

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014498.D
 Acq On : 29 Jun 2023 16:03
 Operator : KP/MD
 Sample : 03473-04
 Misc : 11.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-008

Quant Time: Jun 30 04:10:07 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)

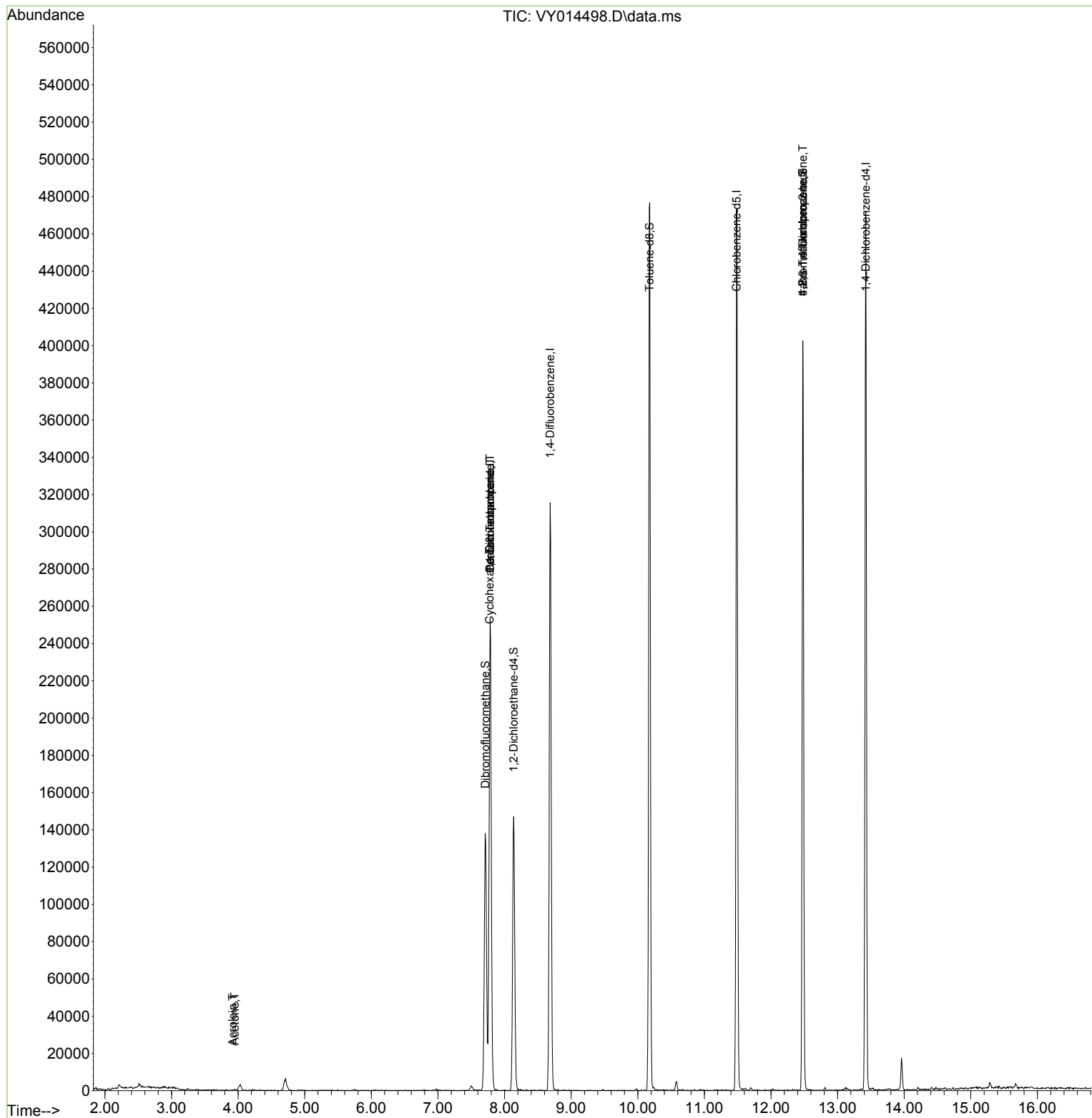
Internal Standards						
1) Pentafluorobenzene	7.783	168	195907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	250602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	138660	57.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.020%
35) Dibromofluoromethane	7.710	113	86904	51.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.820%
50) Toluene-d8	10.179	98	315814	47.456	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.477	95	100070	42.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	196	Below Cal	#	89
13) Acrolein	3.918	56	22	4.416	ug/l #	14
16) Acetone	3.948	43	920	1.202	ug/l #	46
20) Methylene Chloride	4.716	84	4436	Below Cal	#	73
31) Cyclohexane	7.777	56	4183	1.392	ug/l #	26
36) 1,1-Dichloropropene	7.783	75	13144	5.095	ug/l #	52
38) Carbon Tetrachloride	7.783	117	18764	5.780	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	61403	40.015	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61403	91.101	ug/l #	11

