

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014138.D
 Acq On : 13 Jun 2023 14:42
 Operator : KP/MD
 Sample : 03141-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-001

Quant Time: Jun 14 01:35:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

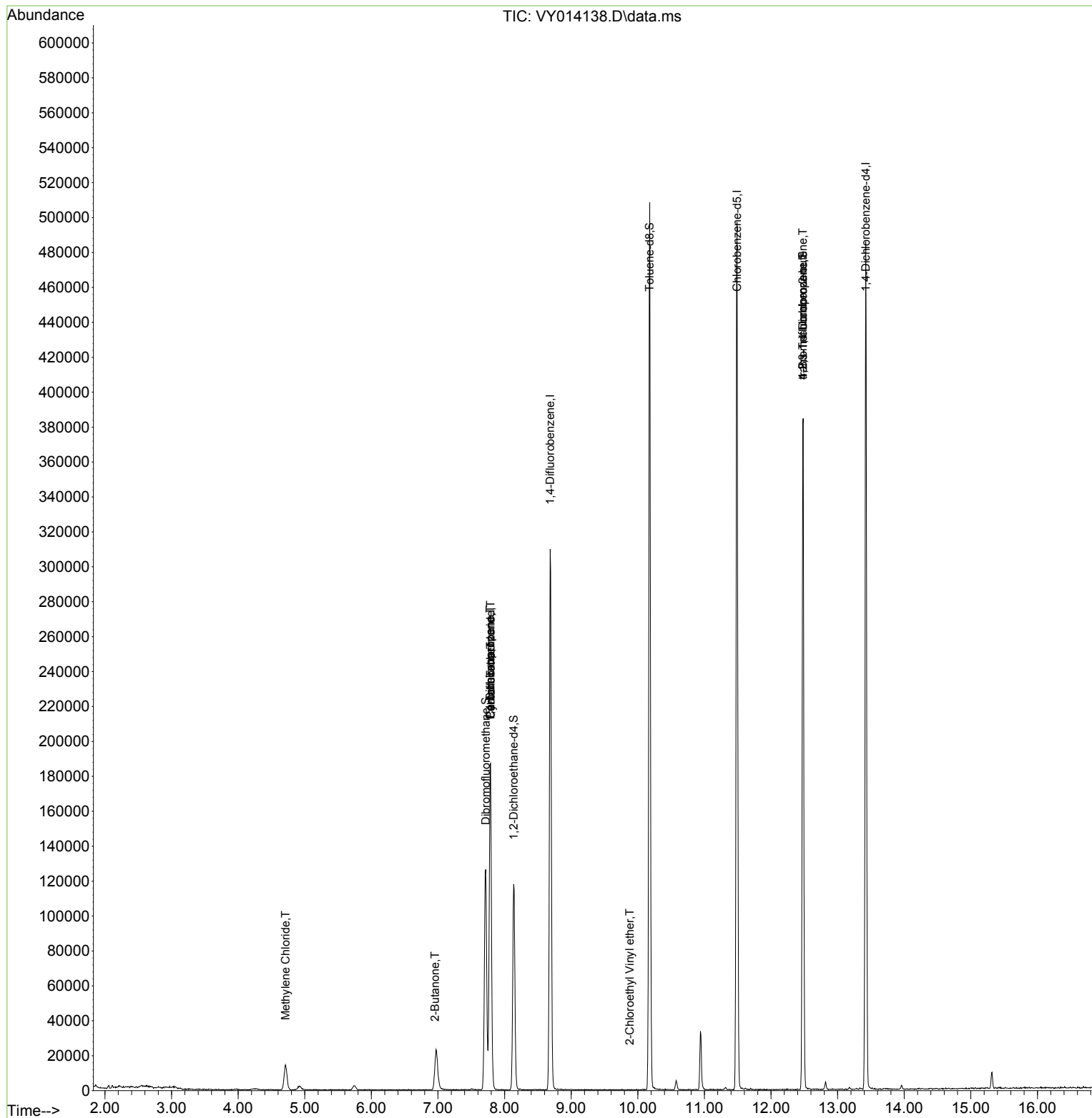
Internal Standards						
1) Pentafluorobenzene	7.789	168	147884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99761	48.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.880%
35) Dibromofluoromethane	7.715	113	87290	47.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.960%
50) Toluene-d8	10.178	98	316927	46.108	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.477	95	109465	44.831	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	1215	Below Cal	#	89
13) Acrolein	3.527	56	19	Below Cal	#	14
20) Methylene Chloride	4.710	84	10444	1.815	ug/l	93
25) 2-Butanone	6.953	43	1460	1.911	ug/l #	49
31) Cyclohexane	7.789	56	3092	1.121	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	11249	3.925	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13930	4.211	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.880	63	19	28.635	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	60480	37.374	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	60480	80.788	ug/l #	11

