

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014505.D
 Acq On : 29 Jun 2023 18:48
 Operator : KP/MD
 Sample : 03473-11
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-016

Quant Time: Jun 30 04:12:22 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	188473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	260859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	247145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118099	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	132945	56.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.620%
35) Dibromofluoromethane	7.716	113	80280	49.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.179	98	306134	47.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.483	95	94768	41.435	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.880%

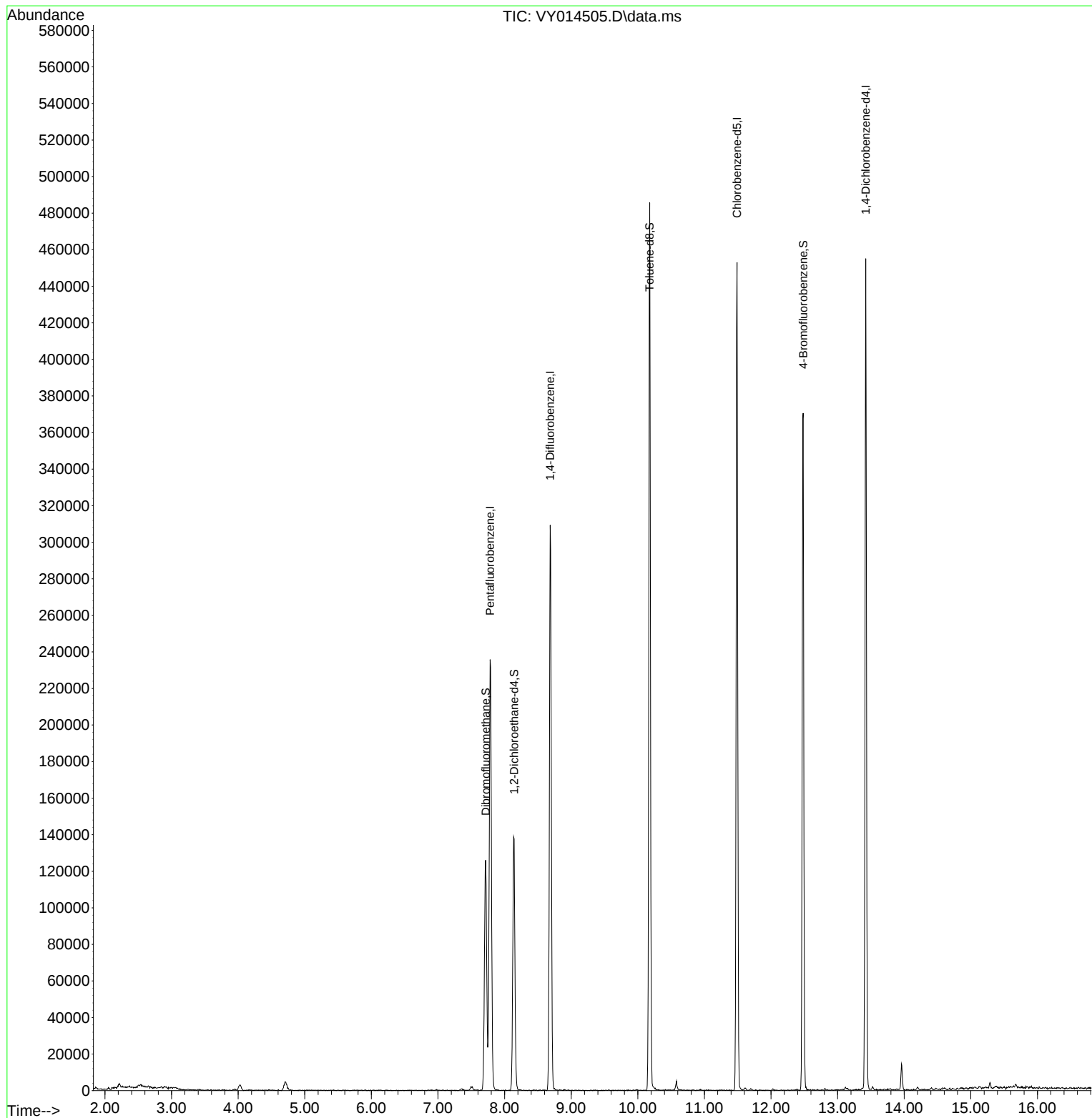
Target Compounds	Qvalue

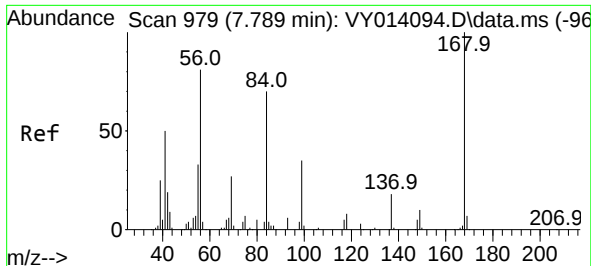
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
Data File : VY014505.D
Acq On : 29 Jun 2023 18:48
Operator : KP/MD
Sample : 03473-11
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-016

Quant Time: Jun 30 04:12:22 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

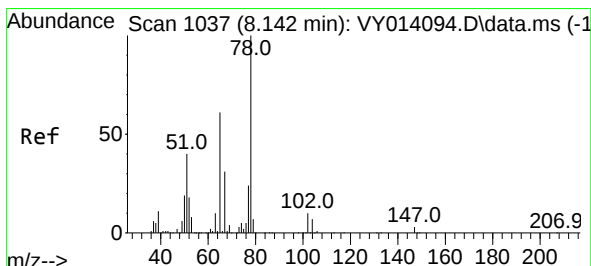
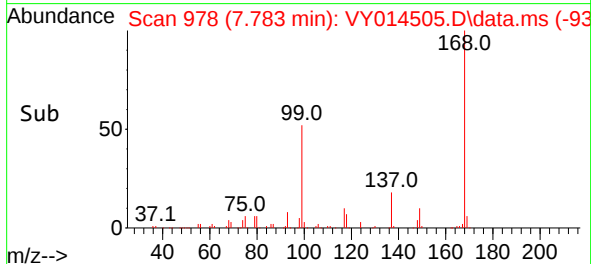
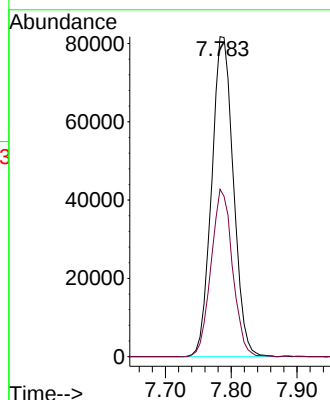
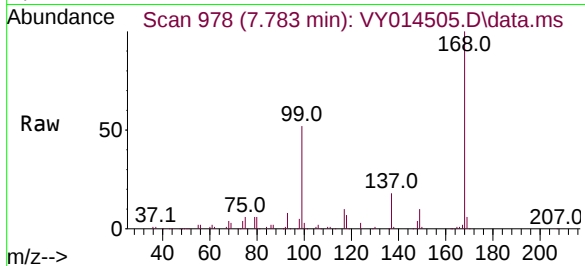




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014505.D
Acq: 29 Jun 2023 18:48

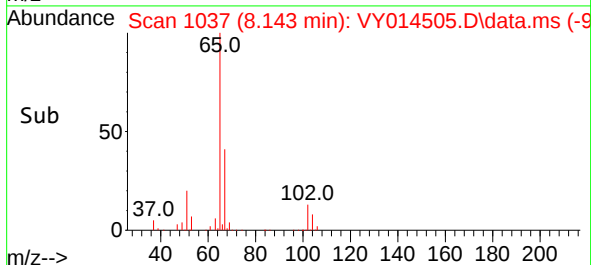
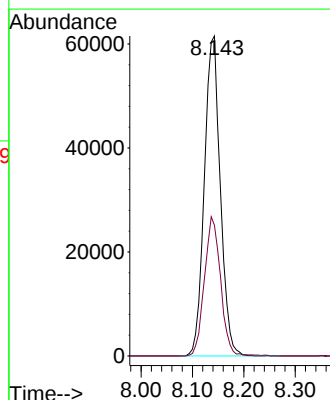
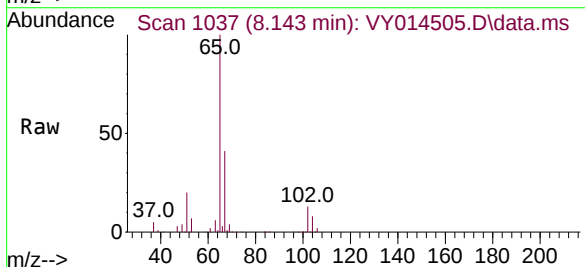
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-016