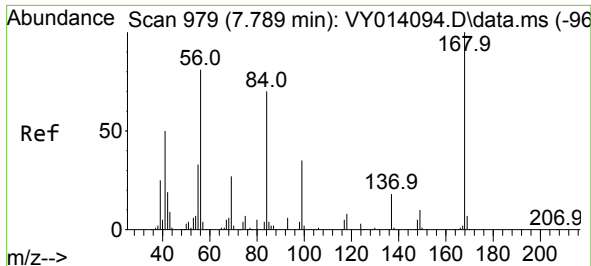
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
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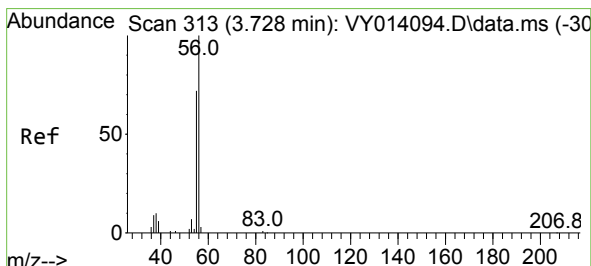
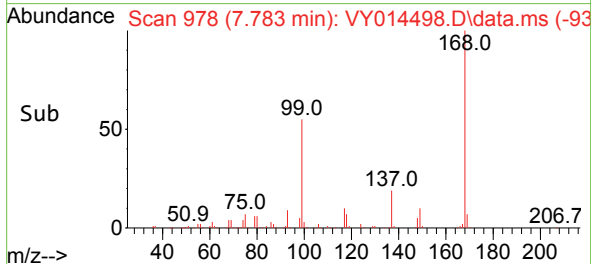
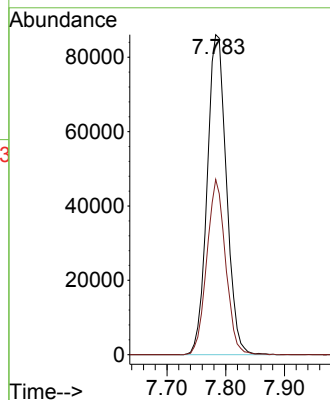
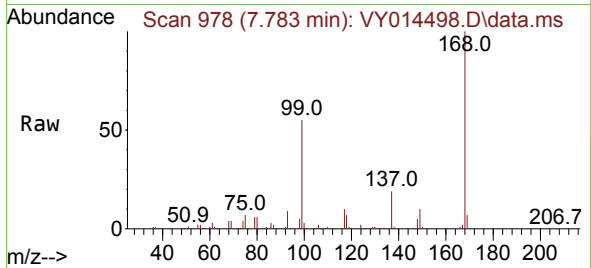




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

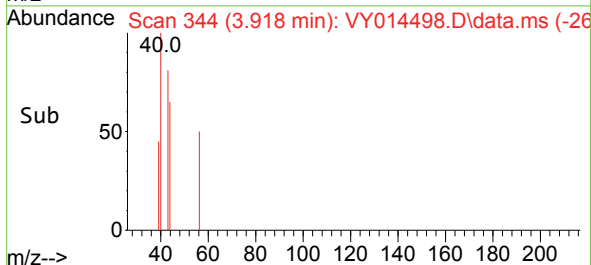
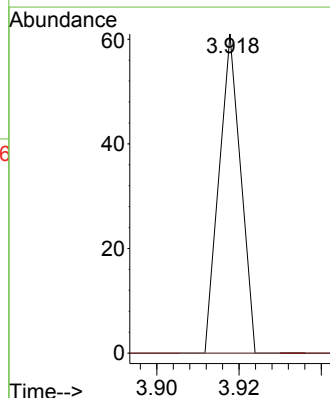
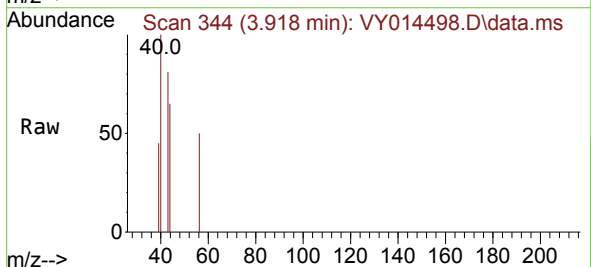
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-008

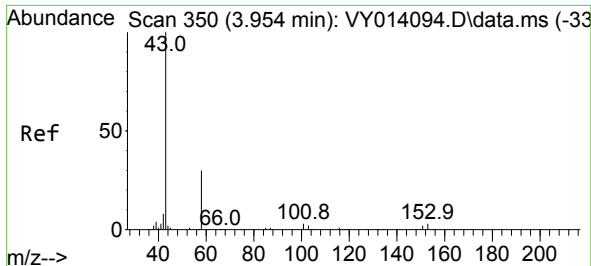
Tgt Ion:168 Resp: 195907
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#13
Acrolein
Concen: 4.416 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.190 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 1.202 ug/l

