

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014500.D
 Acq On : 29 Jun 2023 16:50
 Operator : KP/MD
 Sample : 03473-06
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-011

Quant Time: Jun 30 04:10:44 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)

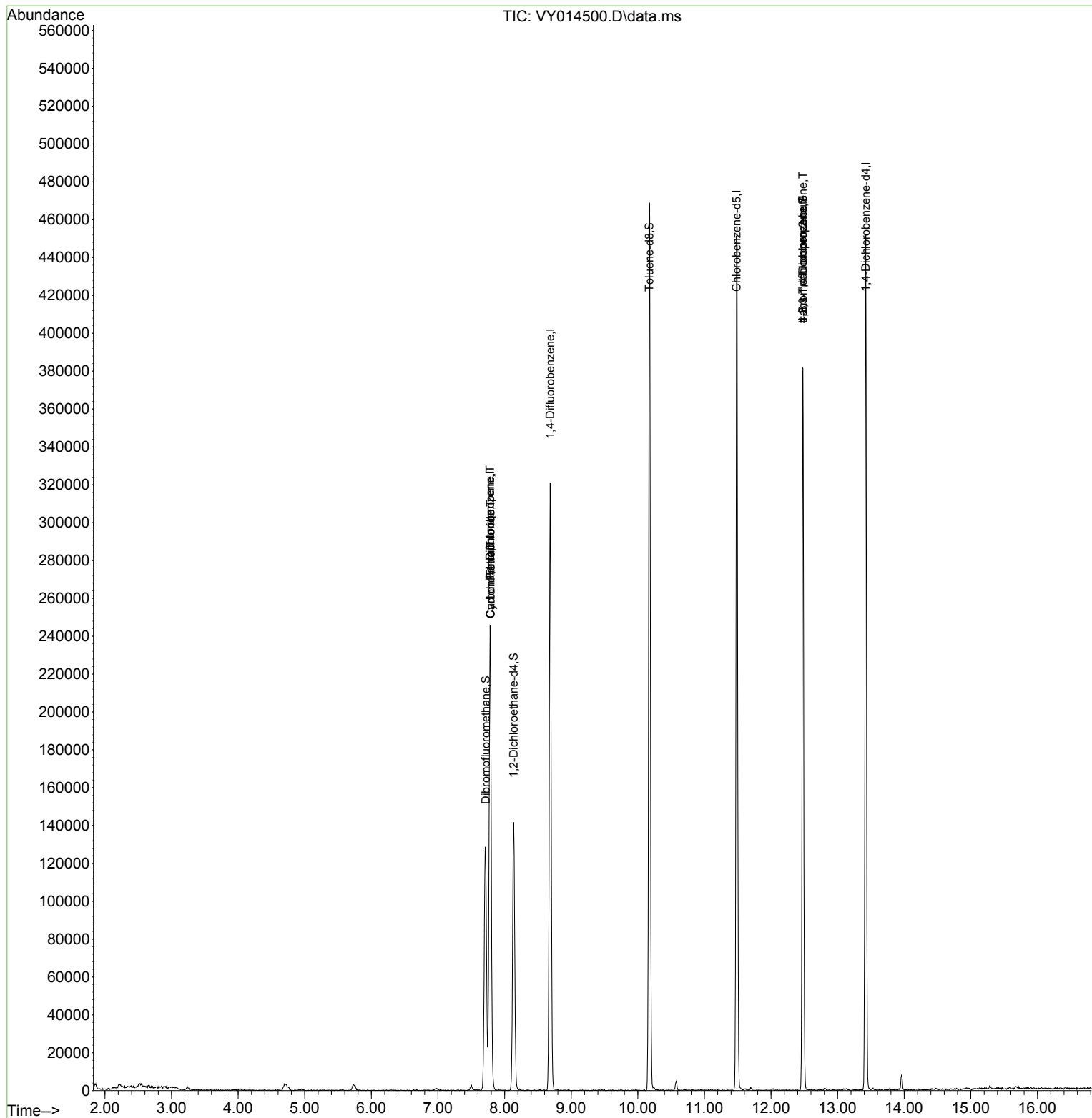
Internal Standards						
1) Pentafluorobenzene	7.783	168	190079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	245276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	135393	57.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.740%	
35) Dibromofluoromethane	7.716	113	82149	50.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.080%	
50) Toluene-d8	10.173	98	312592	48.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.760%	
62) 4-Bromofluorobenzene	12.477	95	96719	41.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	755	Below Cal	#	91
20) Methylene Chloride	4.716	84	3040	Below Cal	#	68
31) Cyclohexane	7.789	56	4030	1.382	ug/l #	27
36) 1,1-Dichloropropene	7.783	75	12836	5.125	ug/l #	54
38) Carbon Tetrachloride	7.789	117	19314	6.127	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	58540	39.952	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58540	90.958	ug/l #	11

