

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014495.D
 Acq On : 29 Jun 2023 14:52
 Operator : KP/MD
 Sample : 03473-01
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-005

Quant Time: Jun 30 04:09:14 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)

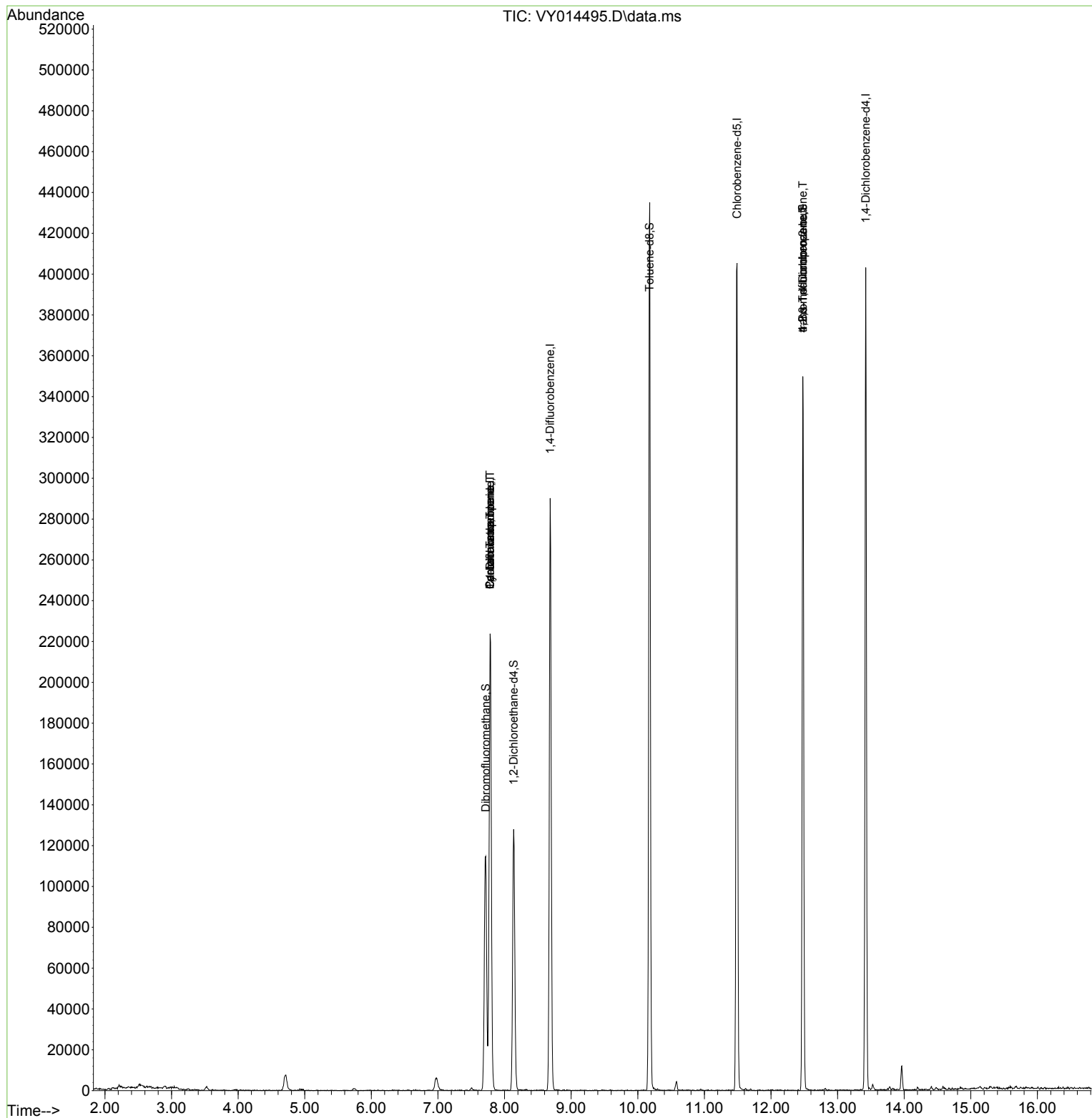
Internal Standards						
1) Pentafluorobenzene	7.783	168	174650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	237139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	121973	56.249	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.500%			
35) Dibromofluoromethane	7.716	113	74564	50.894	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.780%			
50) Toluene-d8	10.179	98	280537	48.170	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.340%			
62) 4-Bromofluorobenzene	12.477	95	86465	41.586	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.180%			
Target Compounds						
11) Tert butyl alcohol	4.966	59	461	Below Cal	#	71
20) Methylene Chloride	4.716	84	6695	Below Cal	#	62
31) Cyclohexane	7.783	56	3578	1.336	ug/l #	30
36) 1,1-Dichloropropene	7.783	75	12454	5.516	ug/l #	53
38) Carbon Tetrachloride	7.783	117	17262	6.076	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	52835	39.859	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52835	90.745	ug/l #	11