RT: 3.948 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY014498.D

Acq: 29 Jun 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

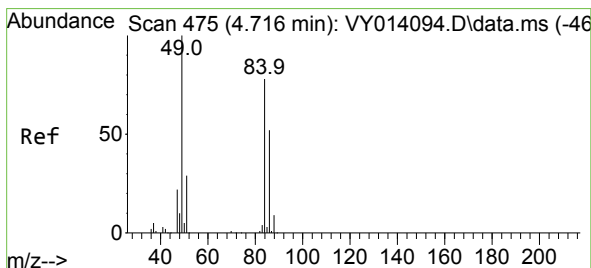
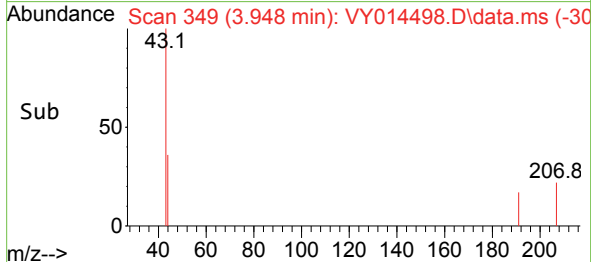
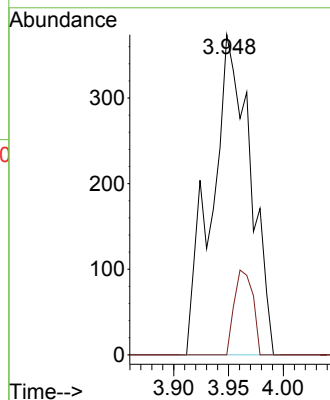
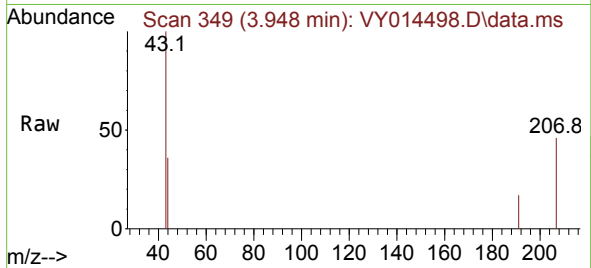
CMC-EME-TOPSOIL-008

Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014498.D

Acq: 29 Jun 2023 16:03

Tgt Ion: 84 Resp: 4436

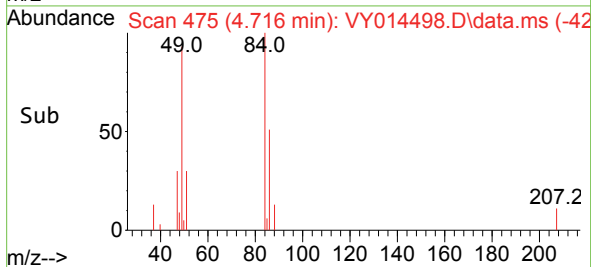
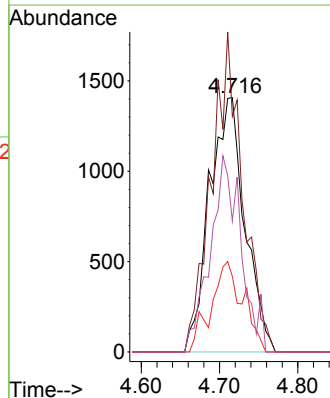
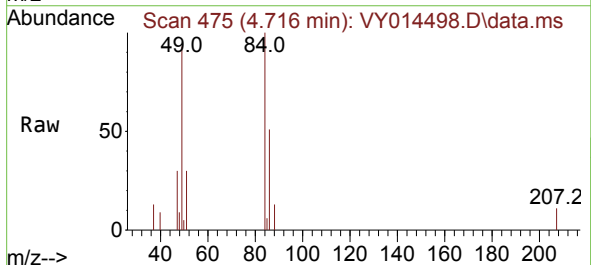
Ion Ratio Lower Upper