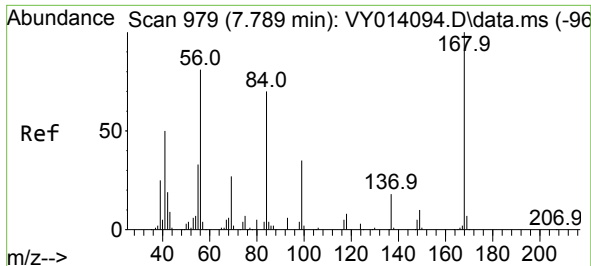
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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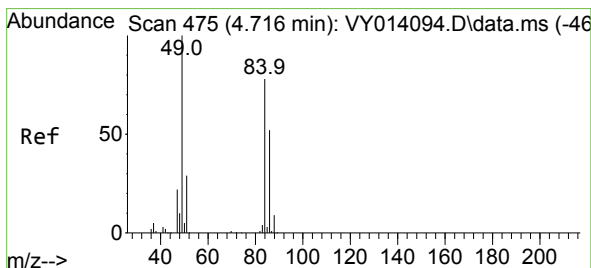
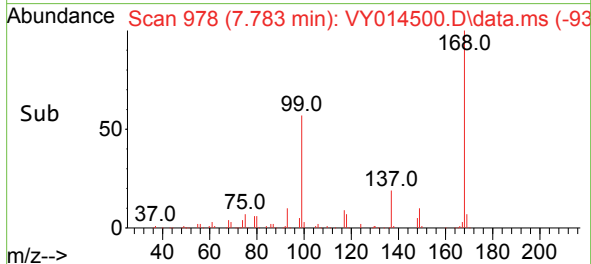
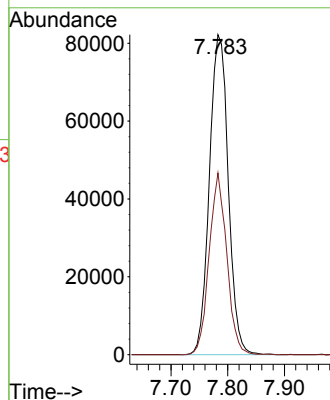
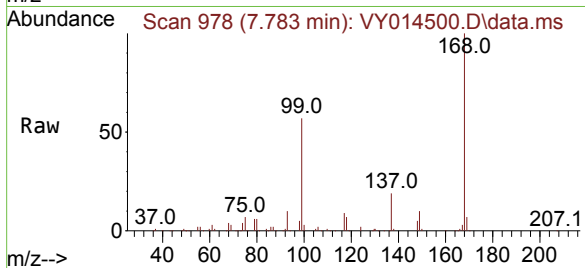




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

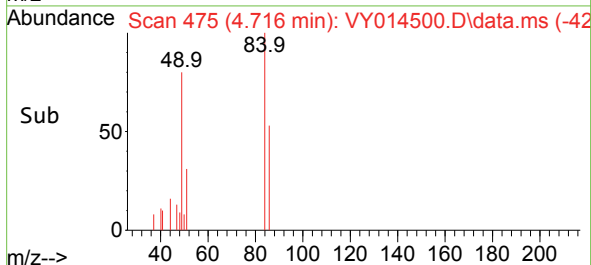
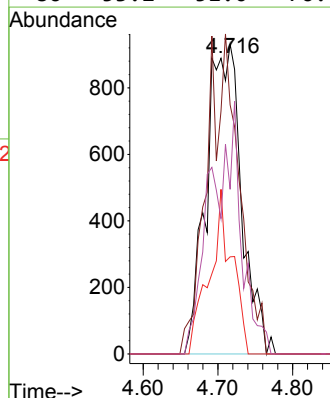
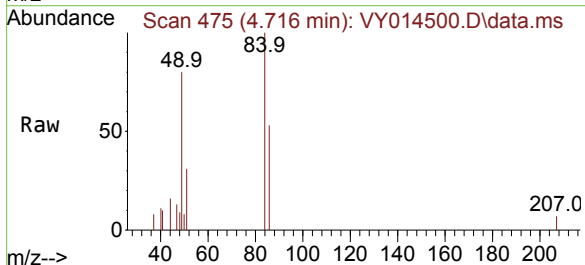
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-011

