

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014501.D
 Acq On : 29 Jun 2023 17:13
 Operator : KP/MD
 Sample : 03473-07
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-012

Quant Time: Jun 30 04:11:06 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	7.783	168	193484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	241143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114725	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138857	57.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.600%
35) Dibromofluoromethane	7.709	113	83604	50.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.172	98	305440	46.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.460%
62) 4-Bromofluorobenzene	12.477	95	93414	39.605	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.220%

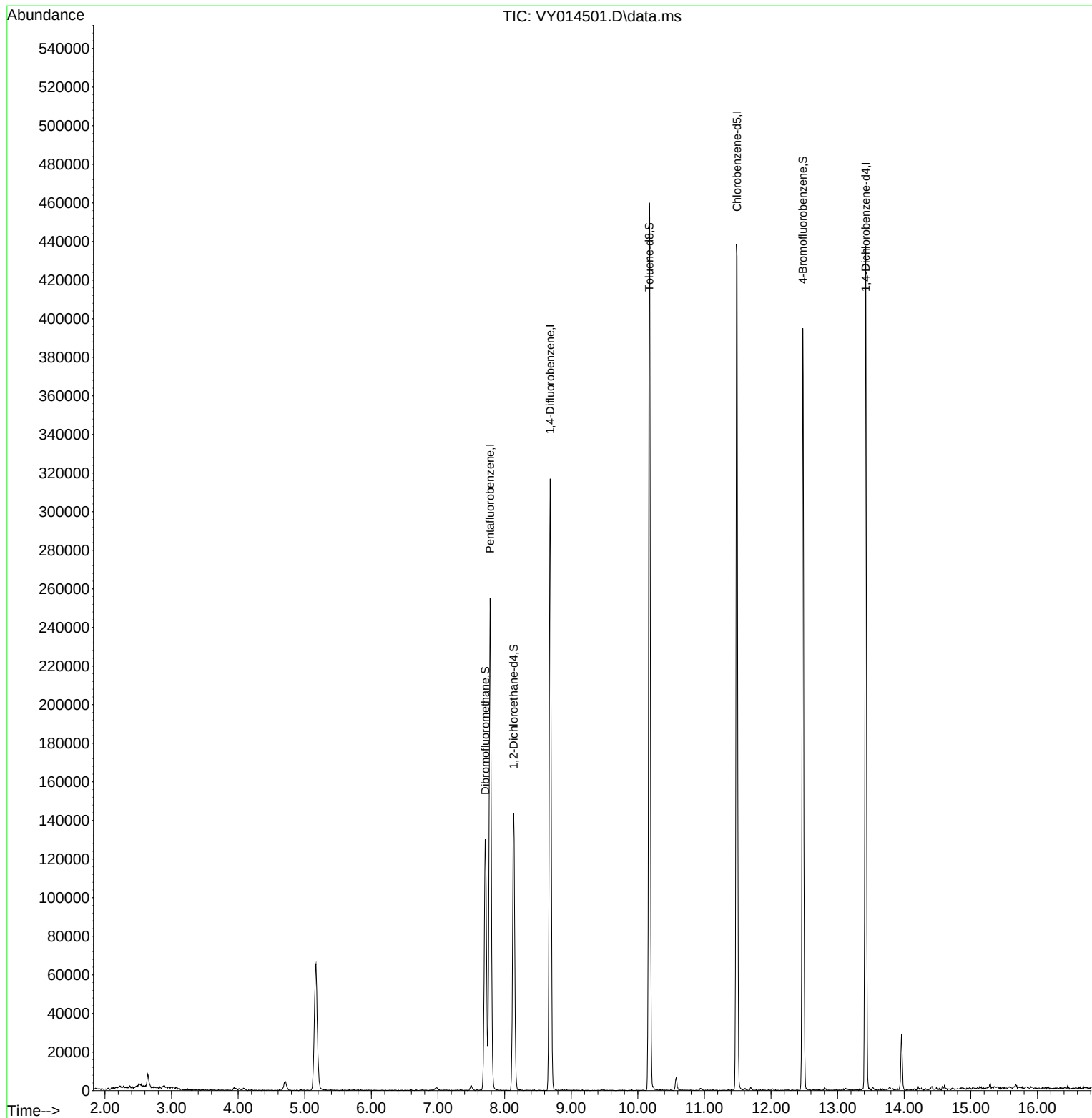
Target Compounds	Qvalue

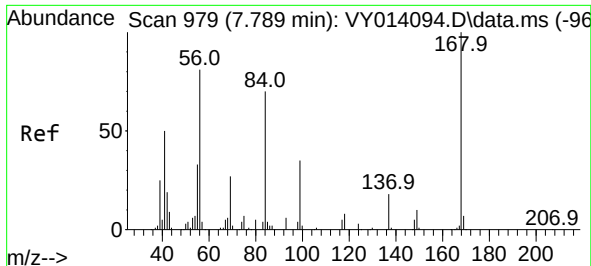
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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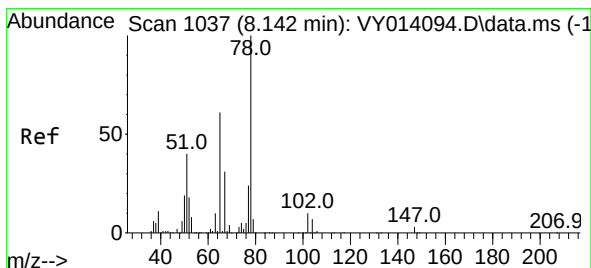
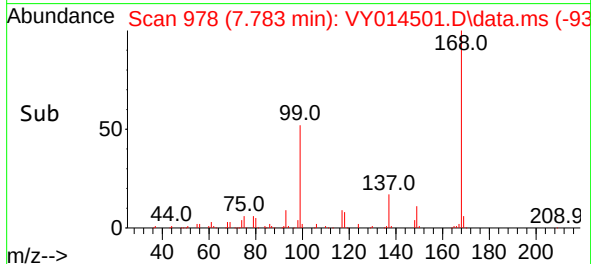
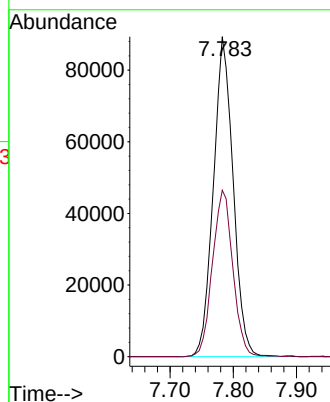
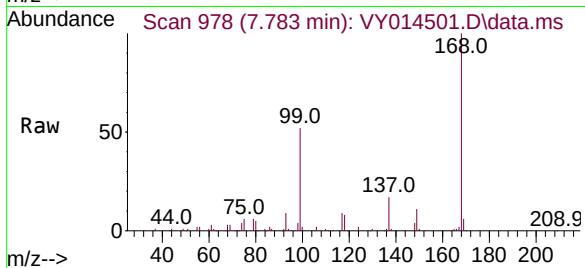




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014501.D
Acq: 29 Jun 2023 17:13

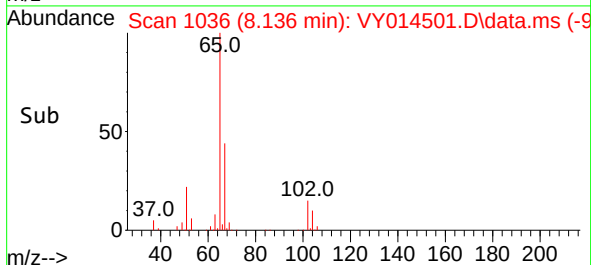
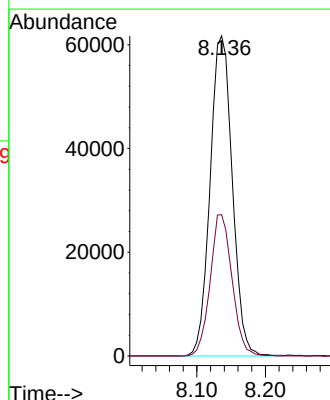
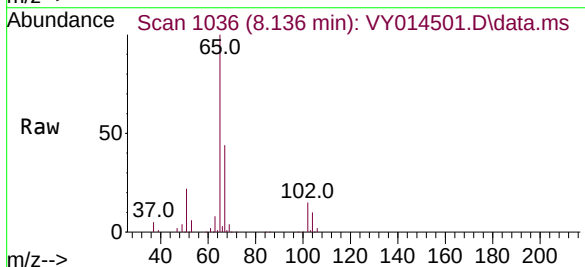
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-012