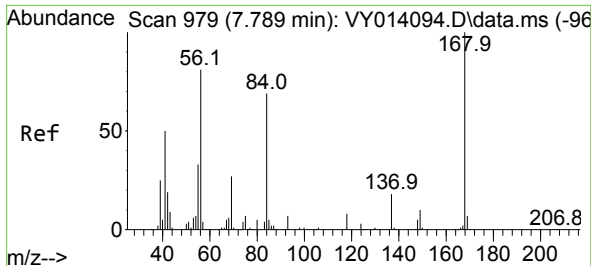
84 100

49 92.6 106.9 160.3#

51 29.7 33.2 49.8#

86 51.5 51.0 76.6

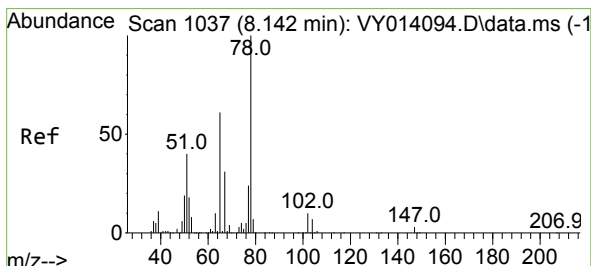
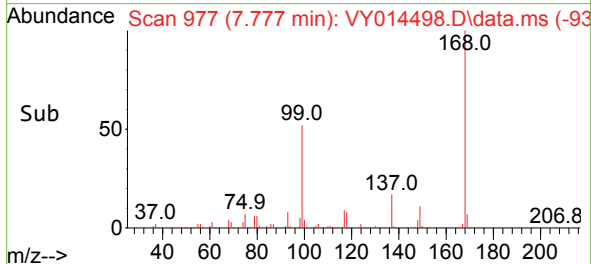
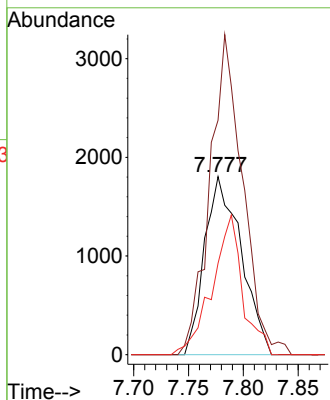
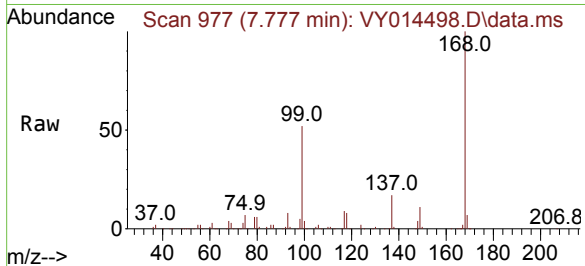




#31
Cyclohexane
Concen: 1.392 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

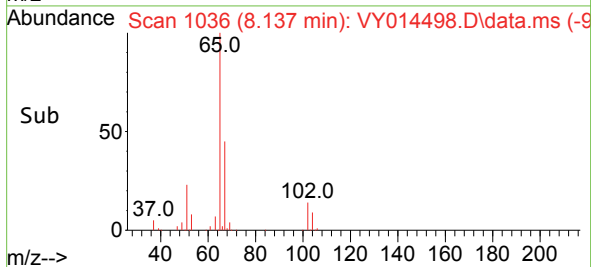
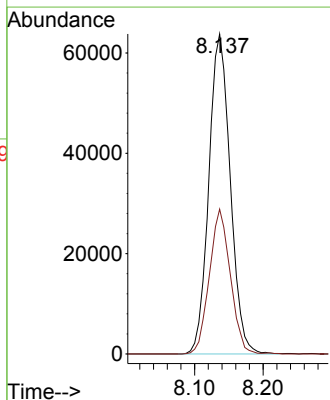
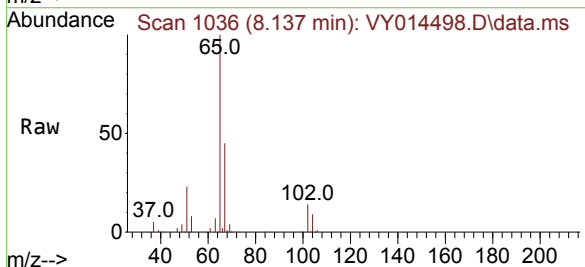
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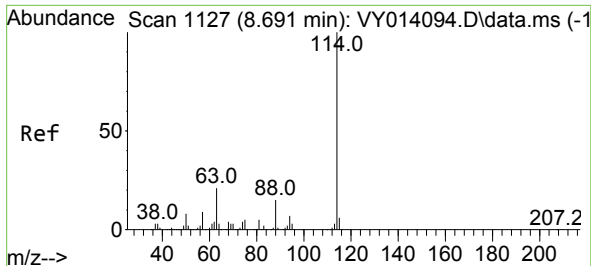
Tgt Ion: 56 Resp: 4183
Ion Ratio Lower Upper
56 100
69 131.6 27.8 41.6#
84 51.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.006 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