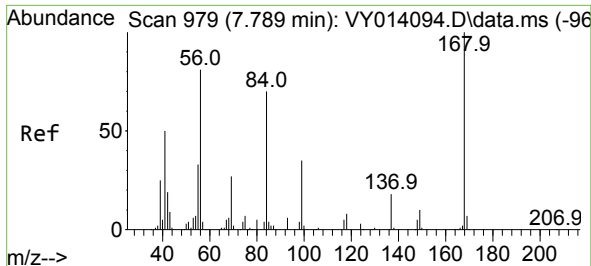
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
Data File : VY014495.D
Acq On : 29 Jun 2023 14:52
Operator : KP/MD
Sample : 03473-01
Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-005

Quant Time: Jun 30 04:09:14 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

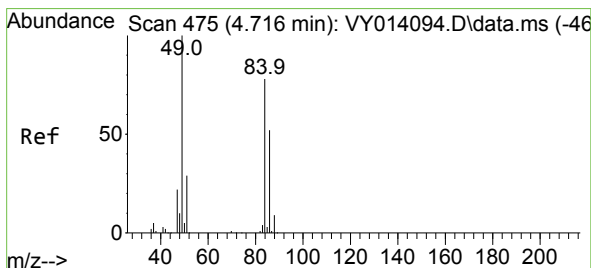
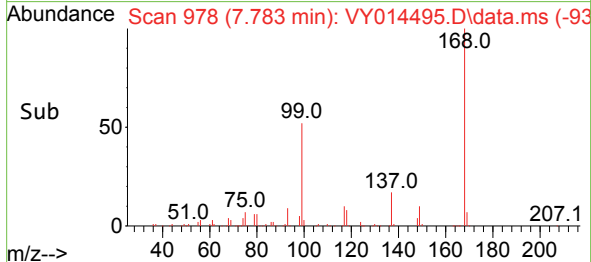
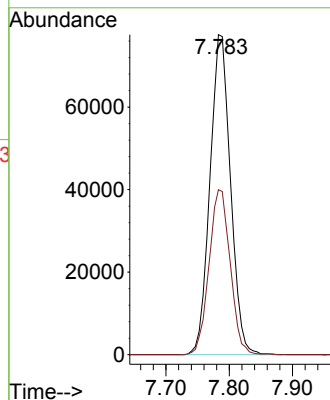
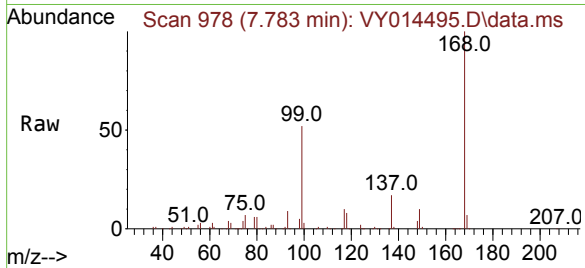




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014495.D
Acq: 29 Jun 2023 14:52

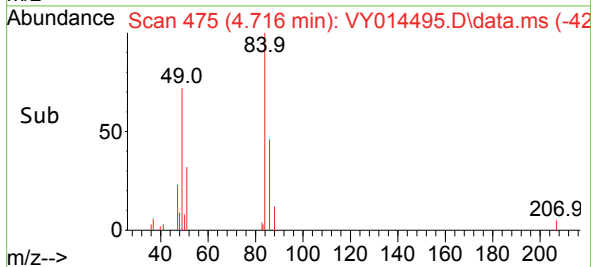
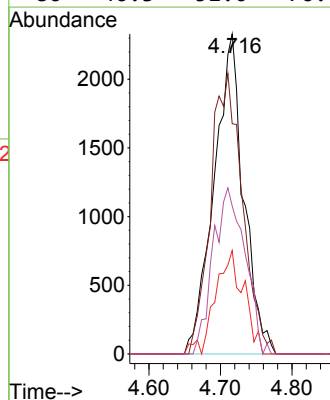
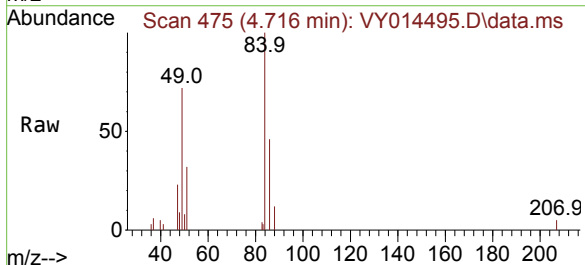
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-005