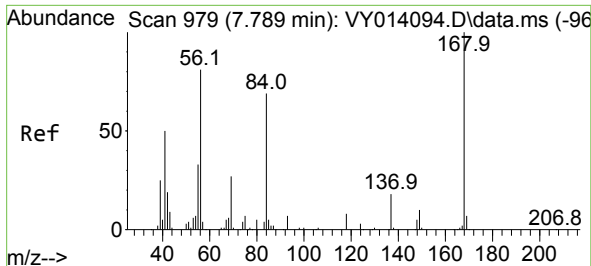
Tgt Ion:168 Resp: 190079
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

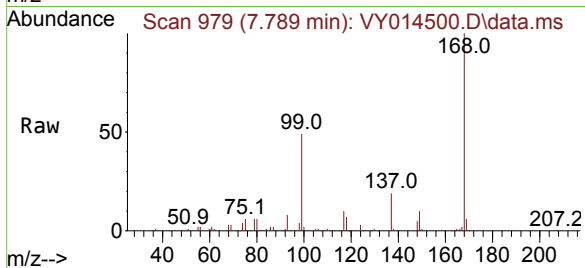
Tgt Ion: 84 Resp: 3040
Ion Ratio Lower Upper
84 100
49 80.5 106.9 160.3#
51 31.4 33.2 49.8#
86 53.2 51.0 76.6



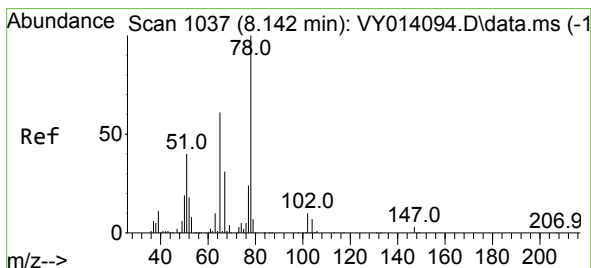
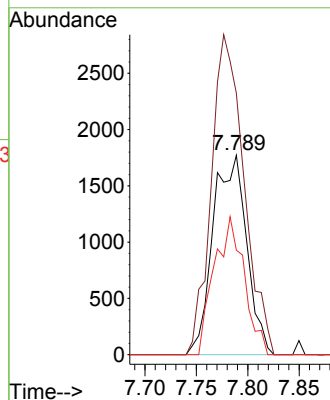
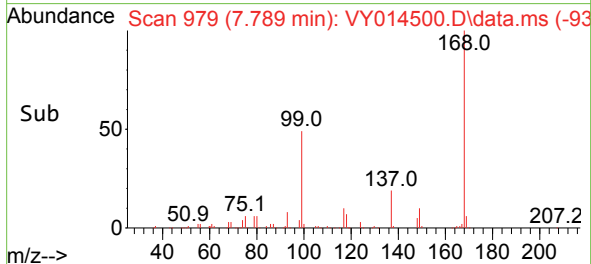


#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

Instrument :
MSVOA_Y
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CMC-EME-TOPSOIL-011

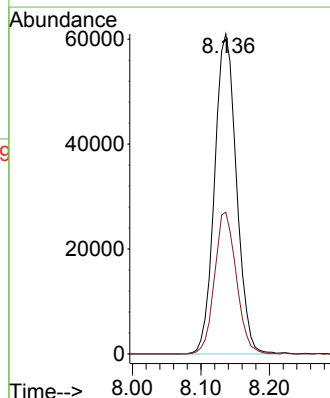
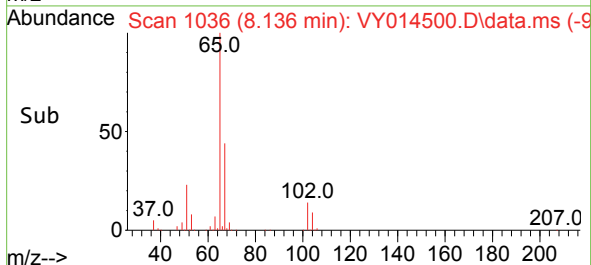
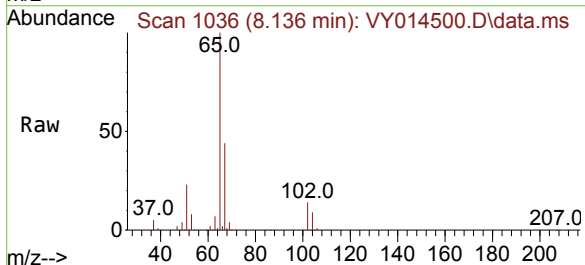