Tgt Ion: 65 Resp: 138660
Ion Ratio Lower Upper
65 100
67 44.1 0.0 101.8

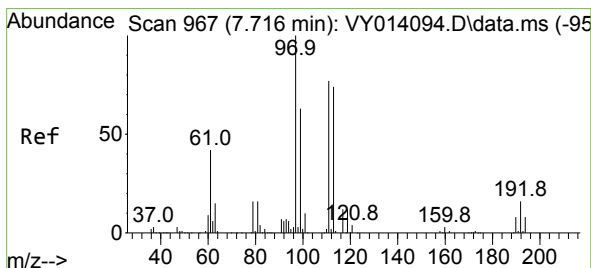
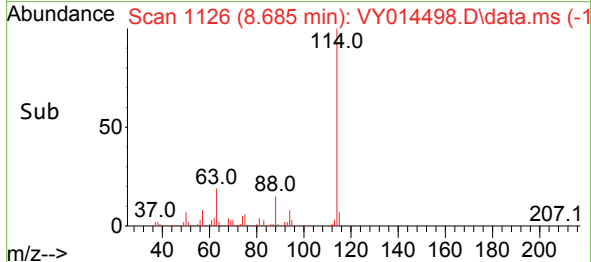
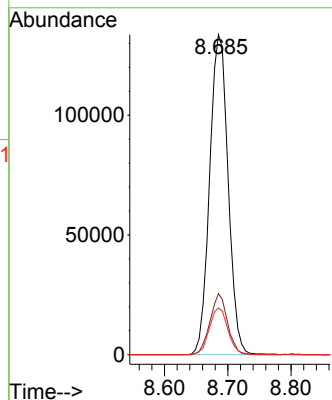
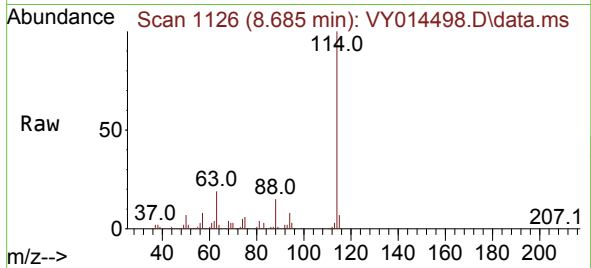




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

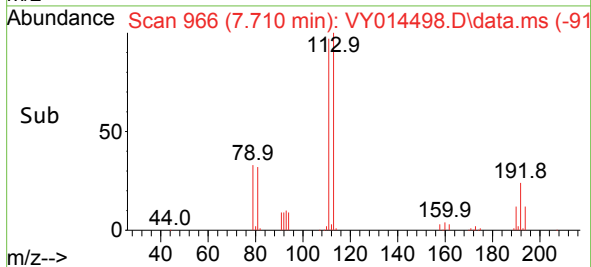
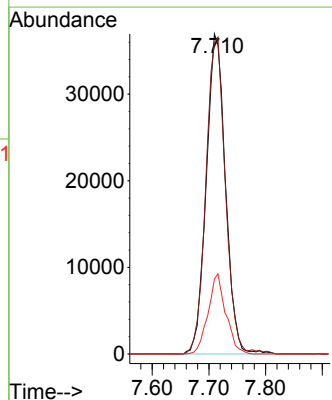
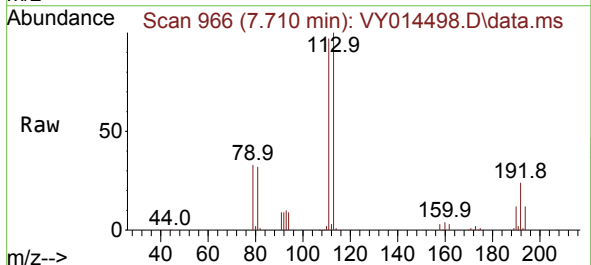
Instrument :
MSVOA_Y
ClientSampleId :
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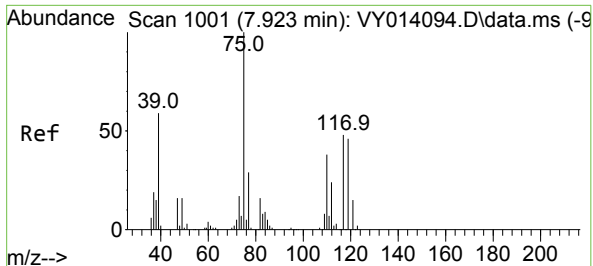
Tgt Ion:114 Resp: 270975
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.910 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

Tgt Ion:113 Resp: 86904
Ion Ratio Lower Upper
113 100
111 99.5 81.3 121.9
192 23.1 16.9 25.3

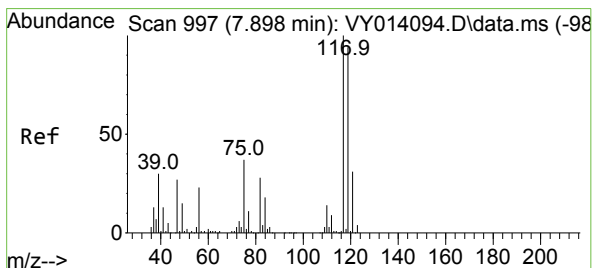
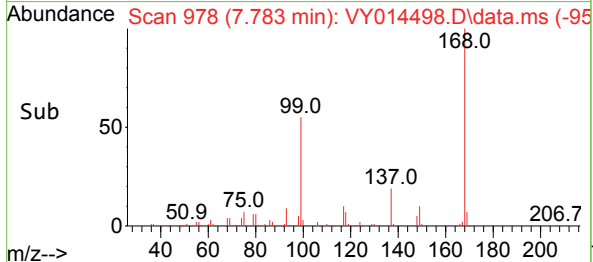
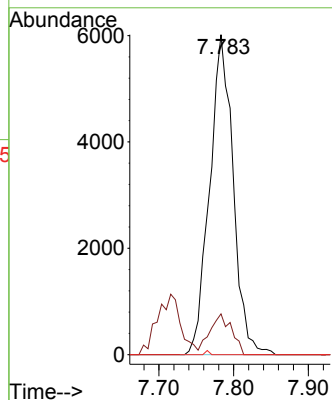
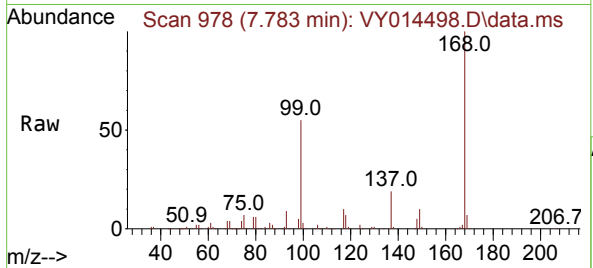