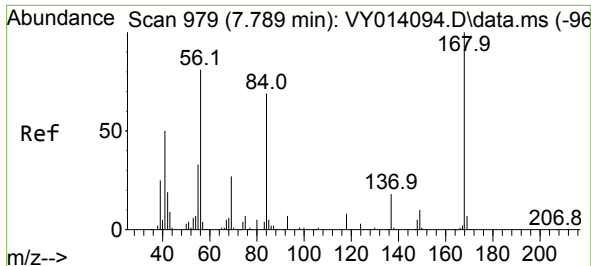
Tgt Ion:168 Resp: 174650
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014495.D
Acq: 29 Jun 2023 14:52

Tgt Ion: 84 Resp: 6695
Ion Ratio Lower Upper
84 100
49 71.9 106.9 160.3#
51 32.3 33.2 49.8#
86 46.3 51.0 76.6#

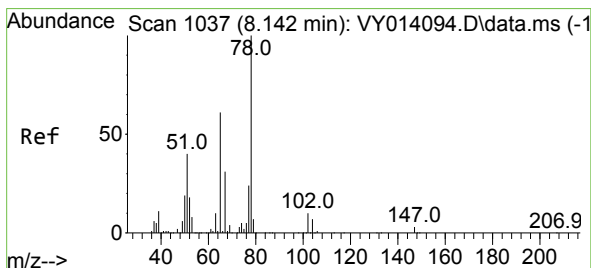
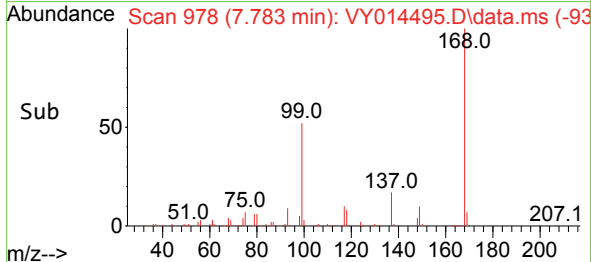
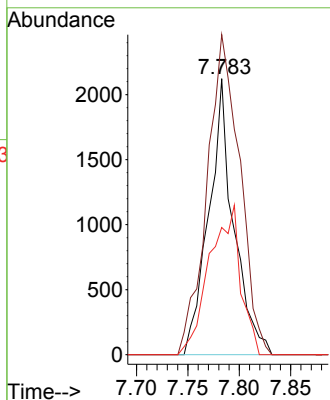
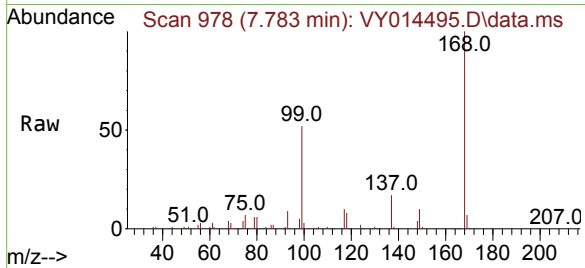




#31
Cyclohexane
Concen: 1.336 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014495.D
Acq: 29 Jun 2023 14:52

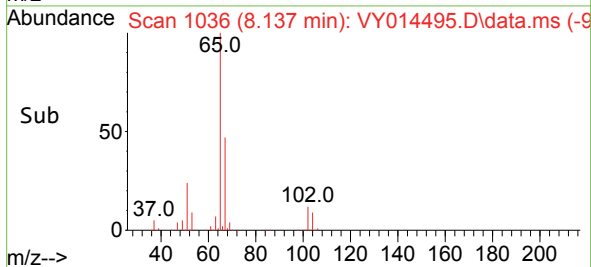
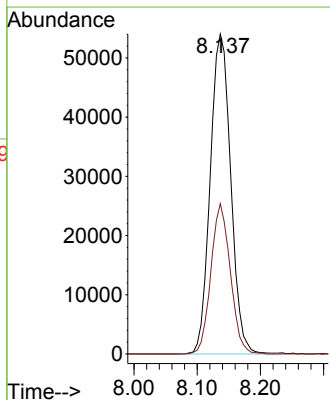
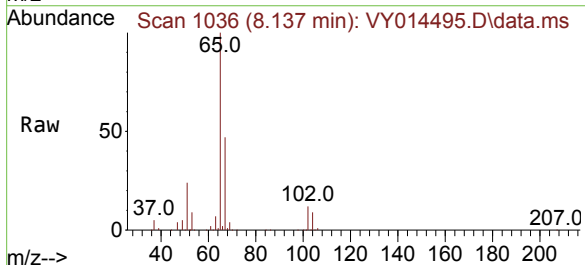
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-005

