

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014496.D
 Acq On : 29 Jun 2023 15:15
 Operator : KP/MD
 Sample : 03473-02
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-006

Quant Time: Jun 30 04:09:31 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	178317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	230888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106199	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128472	58.028	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.060%
35) Dibromofluoromethane	7.709	113	77488	50.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.020%
50) Toluene-d8	10.179	98	288213	47.262	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.477	95	89552	41.134	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.260%

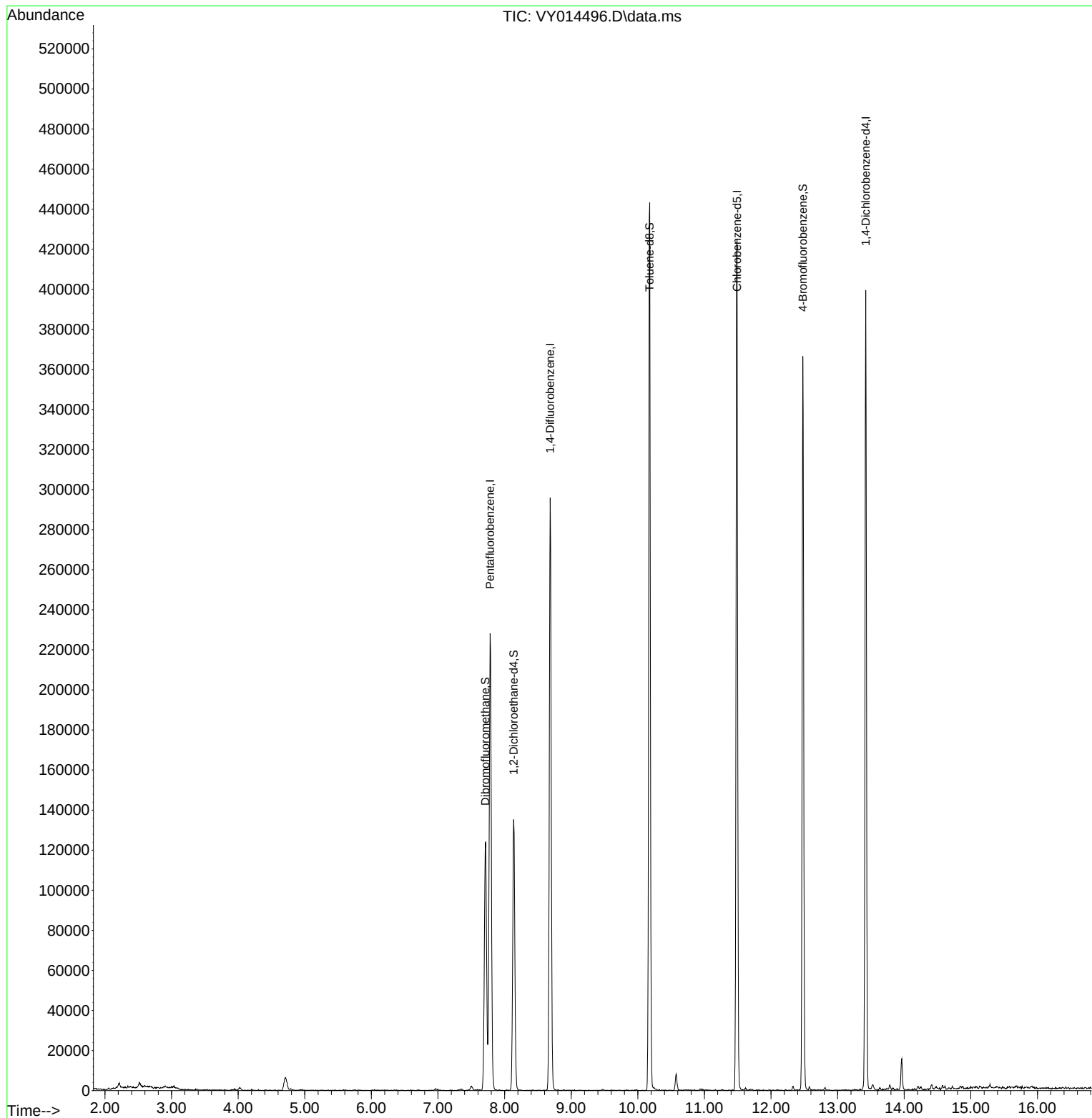
Target Compounds	Qvalue

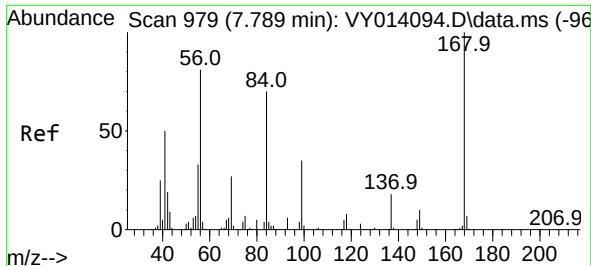
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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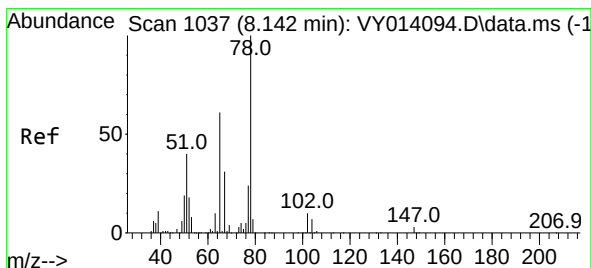
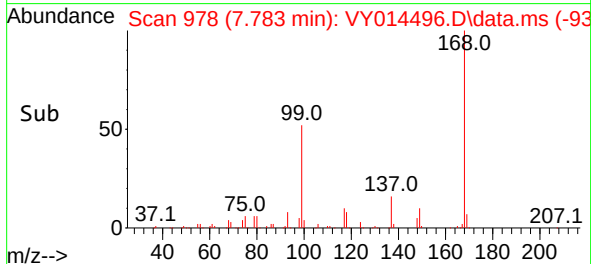
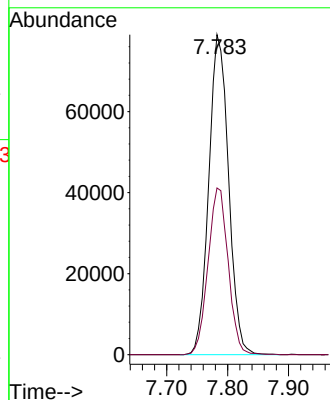
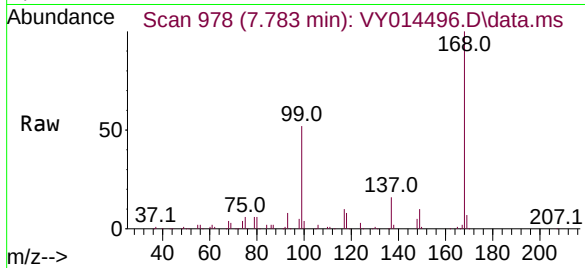




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014496.D
Acq: 29 Jun 2023 15:15

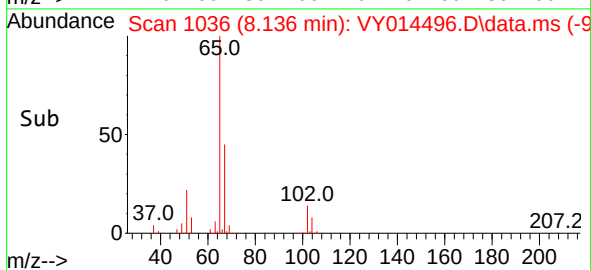
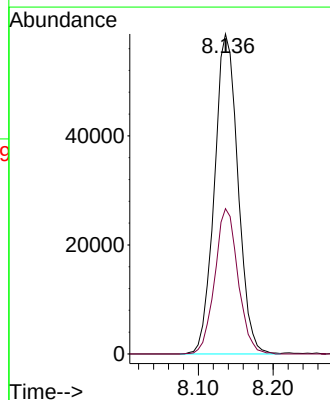
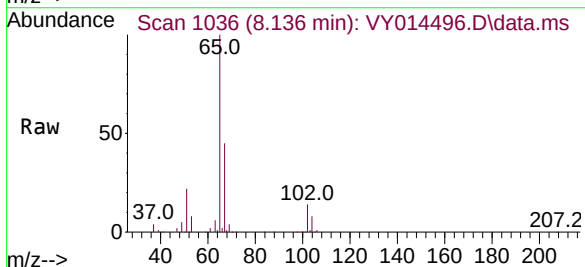
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-006

