

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014503.D
 Acq On : 29 Jun 2023 18:01
 Operator : KP/MD
 Sample : 03473-09
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-014

Quant Time: Jun 30 04:11:42 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	7.783	168	189885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	243219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138067	58.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.120%
35) Dibromofluoromethane	7.710	113	81170	50.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.179	98	303167	47.271	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.477	95	93479	40.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.660%

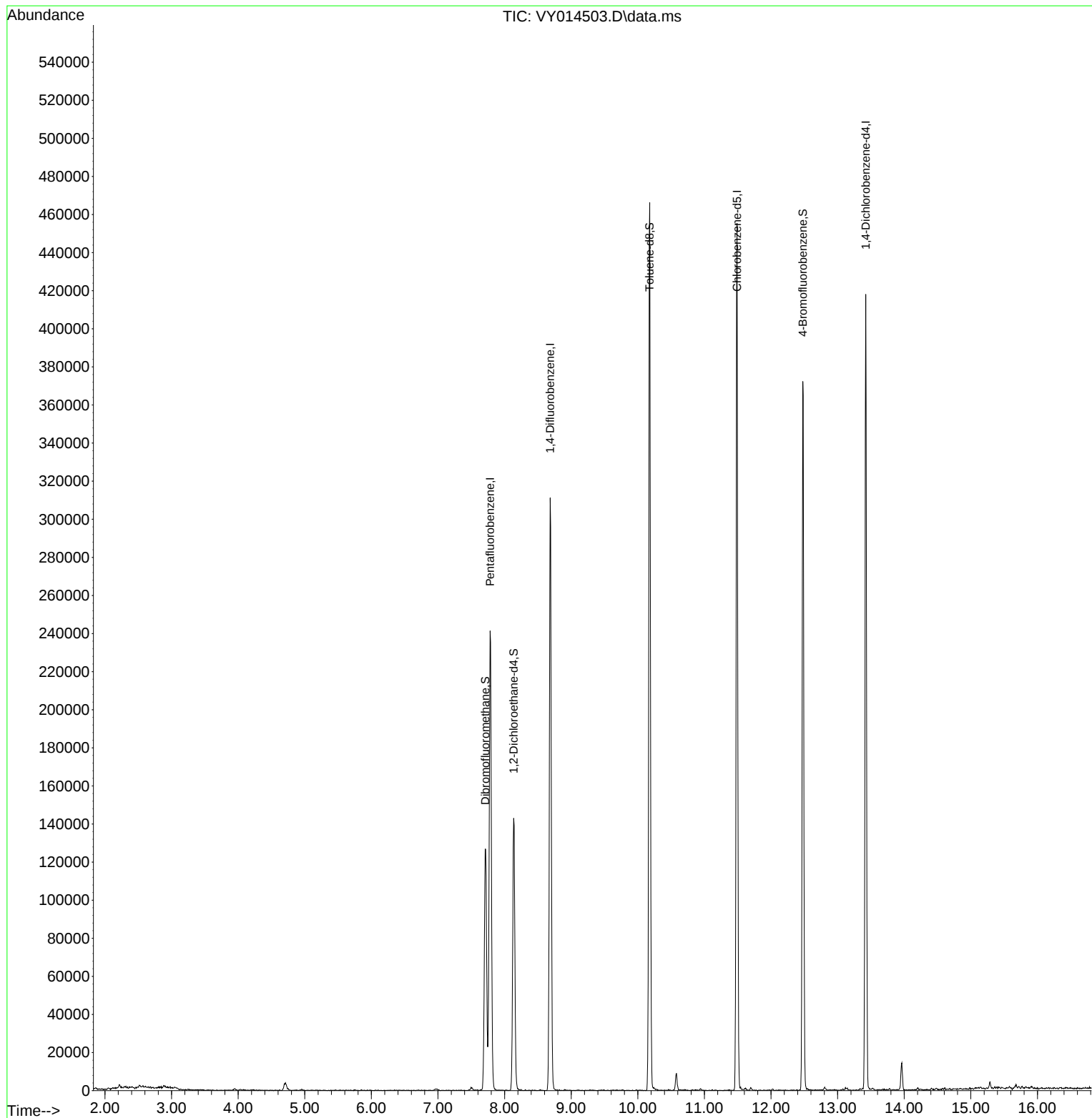
Target Compounds	Qvalue

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

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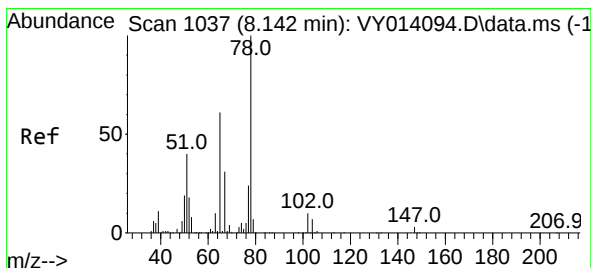
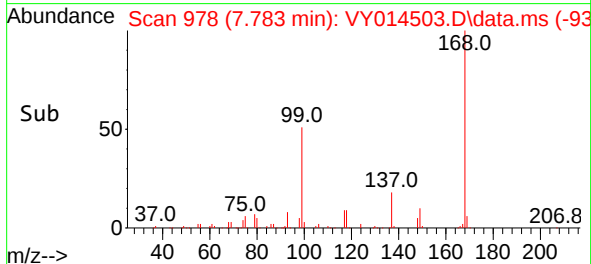
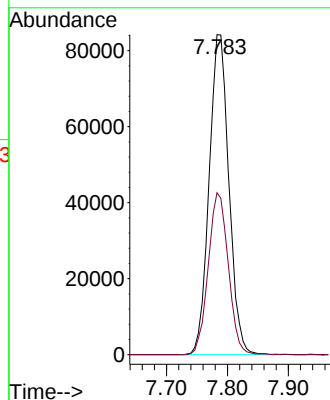
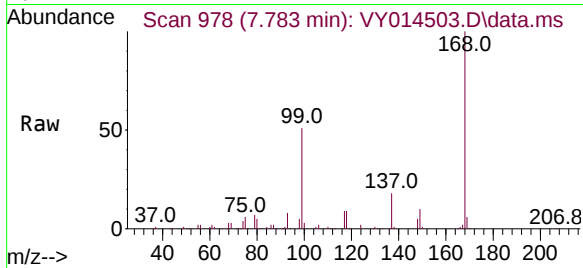




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014503.D
Acq: 29 Jun 2023 18:01

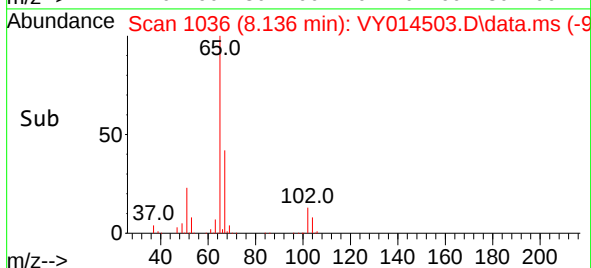
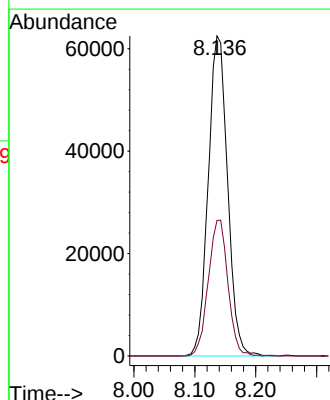
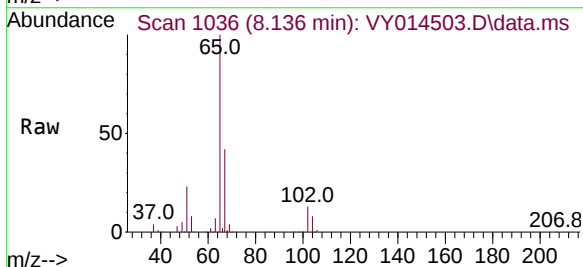
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-014