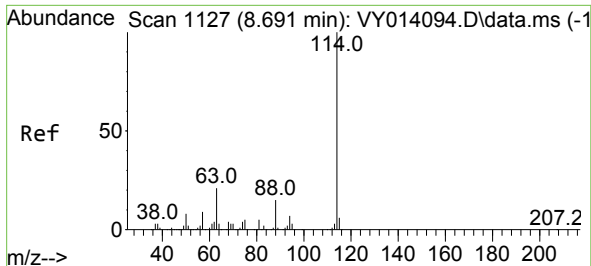
Tgt Ion: 56 Resp: 4030
Ion Ratio Lower Upper
56 100
69 131.1 27.8 41.6#
84 52.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.370 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

Tgt Ion: 65 Resp: 135393
Ion Ratio Lower Upper
65 100
67 44.1 0.0 101.8

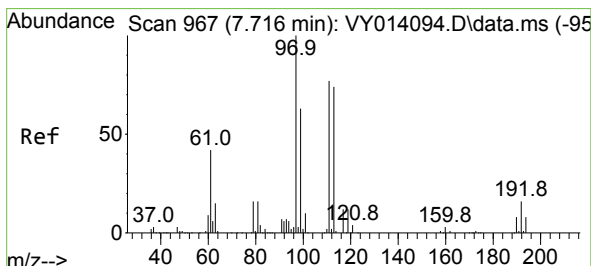
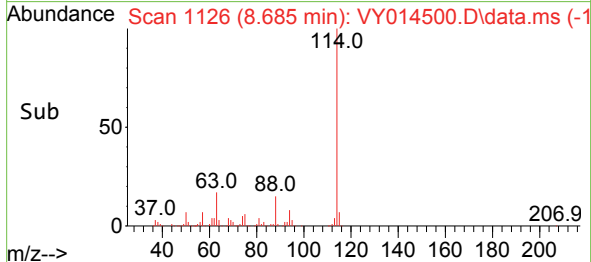
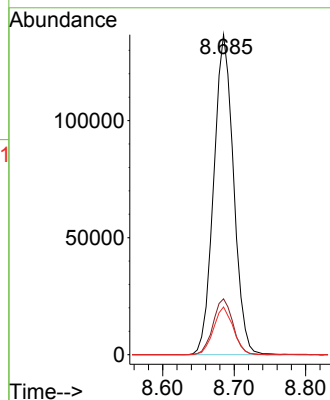
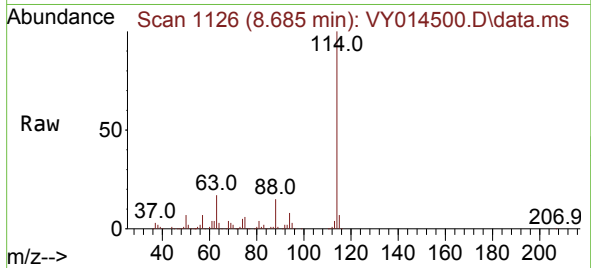




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

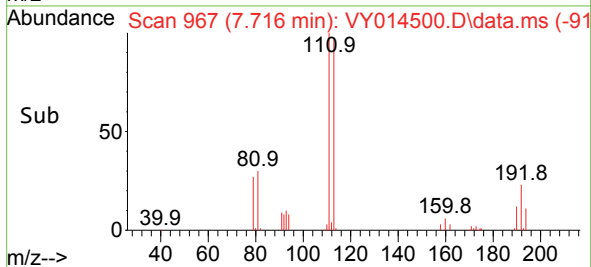
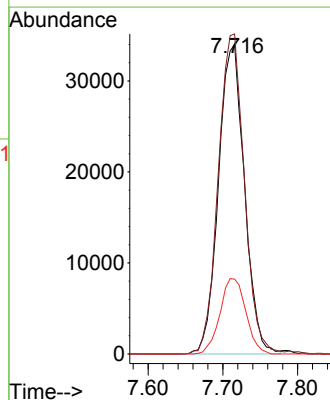
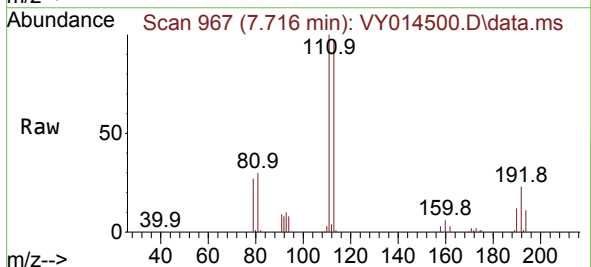
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-011