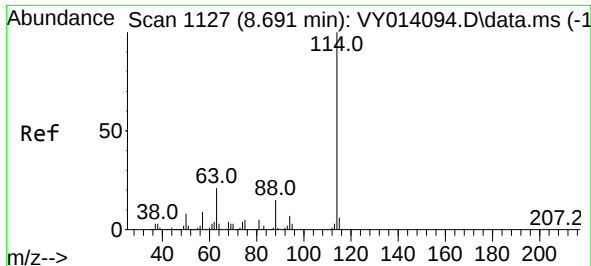
Tgt Ion:168 Resp: 188473
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.813 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014505.D
Acq: 29 Jun 2023 18:48

Tgt Ion: 65 Resp: 132945
Ion Ratio Lower Upper
65 100
67 43.7 0.0 101.8

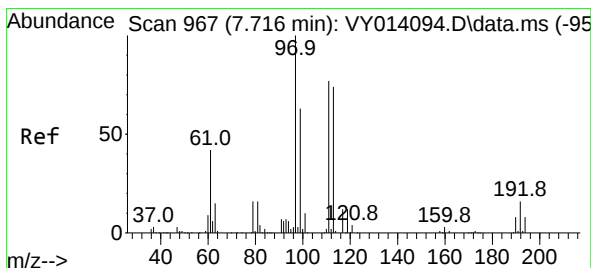
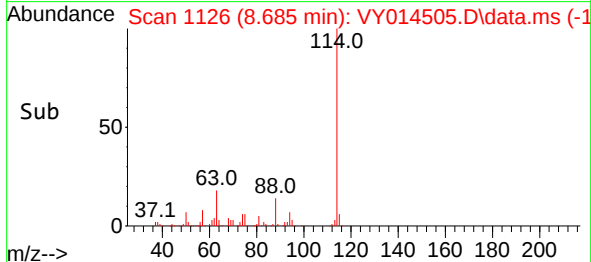
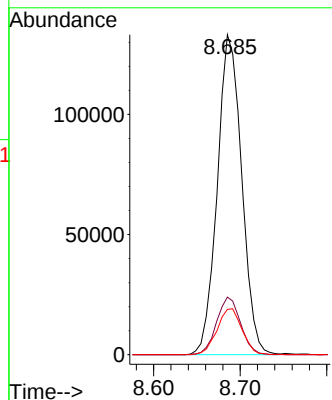
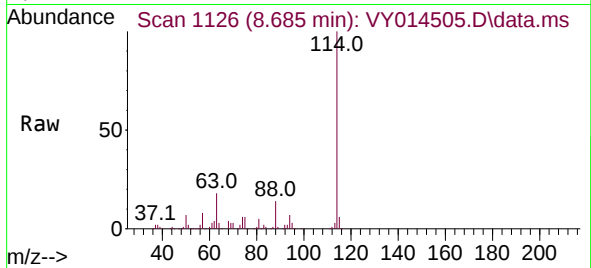




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014505.D
Acq: 29 Jun 2023 18:48

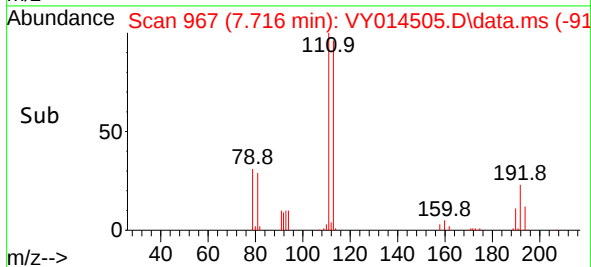
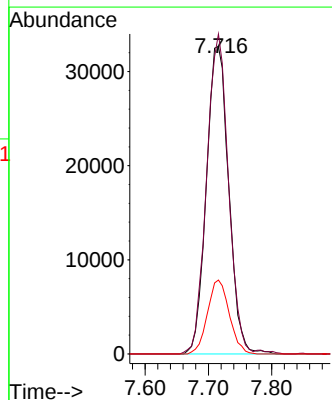
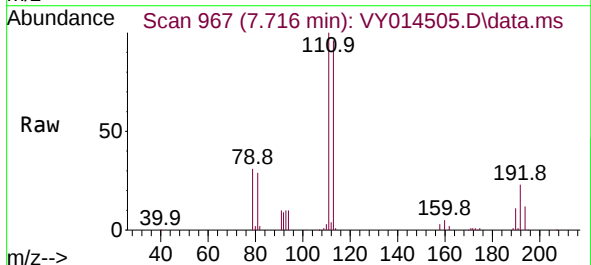
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-016