#36
1,1-Dichloropropene
Concen: 5.095 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

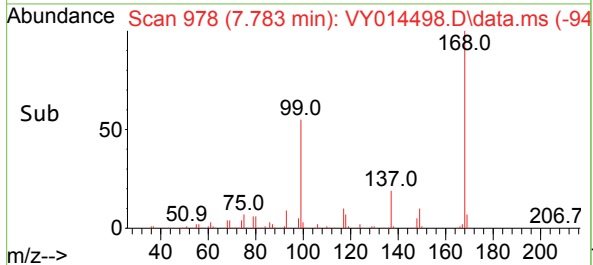
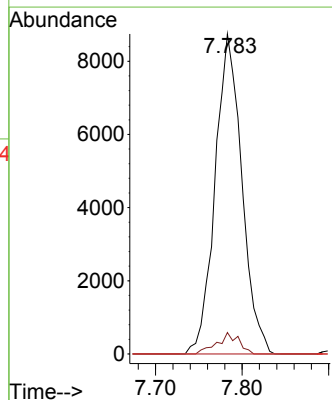
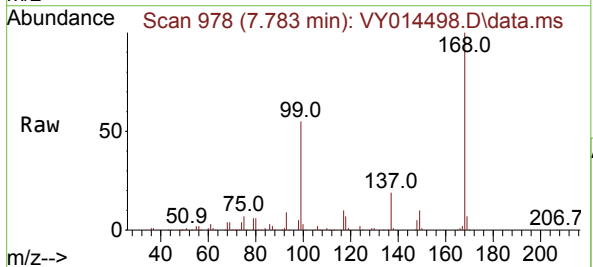
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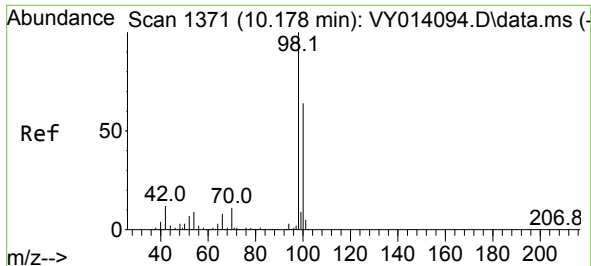
Tgt Ion: 75 Resp: 13144
Ion Ratio Lower Upper
75 100
110 11.8 17.8 53.5#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.115 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

Tgt Ion:117 Resp: 18764
Ion Ratio Lower Upper
117 100
119 6.7 76.4 114.6#
121 0.0 25.8 38.6#

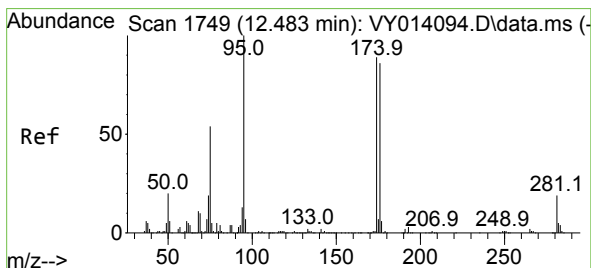
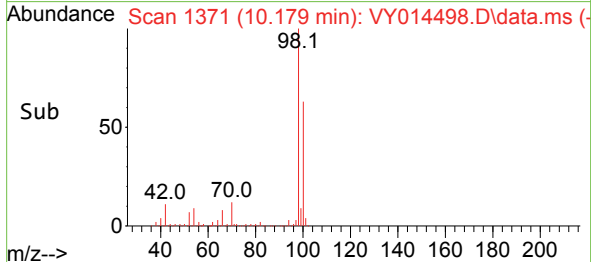
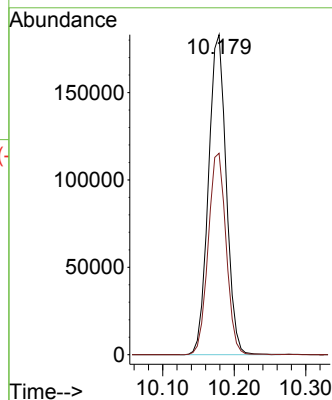
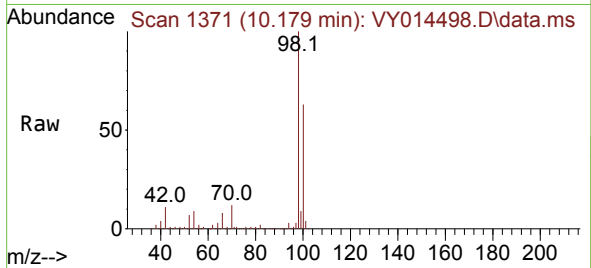