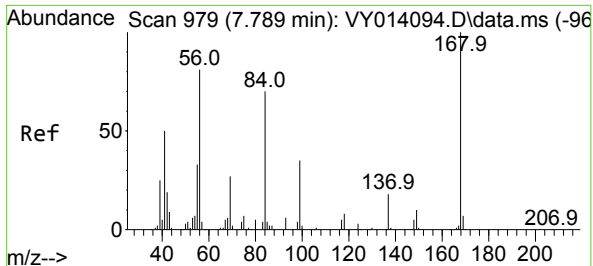
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
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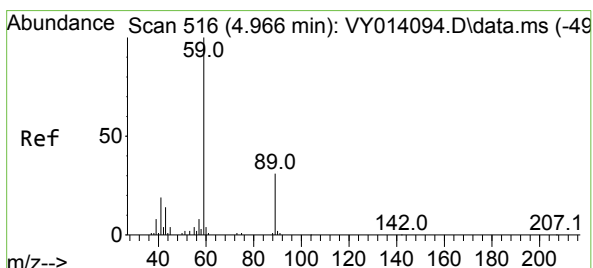
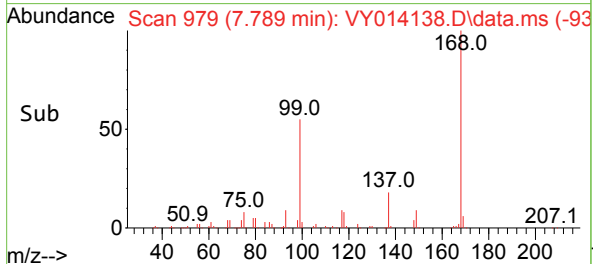
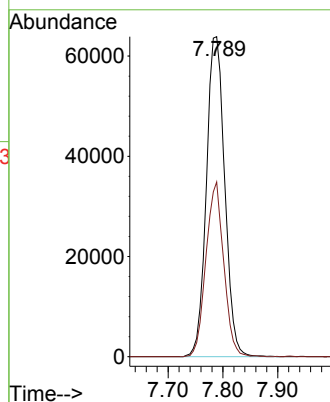
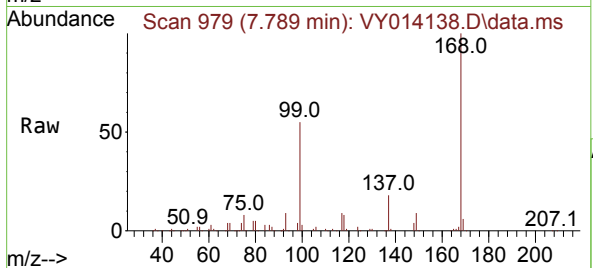