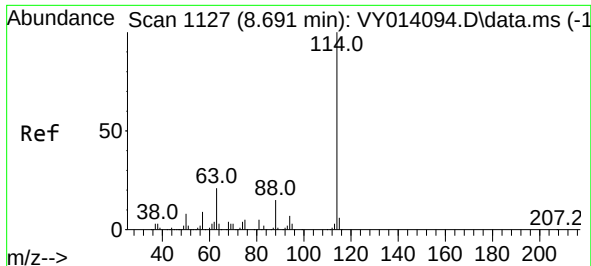
Tgt Ion:168 Resp: 178317
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.028 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014496.D
Acq: 29 Jun 2023 15:15

Tgt Ion: 65 Resp: 128472
Ion Ratio Lower Upper
65 100
67 44.9 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: VY014496.D

Acq: 29 Jun 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-006

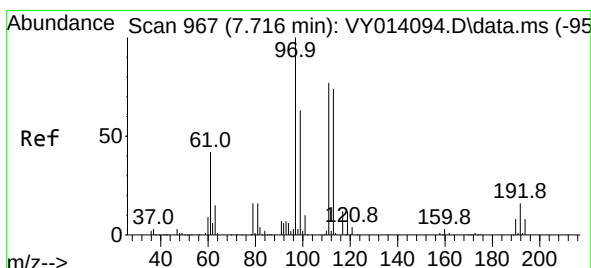
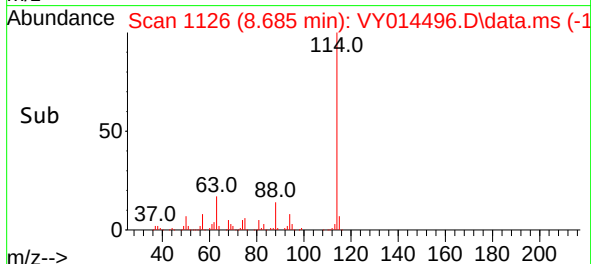
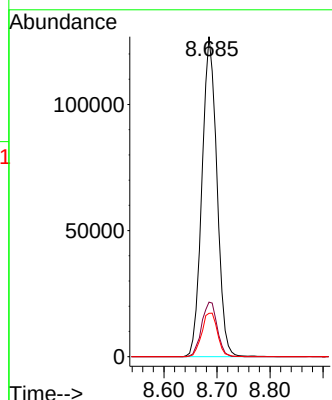
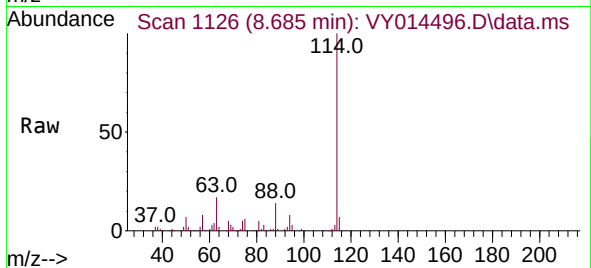
Tgt Ion:114 Resp: 248306

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 13.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.511 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY014496.D

Acq: 29 Jun 2023 15:15

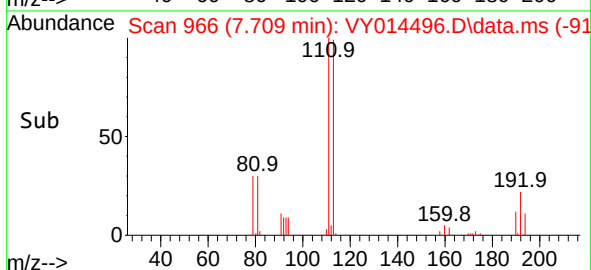
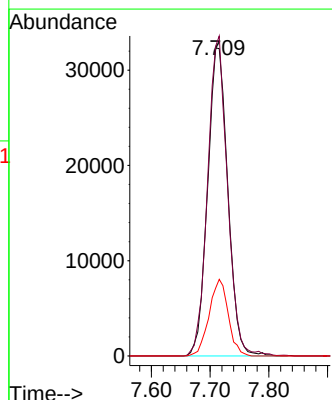
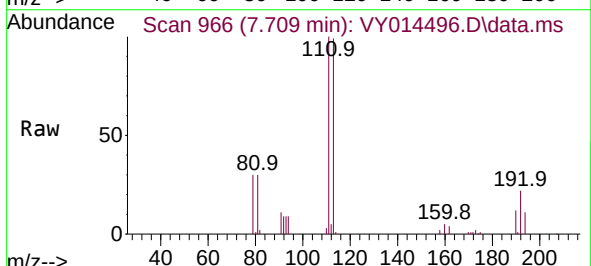
Tgt Ion:113 Resp: 77488