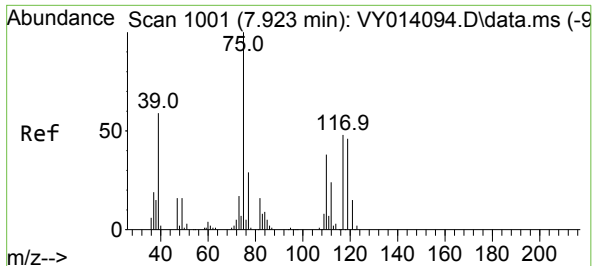
Tgt Ion:114 Resp: 263090
Ion Ratio Lower Upper
114 100
63 17.5 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.540 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

Tgt Ion:113 Resp: 82149
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 24.3 16.9 25.3

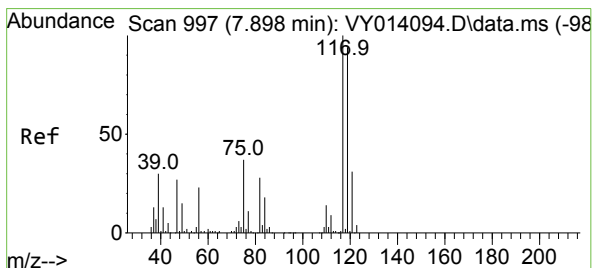
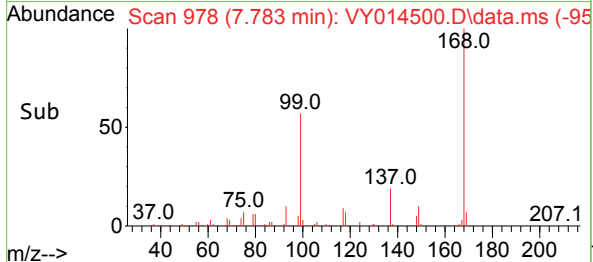
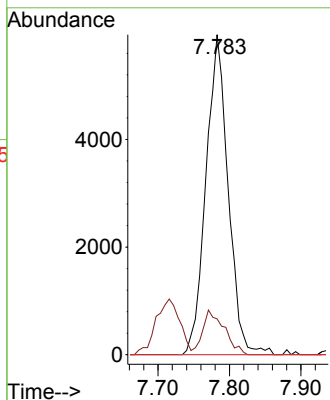
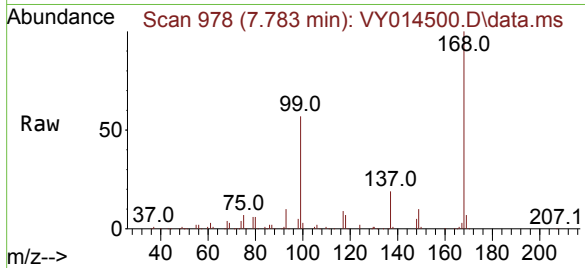




#36
1,1-Dichloropropene
Concen: 5.125 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