Tgt Ion:168 Resp: 189885
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.563 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014503.D
Acq: 29 Jun 2023 18:01

Tgt Ion: 65 Resp: 138067
Ion Ratio Lower Upper
65 100
67 43.0 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: VY014503.D

Acq: 29 Jun 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-014

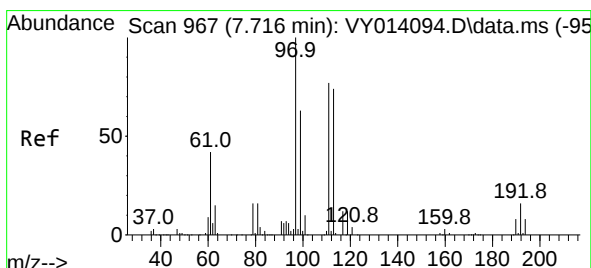
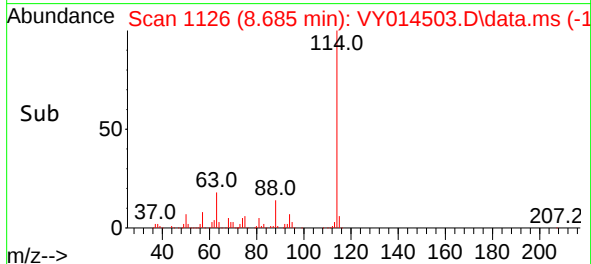
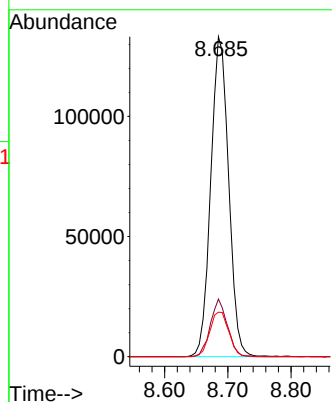
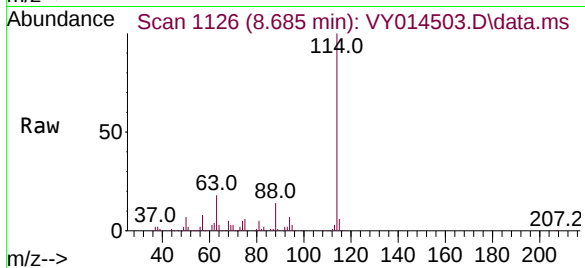
Tgt Ion:114 Resp: 261138

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.311 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014503.D

Acq: 29 Jun 2023 18:01

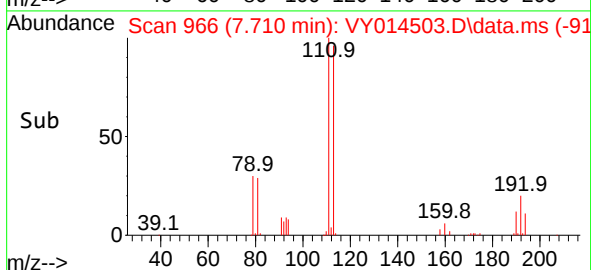
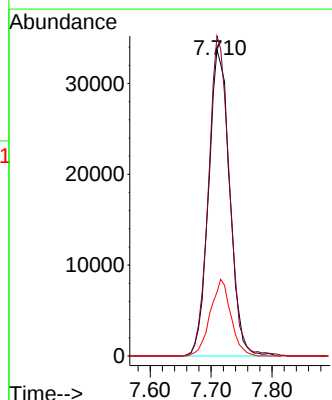
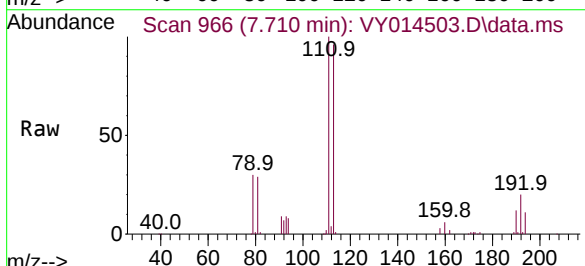
Tgt Ion:113 Resp: 81170