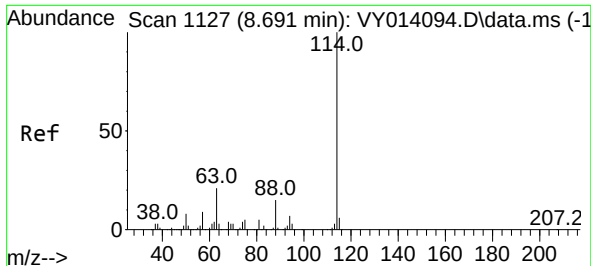
Tgt Ion:168 Resp: 193484
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.802 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014501.D
Acq: 29 Jun 2023 17:13

Tgt Ion: 65 Resp: 138857
Ion Ratio Lower Upper
65 100
67 43.6 0.0 101.8

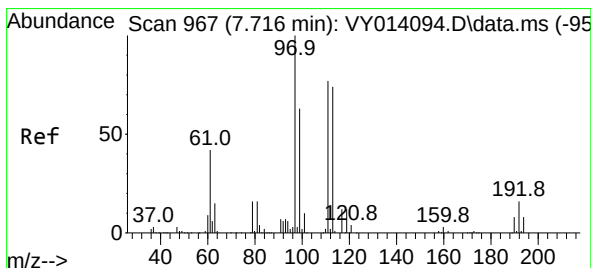
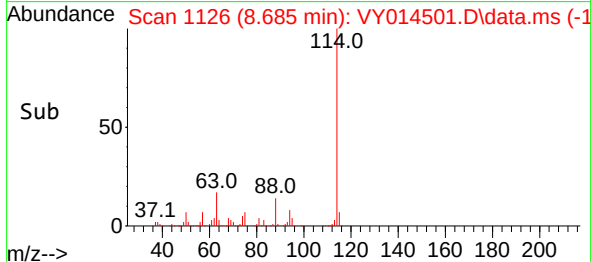
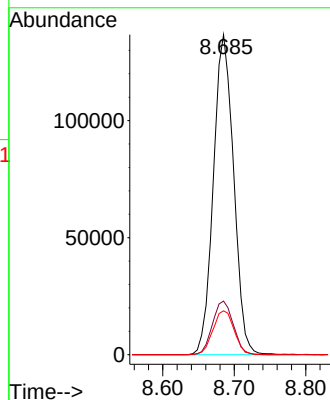
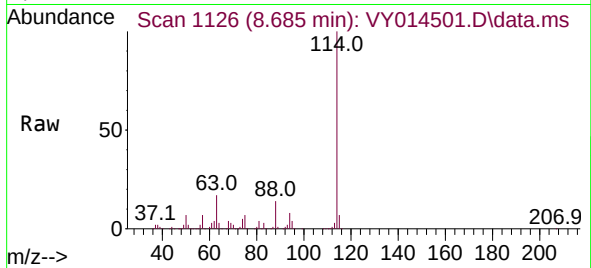




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014501.D
Acq: 29 Jun 2023 17:13

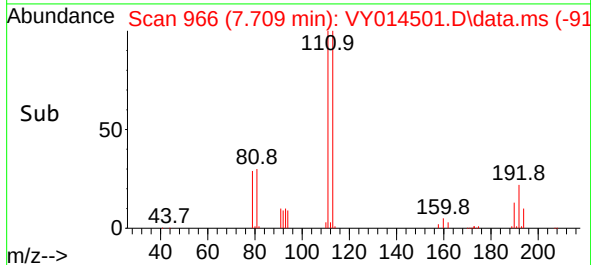
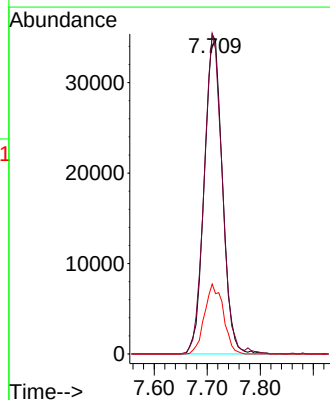
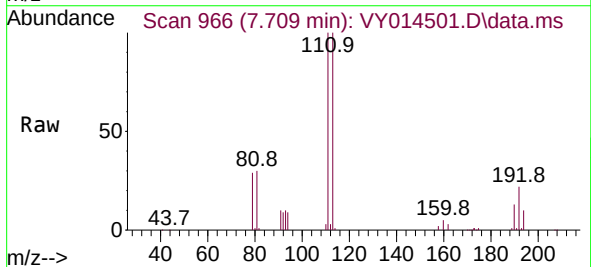
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-012