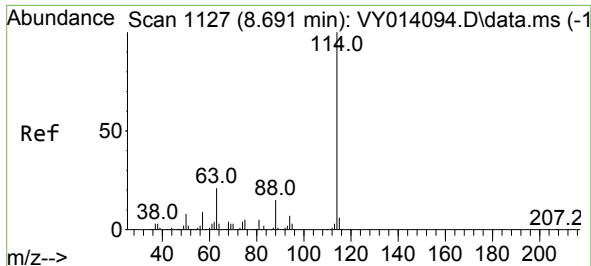
Tgt Ion: 56 Resp: 3578
Ion Ratio Lower Upper
56 100
69 115.9 27.8 41.6#
84 46.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.249 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014495.D
Acq: 29 Jun 2023 14:52

Tgt Ion: 65 Resp: 121973
Ion Ratio Lower Upper
65 100
67 44.4 0.0 101.8

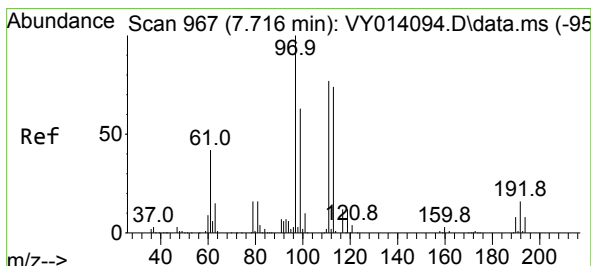
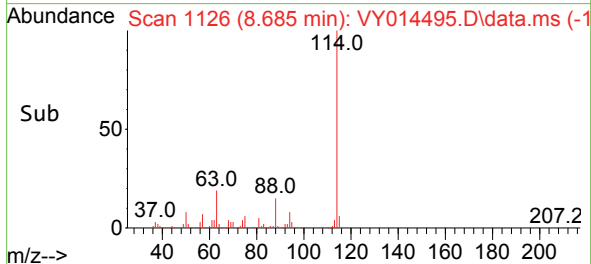
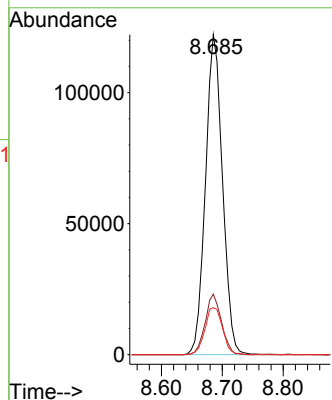
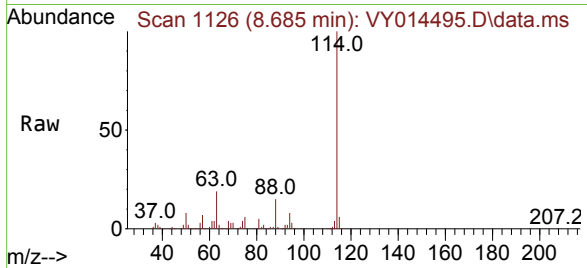




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014495.D
Acq: 29 Jun 2023 14:52