#50
Toluene-d8
Concen: 47.456 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

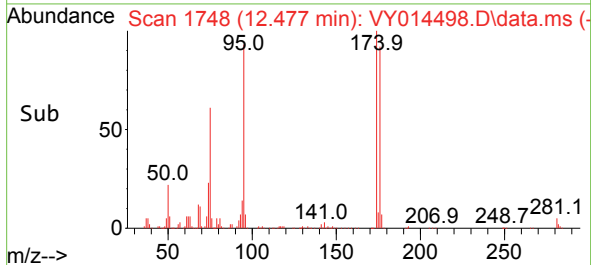
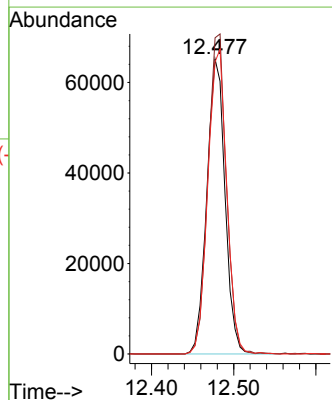
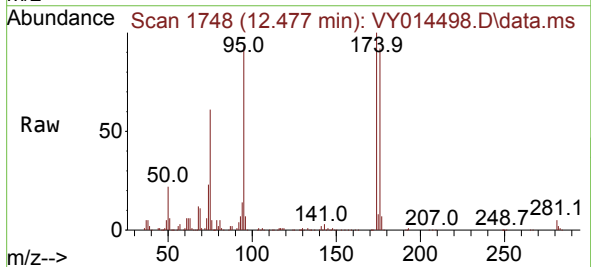
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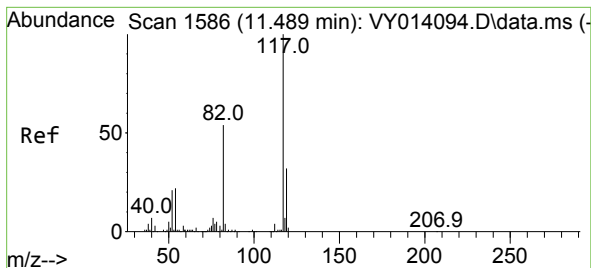
Tgt Ion: 98 Resp: 315814
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.120 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

Tgt Ion: 95 Resp: 100070
Ion Ratio Lower Upper
95 100
174 110.4 0.0 178.2
176 107.3 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: VY014498.D

Acq: 29 Jun 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-008

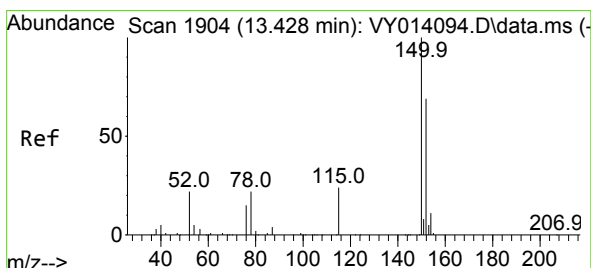
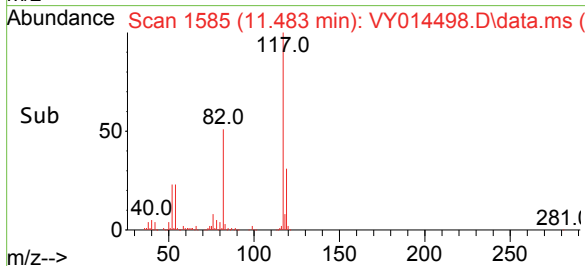
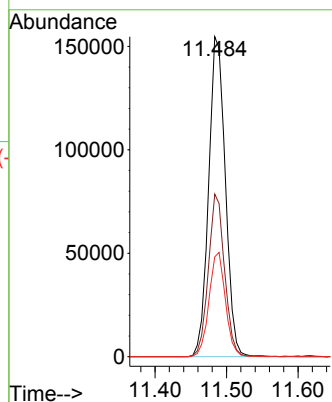
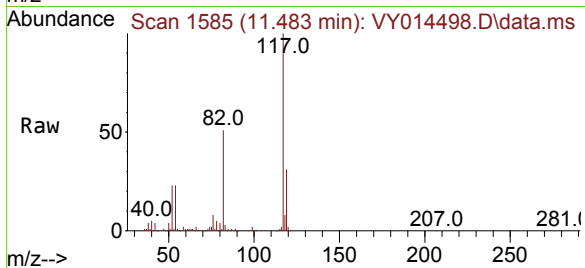
Tgt Ion:117 Resp: 250602