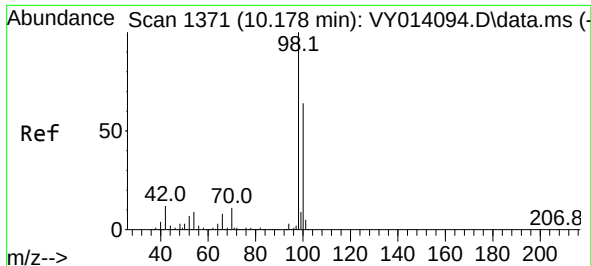
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 23.5 16.9 25.3

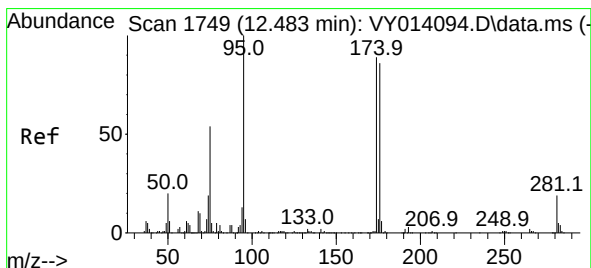
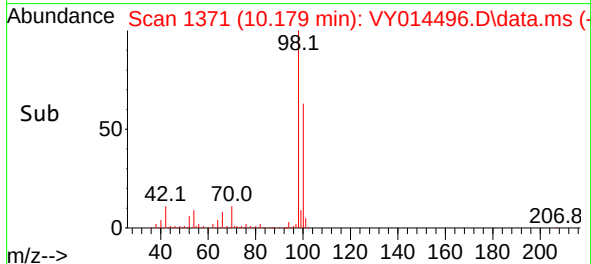
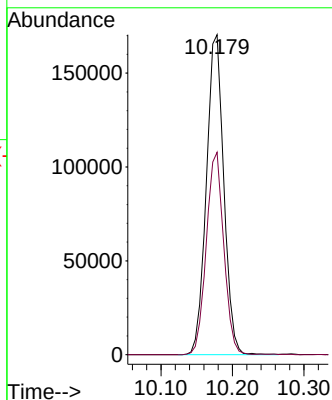
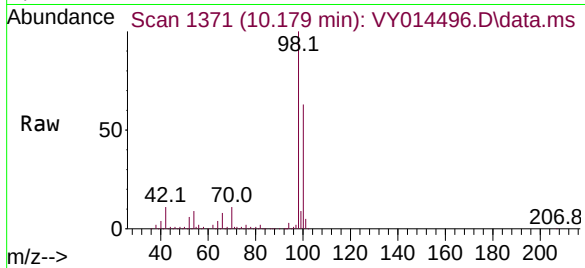




#50
Toluene-d8
Concen: 47.262 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014496.D
Acq: 29 Jun 2023 15:15