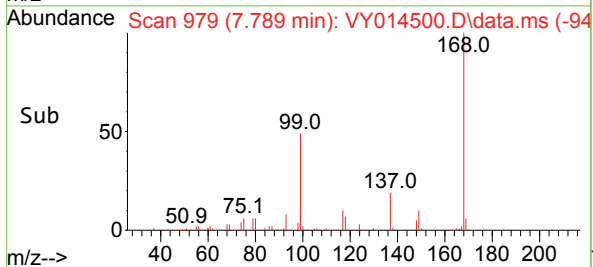
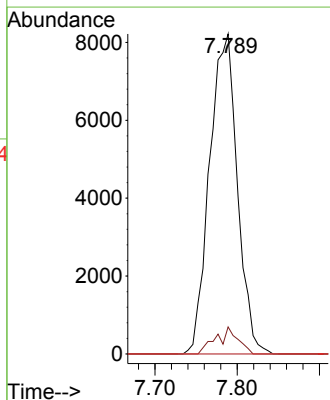
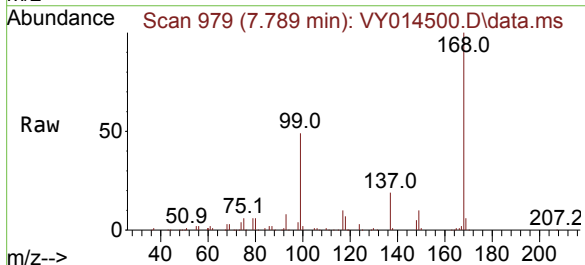
Instrument :
MSVOA_Y
ClientSampleId :
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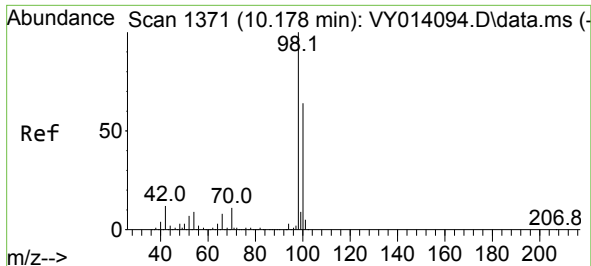
Tgt Ion: 75 Resp: 12836
Ion Ratio Lower Upper
75 100
110 13.6 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.127 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

Tgt Ion:117 Resp: 19314
Ion Ratio Lower Upper
117 100
119 8.5 76.4 114.6#
121 0.0 25.8 38.6#

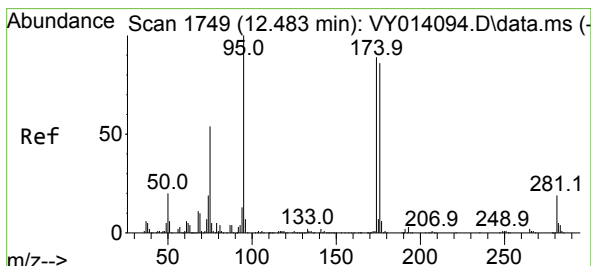
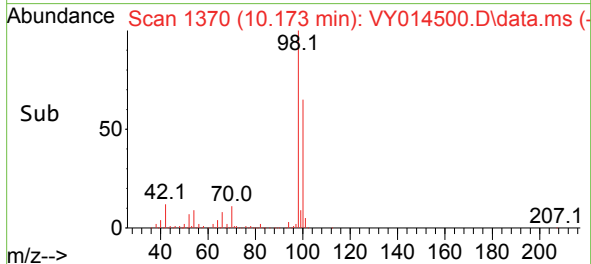
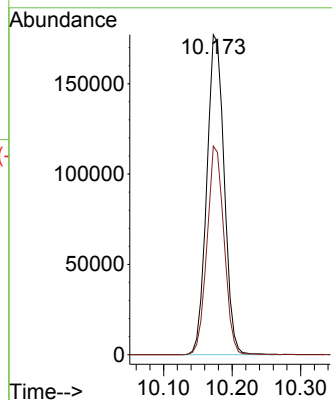
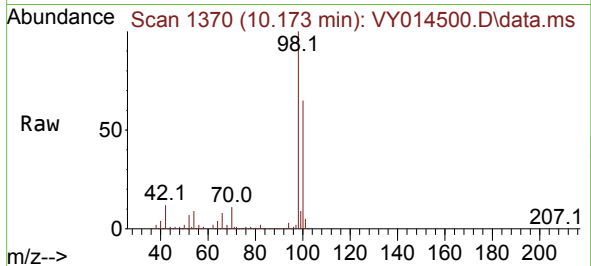




#50
Toluene-d8
Concen: 48.379 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