Ion Ratio Lower Upper

117 100

82 50.8 43.4 65.0

119 31.2 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: VY014498.D

Acq: 29 Jun 2023 16:03

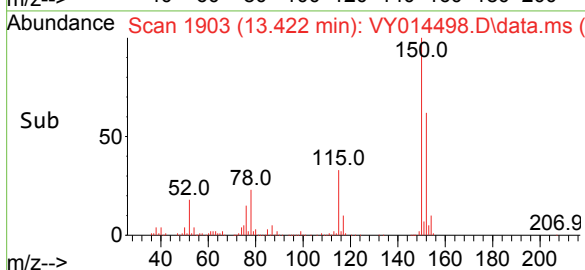
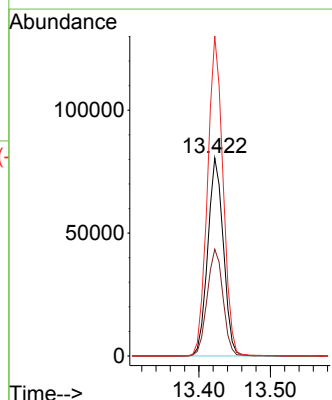
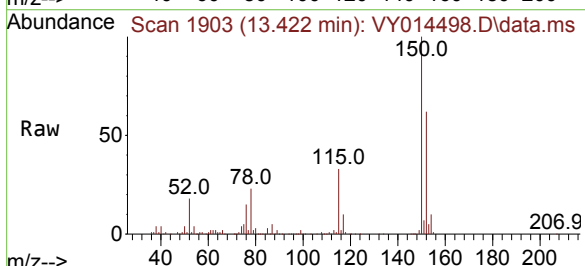
Tgt Ion:152 Resp: 122328

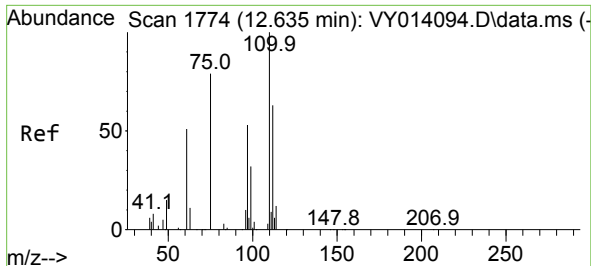
Ion Ratio Lower Upper

152 100

115 54.5 28.8 86.5

150 160.8 0.0 348.8

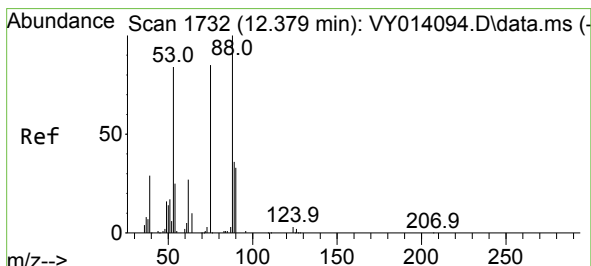
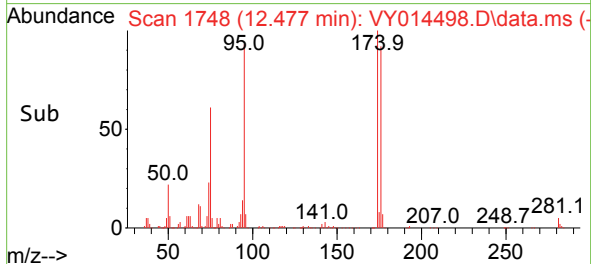
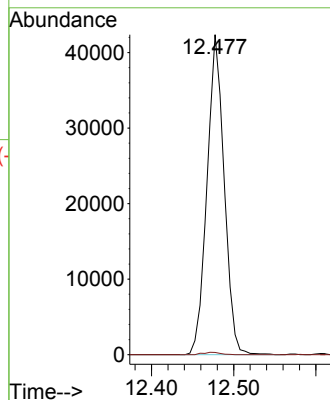
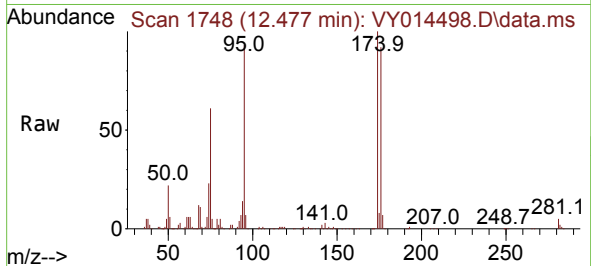




#76
1,2,3-Trichloropropane
Concen: 40.015 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-008

Tgt Ion: 75 Resp: 61403
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.101 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014498.D
Acq: 29 Jun 2023 16:03

Tgt Ion: 75 Resp: 61403
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#