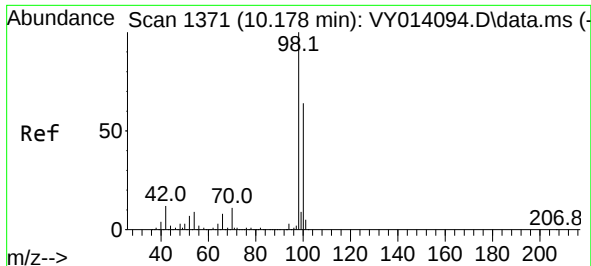
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 24.4 16.9 25.3

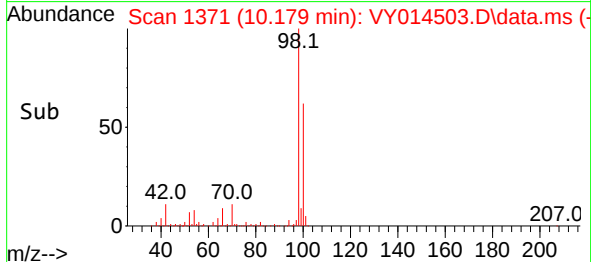
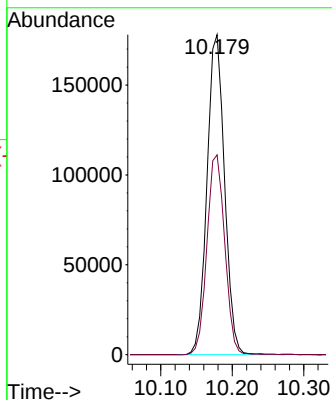
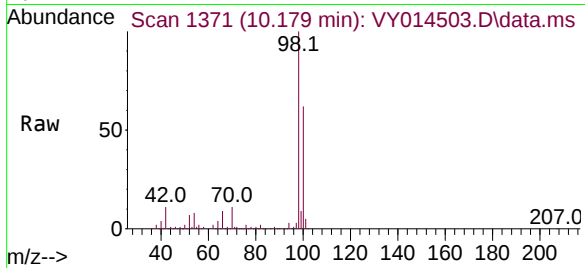




#50
Toluene-d8
Concen: 47.271 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014503.D
Acq: 29 Jun 2023 18:01