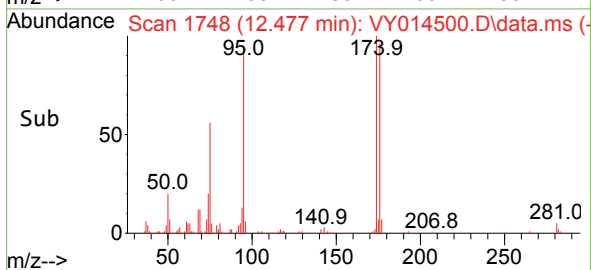
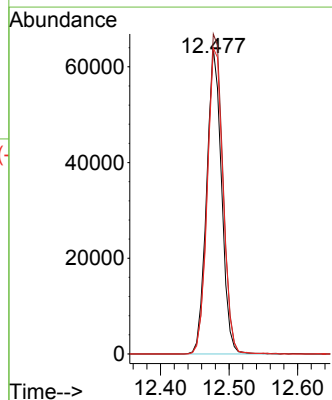
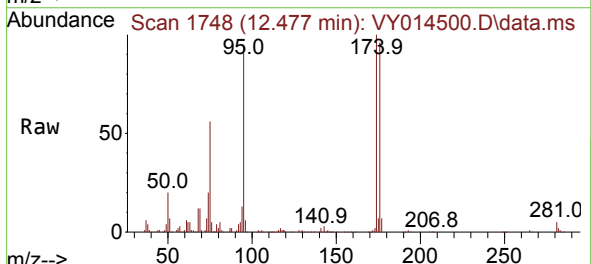
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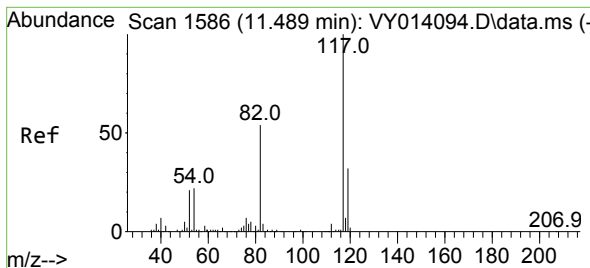
Tgt Ion: 98 Resp: 312592
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.930 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

Tgt Ion: 95 Resp: 96719
Ion Ratio Lower Upper
95 100
174 109.6 0.0 178.2
176 105.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014500.D

Acq: 29 Jun 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-011

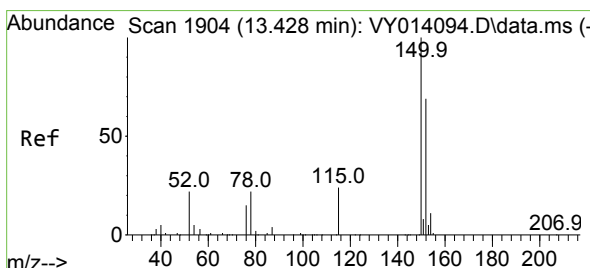
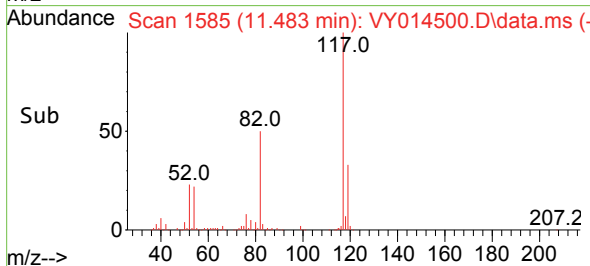
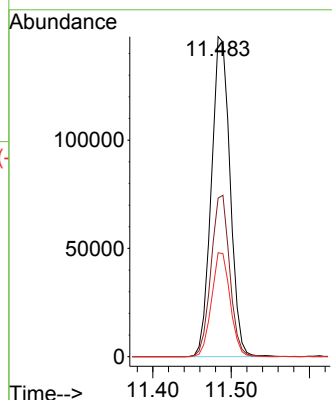
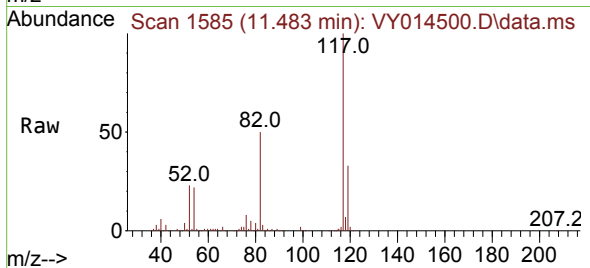
Tgt Ion:117 Resp: 245276