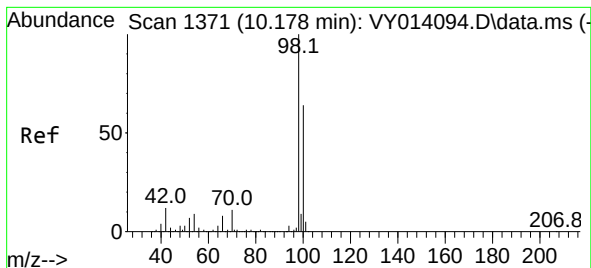
Tgt Ion:114 Resp: 269013
Ion Ratio Lower Upper
114 100
63 16.7 0.0 42.4
88 13.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.303 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.007 min
Lab File: VY014501.D
Acq: 29 Jun 2023 17:13

Tgt Ion:113 Resp: 83604
Ion Ratio Lower Upper
113 100
111 99.7 81.3 121.9
192 22.8 16.9 25.3





#50

Toluene-d8

Concen: 46.232 ug/l

RT: 10.172 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014501.D

Acq: 29 Jun 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

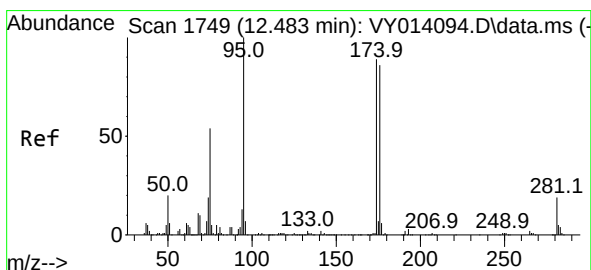
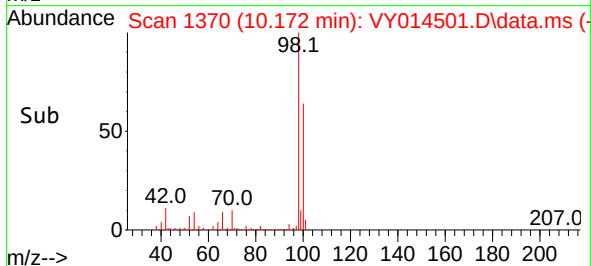
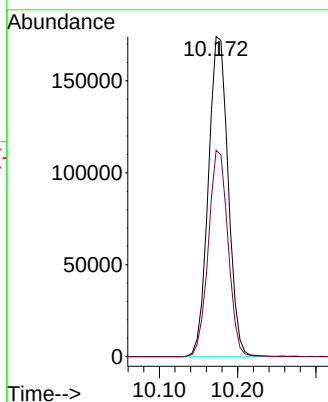
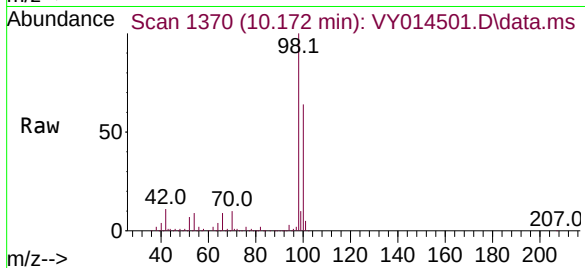
CMC-EME-TOPSOIL-012

Tgt Ion: 98 Resp: 305440

Ion Ratio Lower Upper

98 100

100 64.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.605 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014501.D