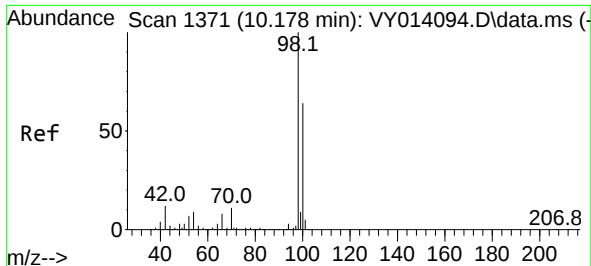
Tgt Ion:114 Resp: 260859
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.4
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.813 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014505.D
Acq: 29 Jun 2023 18:48

Tgt Ion:113 Resp: 80280
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 23.4 16.9 25.3

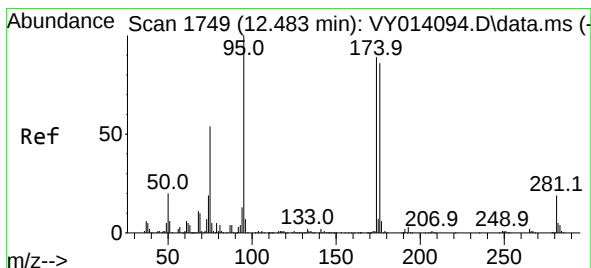
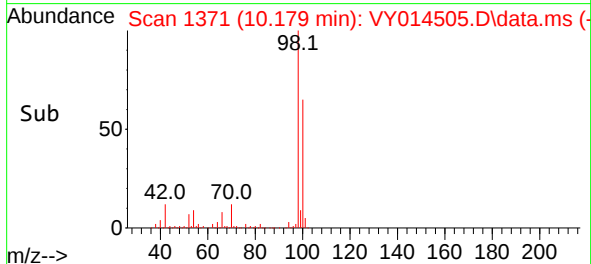
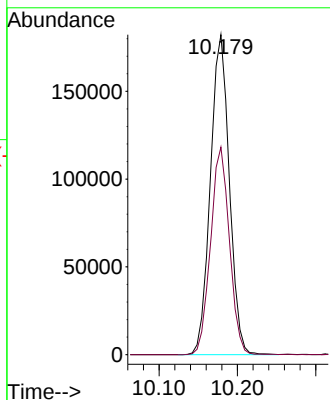
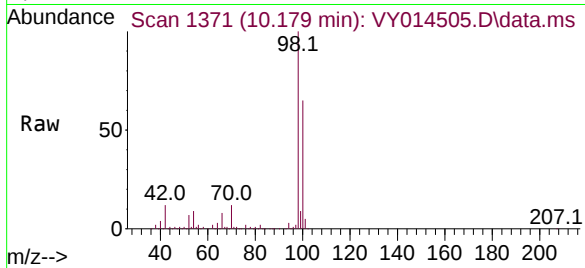




#50
Toluene-d8
Concen: 47.785 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014505.D
Acq: 29 Jun 2023 18:48