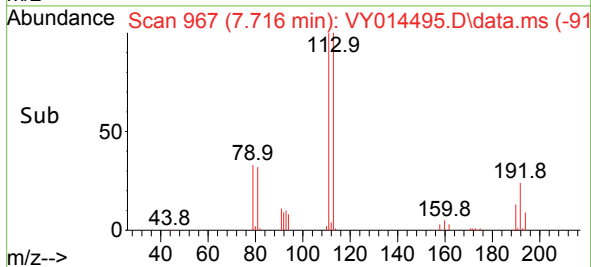
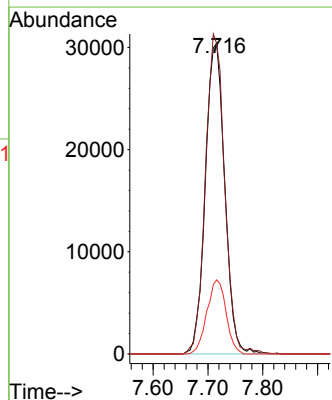
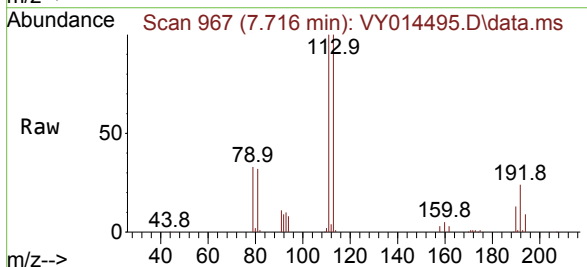
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-005

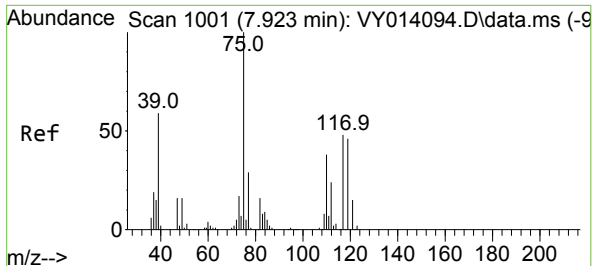
Tgt Ion:114 Resp: 237139
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.894 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014495.D
Acq: 29 Jun 2023 14:52

Tgt Ion:113 Resp: 74564
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 23.5 16.9 25.3

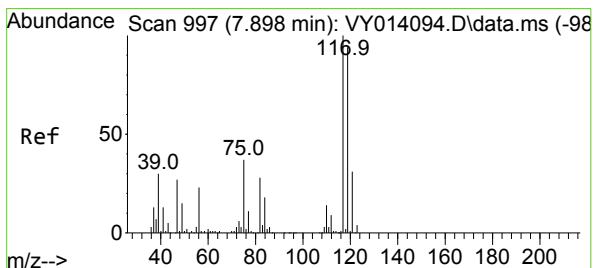
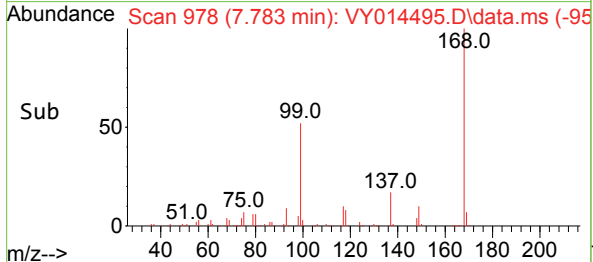
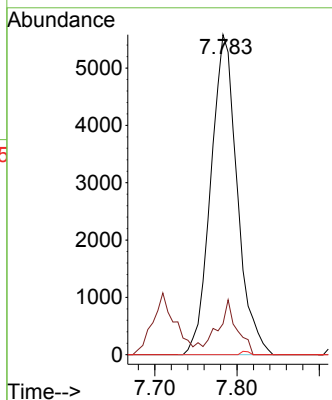
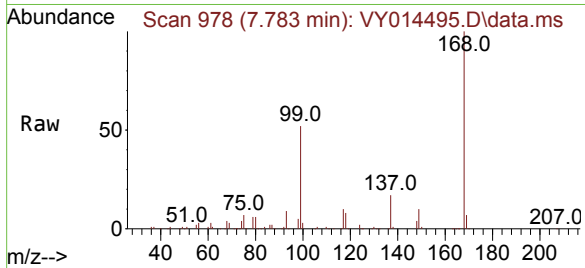




#36
1,1-Dichloropropene
Concen: 5.516 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014495.D
Acq: 29 Jun 2023 14:52