Acq: 29 Jun 2023 17:13

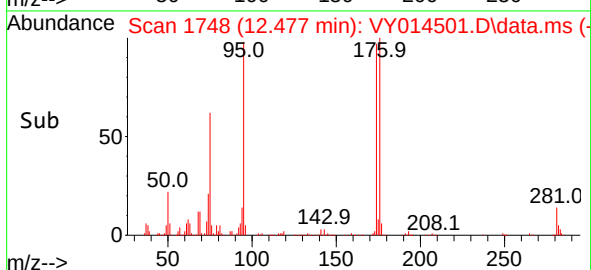
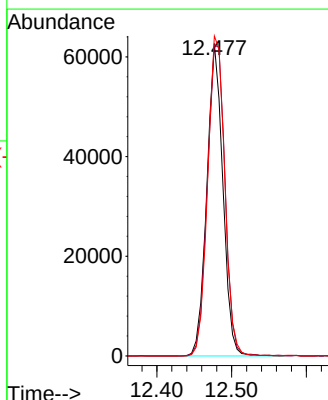
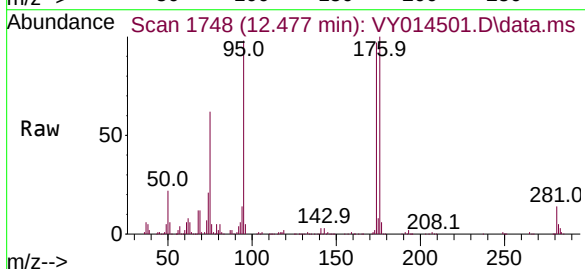
Tgt Ion: 95 Resp: 93414

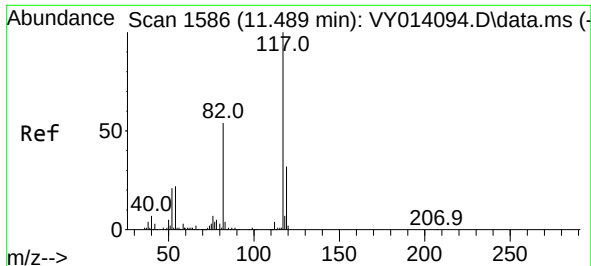
Ion Ratio Lower Upper

95 100

174 109.7 0.0 178.2

176 108.7 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: VY014501.D

Acq: 29 Jun 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-012

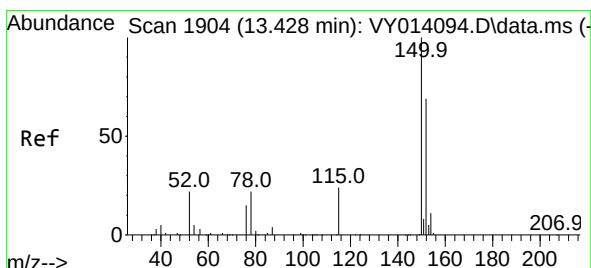
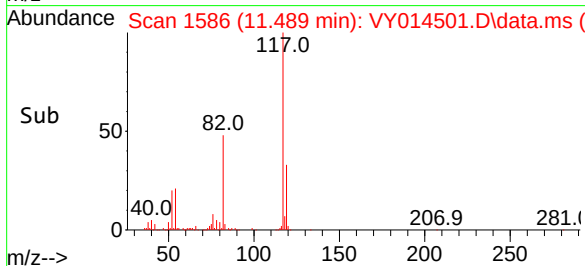
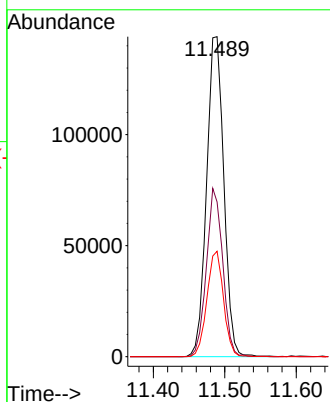
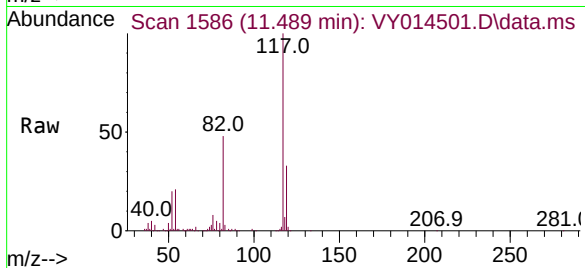
Tgt Ion:117 Resp: 241143

Ion Ratio Lower Upper

117 100

82 48.4 43.4 65.0

119 32.9 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: VY014501.D

Acq: 29 Jun 2023 17:13

Tgt Ion:152 Resp: 114725

Ion Ratio Lower Upper

152 100

115 52.5 28.8 86.5

150 155.3 0.0 348.8

