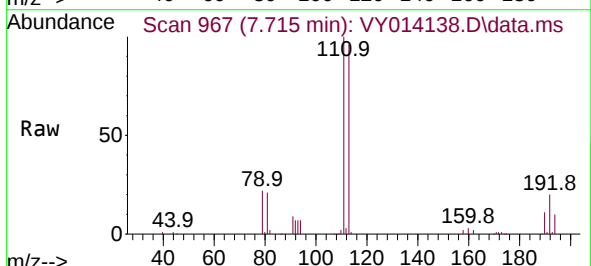
Tgt Ion:113 Resp: 87290

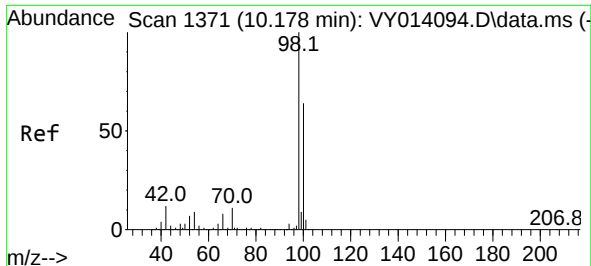
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 21.6 16.9 25.3

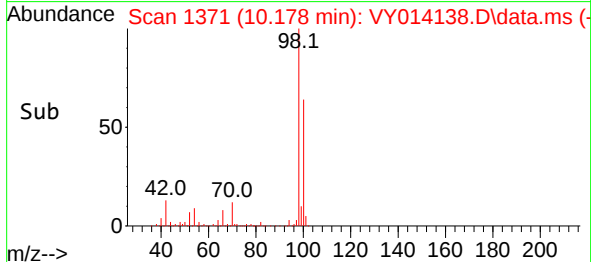
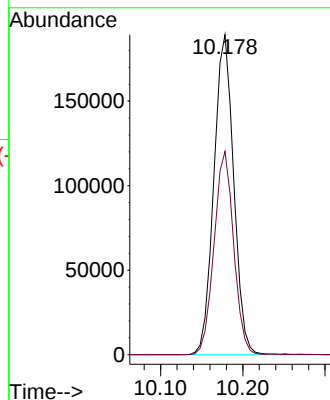
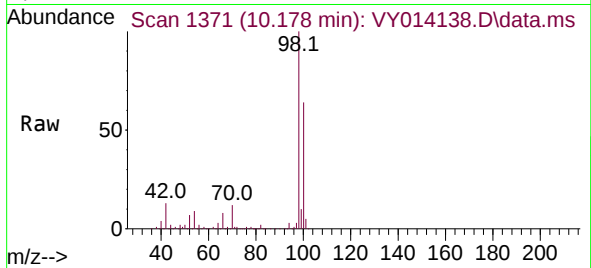




#50
Toluene-d8
Concen: 46.108 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

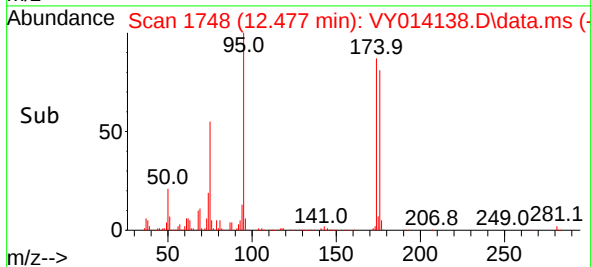
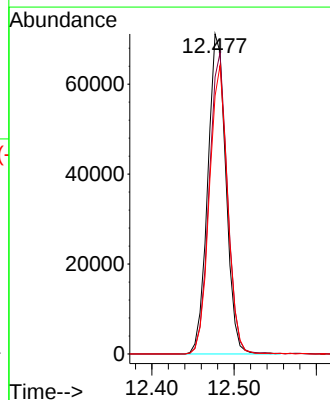
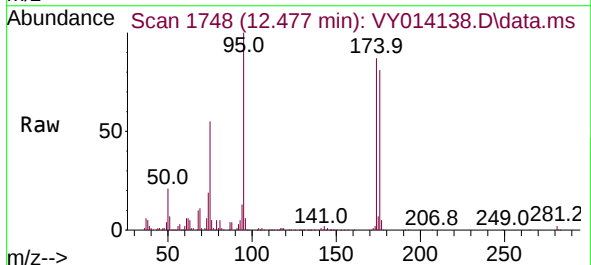
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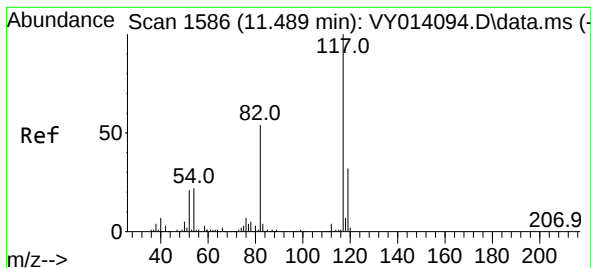
Tgt Ion: 98 Resp: 316927
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.831 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

Tgt Ion: 95 Resp: 109465
Ion Ratio Lower Upper
95 100
174 94.9 0.0 178.2
176 90.7 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: VY014138.D

Acq: 13 Jun 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-Topsoil-001

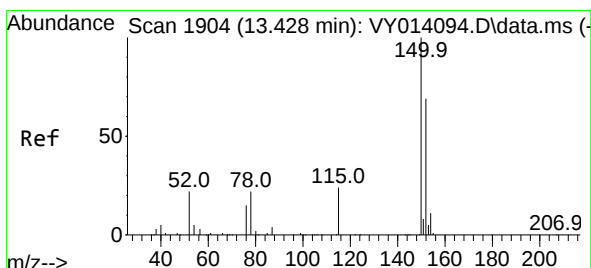
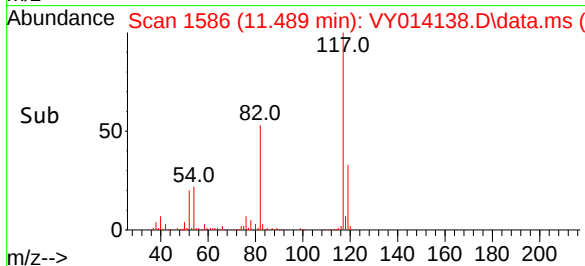
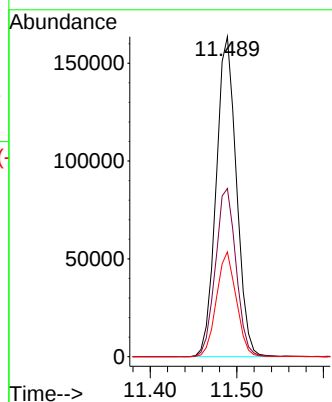
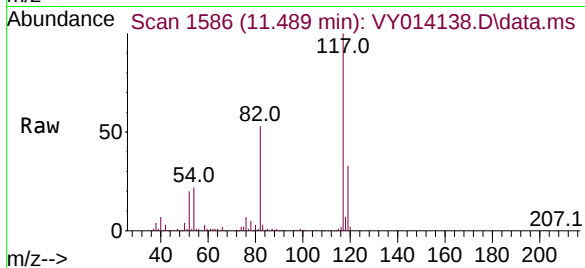
Tgt Ion:117 Resp: 266349

Ion Ratio Lower Upper

117 100

82 52.6 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: VY014138.D

Acq: 13 Jun 2023 14:42

Tgt Ion:152 Resp: 123344

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.5

150 158.8 0.0 348.8