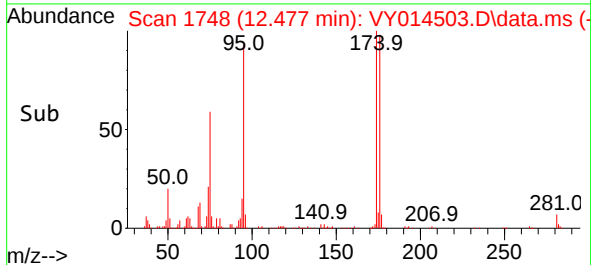
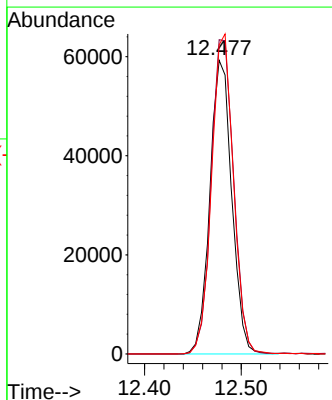
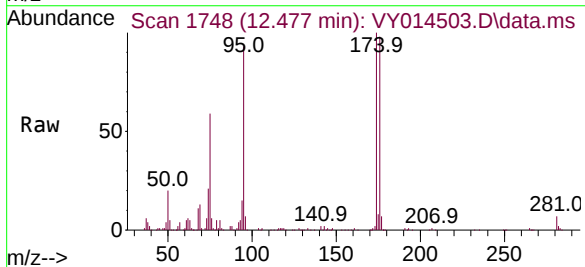
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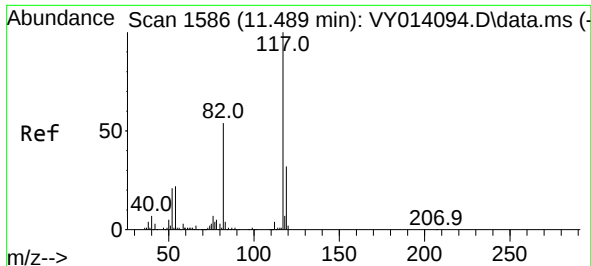
Tgt Ion: 98 Resp: 303167
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.828 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014503.D
Acq: 29 Jun 2023 18:01

Tgt Ion: 95 Resp: 93479
Ion Ratio Lower Upper
95 100
174 109.6 0.0 178.2
176 108.5 0.0 173.8

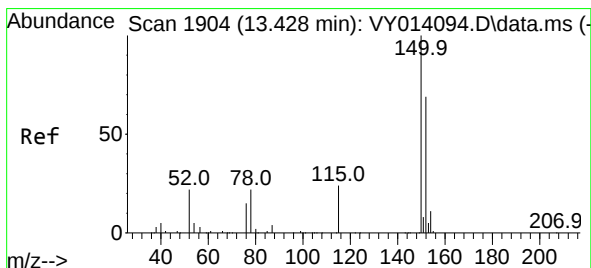
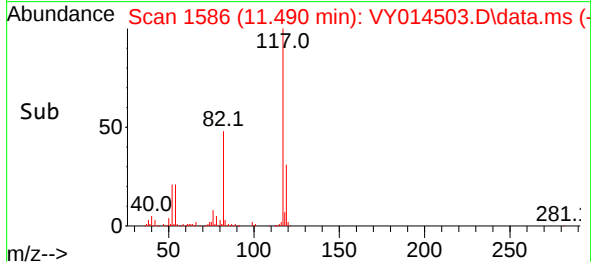
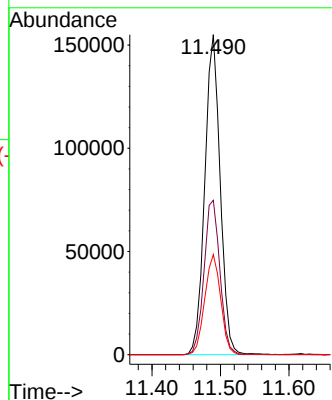
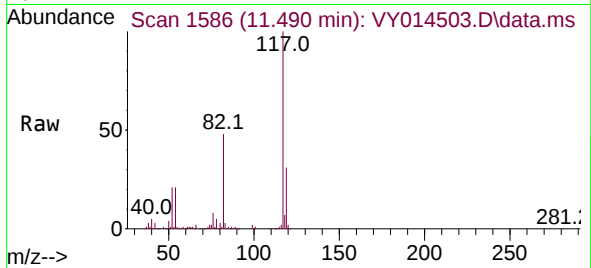




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014503.D
Acq: 29 Jun 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-014

Tgt Ion:117 Resp: 243219
Ion Ratio Lower Upper
117 100
82 48.3 43.4 65.0
119 31.3 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: VY014503.D
Acq: 29 Jun 2023 18:01

Tgt Ion:152 Resp: 112224
Ion Ratio Lower Upper
152 100
115 52.3 28.8 86.5
150 157.4 0.0 348.8