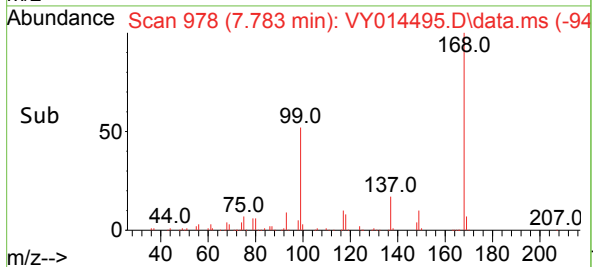
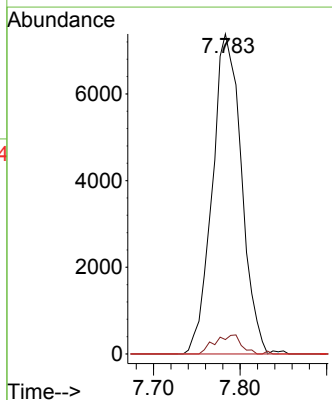
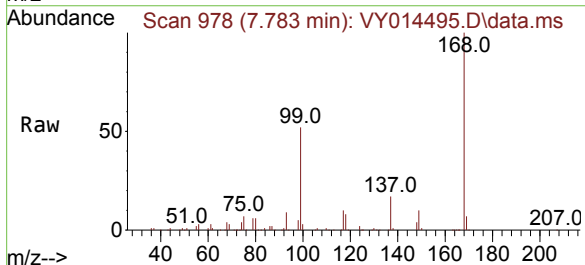
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-005

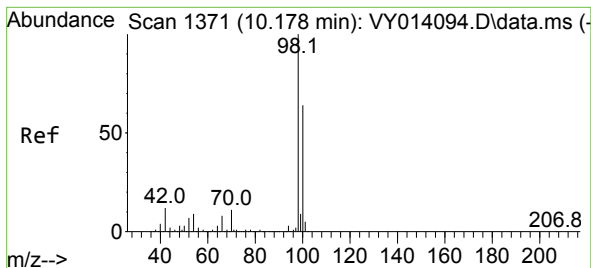
Tgt Ion: 75 Resp: 12454
Ion Ratio Lower Upper
75 100
110 12.1 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.076 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.115 min
Lab File: VY014495.D
Acq: 29 Jun 2023 14:52

Tgt Ion: 117 Resp: 17262
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.170 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014495.D

Acq: 29 Jun 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

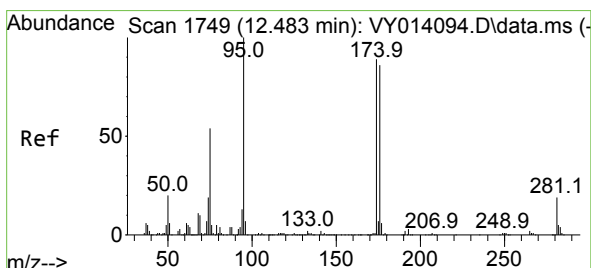
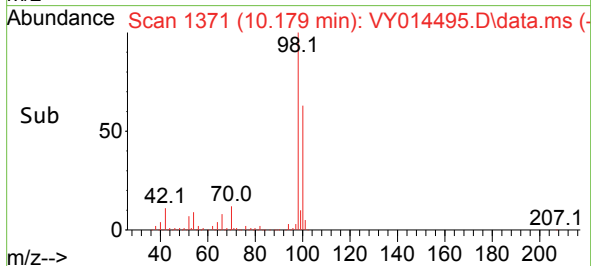
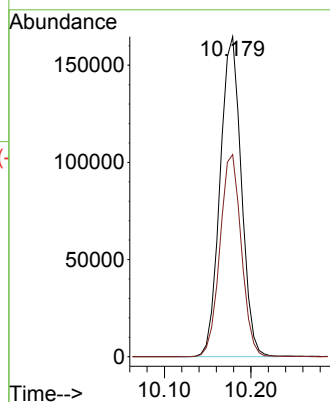
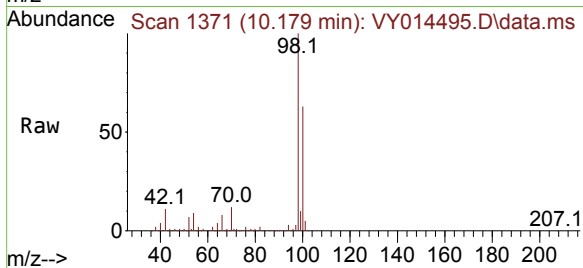
CMC-EME-TOPSOIL-005

Tgt Ion: 98 Resp: 280537

Ion Ratio Lower Upper

98 100

100 63.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 41.586 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014495.D