Ion Ratio Lower Upper

117 100

82 49.6 43.4 65.0

119 32.5 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: VY014500.D

Acq: 29 Jun 2023 16:50

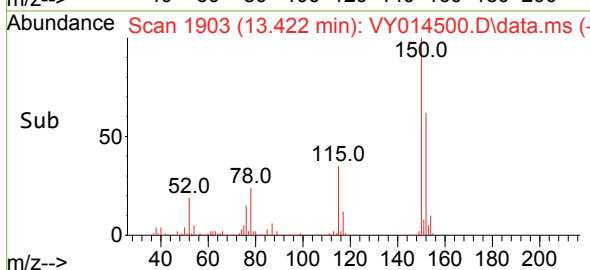
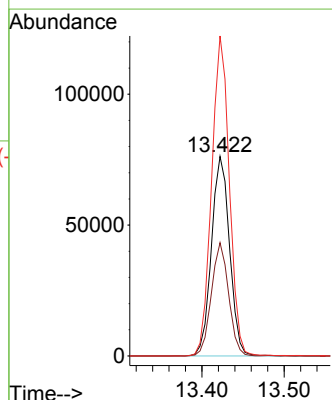
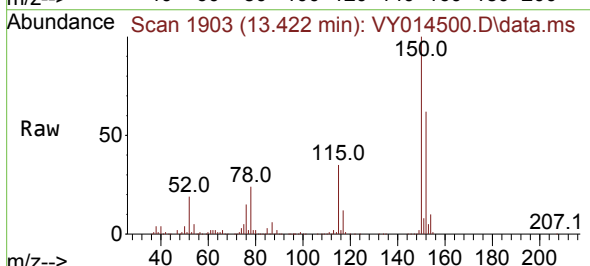
Tgt Ion:152 Resp: 116807

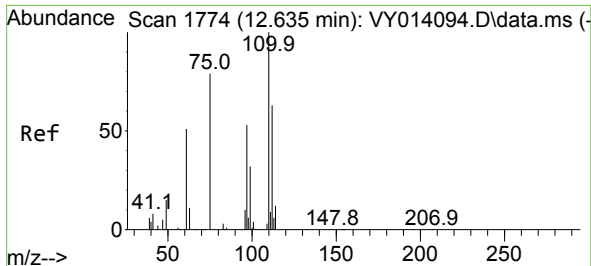
Ion Ratio Lower Upper

152 100

115 54.1 28.8 86.5

150 156.7 0.0 348.8

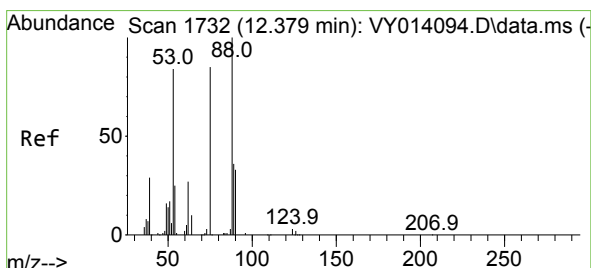
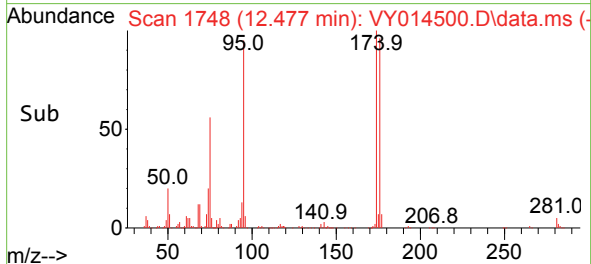
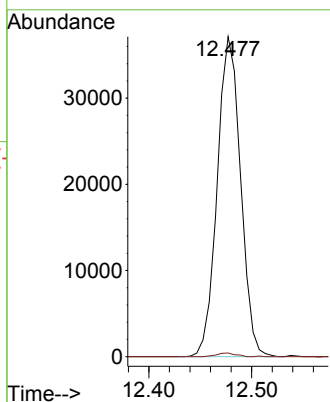
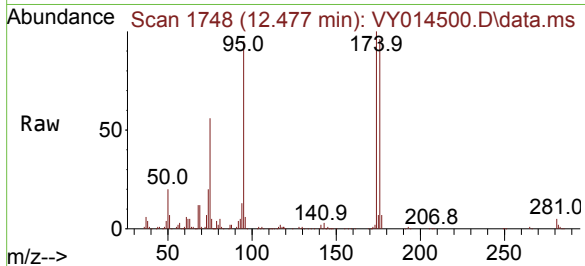




#76
1,2,3-Trichloropropane
Concen: 39.952 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

Instrument :
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ClientSampleId :
CMC-EME-TOPSOIL-011

Tgt Ion: 75 Resp: 58540
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.958 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

Tgt Ion: 75 Resp: 58540
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#