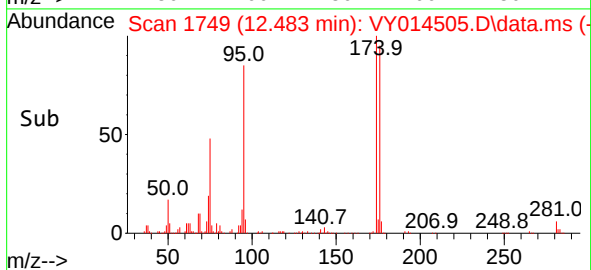
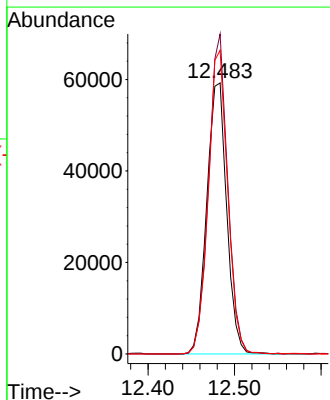
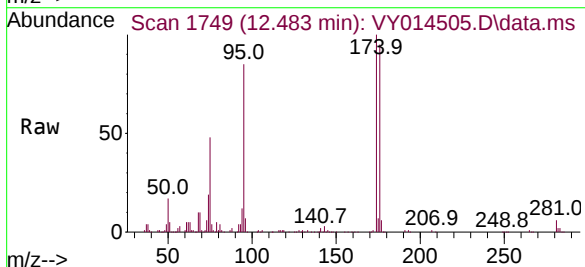
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-016

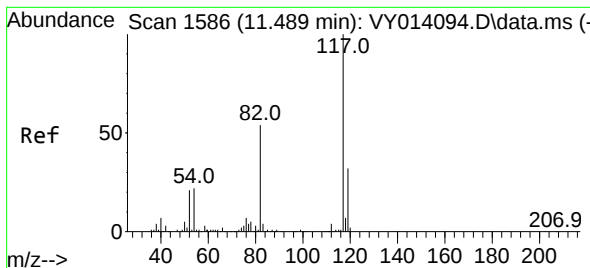
Tgt Ion: 98 Resp: 306134
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.435 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014505.D
Acq: 29 Jun 2023 18:48

Tgt Ion: 95 Resp: 94768
Ion Ratio Lower Upper
95 100
174 113.0 0.0 178.2
176 109.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014505.D

Acq: 29 Jun 2023 18:48

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-016

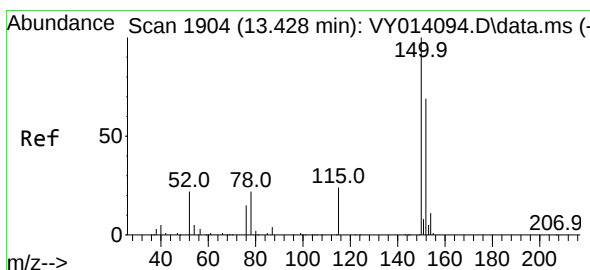
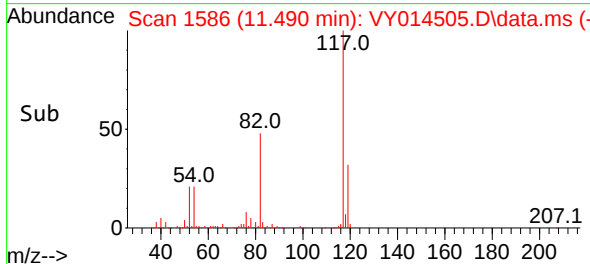
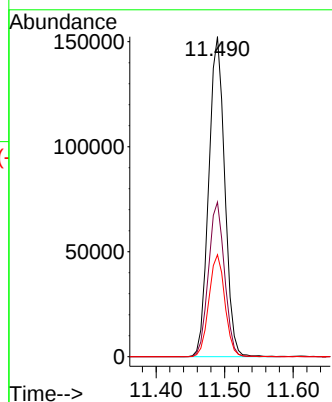
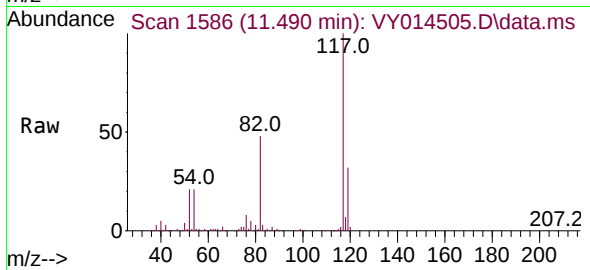
Tgt Ion:117 Resp: 247145

Ion Ratio Lower Upper

117 100

82 48.3 43.4 65.0

119 31.9 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: VY014505.D

Acq: 29 Jun 2023 18:48

Tgt Ion:152 Resp: 118099

Ion Ratio Lower Upper

152 100

115 54.2 28.8 86.5

150 155.0 0.0 348.8