Acq: 29 Jun 2023 14:52

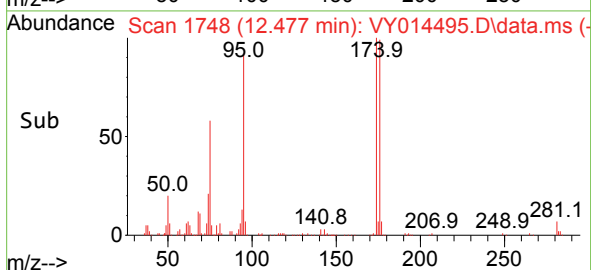
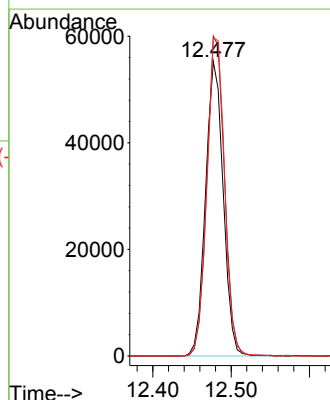
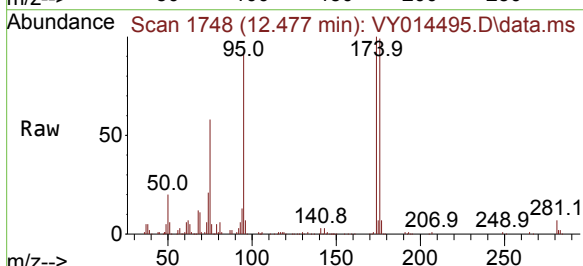
Tgt Ion: 95 Resp: 86465

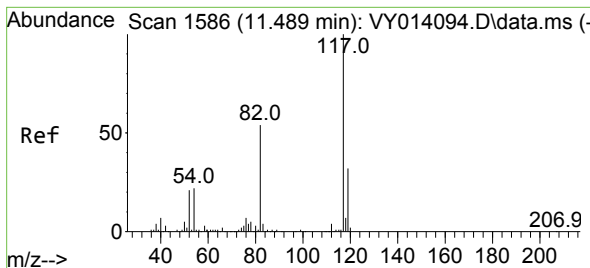
Ion Ratio Lower Upper

95 100

174 108.8 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. 0.001 min

Lab File: VY014495.D

Acq: 29 Jun 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-005

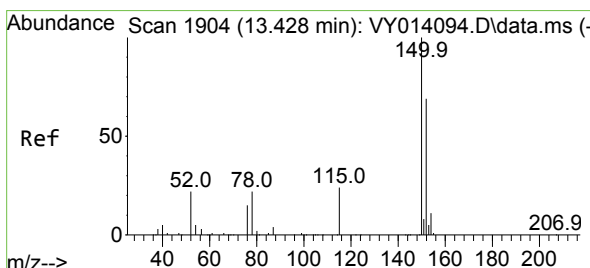
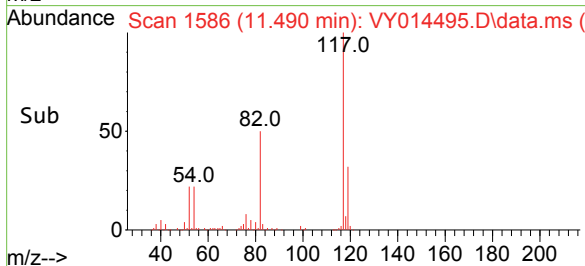
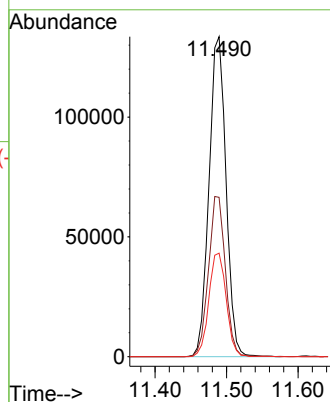
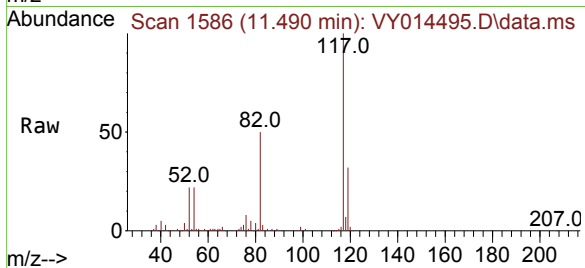
Tgt Ion:117 Resp: 220396