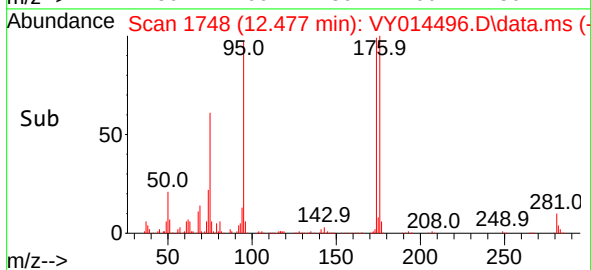
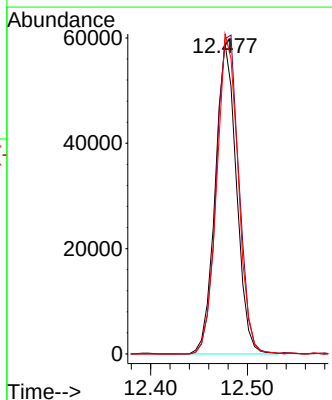
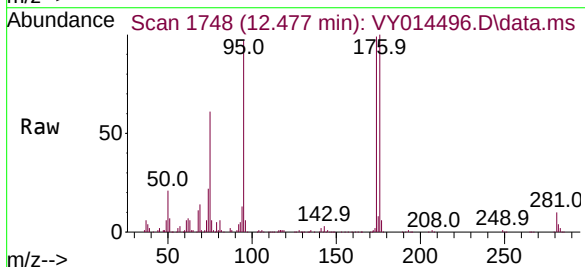
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-006

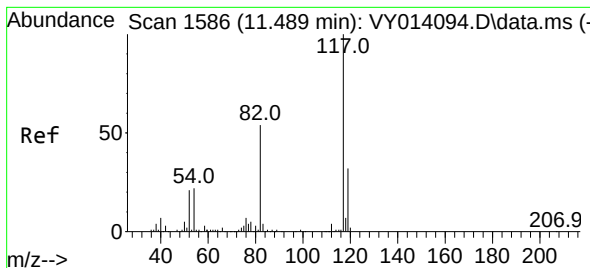
Tgt Ion: 98 Resp: 288213
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.134 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014496.D
Acq: 29 Jun 2023 15:15

Tgt Ion: 95 Resp: 89552
Ion Ratio Lower Upper
95 100
174 108.9 0.0 178.2
176 104.4 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: VY014496.D

Acq: 29 Jun 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-006

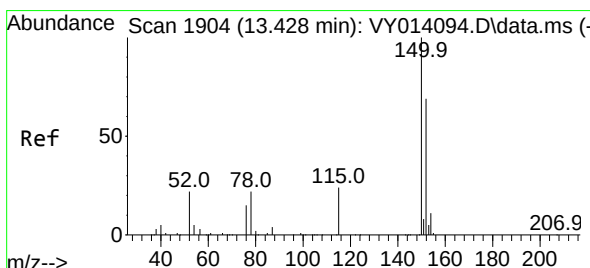
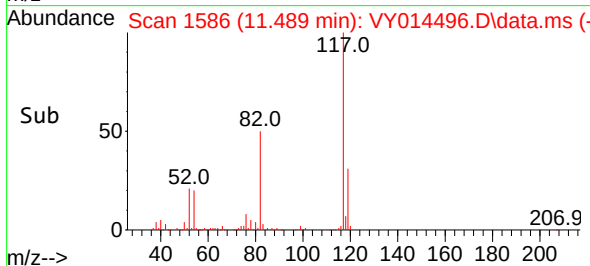
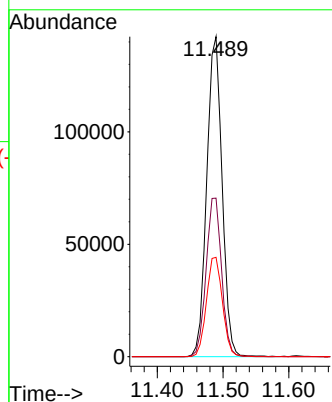
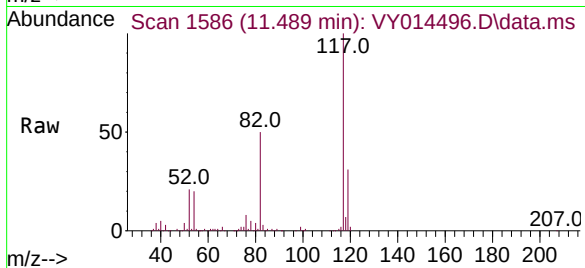
Tgt Ion:117 Resp: 230888

Ion Ratio Lower Upper

117 100

82 49.6 43.4 65.0

119 31.1 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: VY014496.D

Acq: 29 Jun 2023 15:15

Tgt Ion:152 Resp: 106199

Ion Ratio Lower Upper

152 100

115 54.2 28.8 86.5

150 156.0 0.0 348.8