Ion Ratio Lower Upper

117 100

82 49.8 43.4 65.0

119 32.3 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: VY014495.D

Acq: 29 Jun 2023 14:52

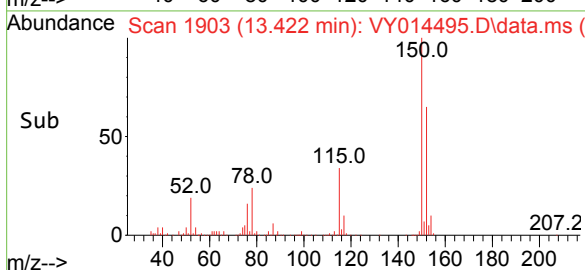
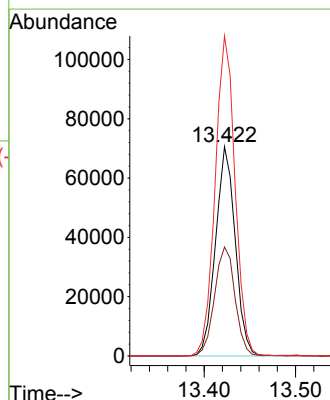
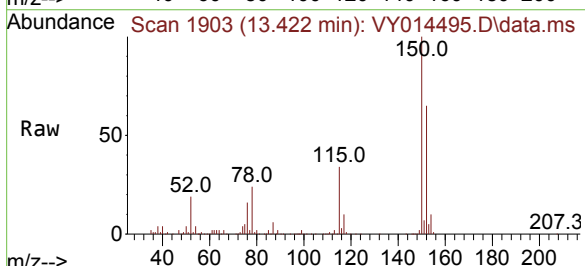
Tgt Ion:152 Resp: 105671

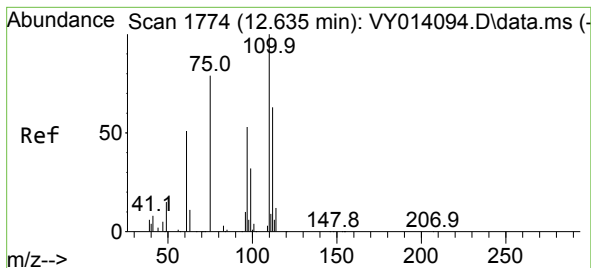
Ion Ratio Lower Upper

152 100

115 54.2 28.8 86.5

150 154.7 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 39.859 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014495.D

Acq: 29 Jun 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

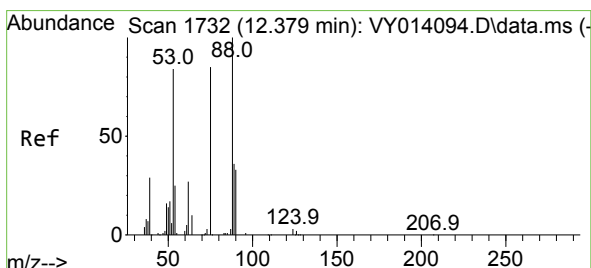
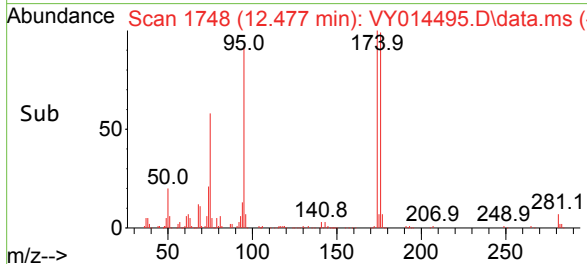
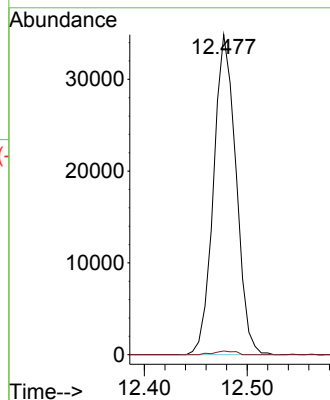
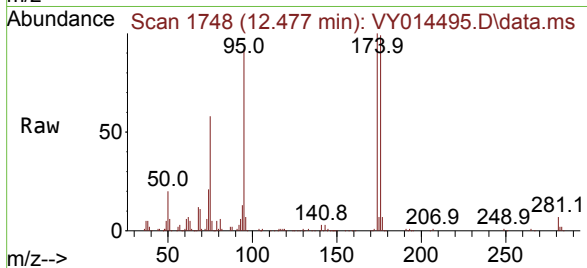
CMC-EME-TOPSOIL-005

Tgt Ion: 75 Resp: 52835

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.745 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY014495.D

Acq: 29 Jun 2023 14:52

Tgt Ion: 75 Resp: 52835

Ion Ratio Lower Upper

75 100

53 0.1 77.8 116.8#

89 0.0 37.4 56.0#