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

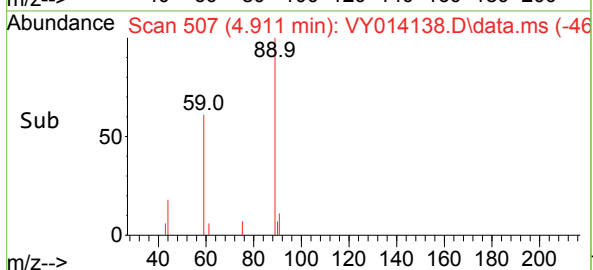
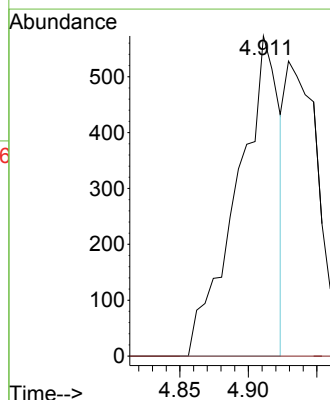
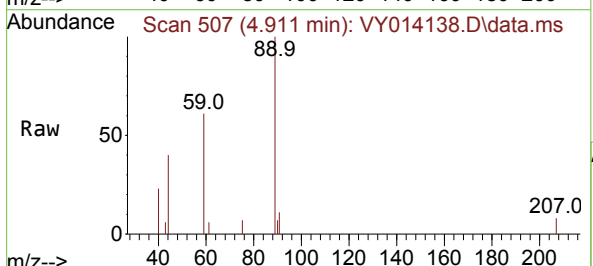
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-001

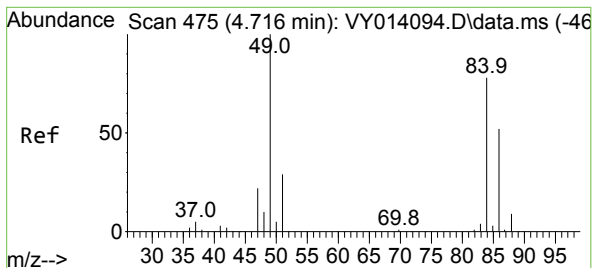
Tgt Ion:168 Resp: 147884
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.055 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

Tgt Ion: 59 Resp: 1215
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#20

Methylene Chloride

Concen: 1.815 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY014138.D

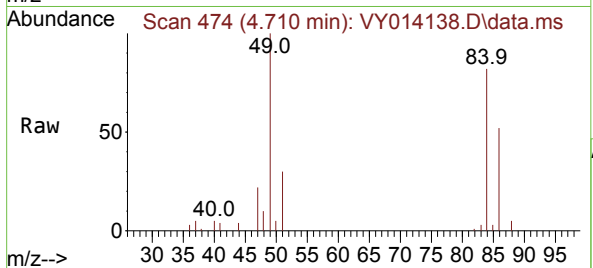
Acq: 13 Jun 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-Topsoil-001



Tgt Ion: 84 Resp: 10444

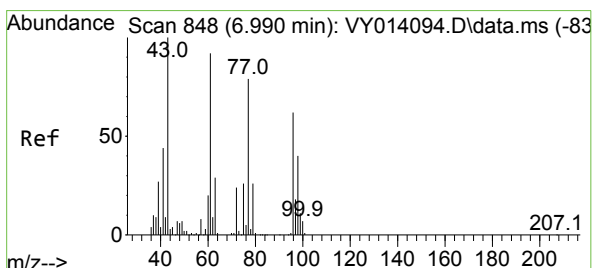
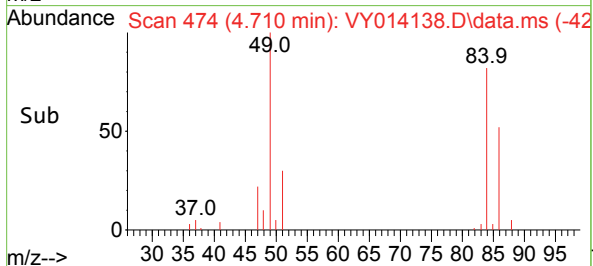
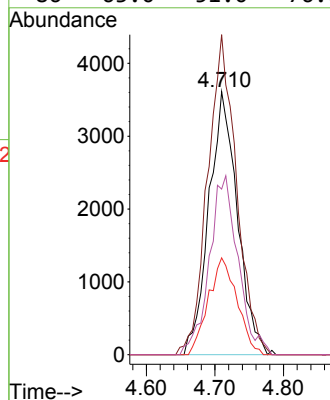
Ion Ratio Lower Upper

84 100

49 121.7 106.9 160.3

51 36.8 33.2 49.8

86 63.0 51.0 76.6



#25

2-Butanone

Concen: 1.911 ug/l

RT: 6.953 min Scan# 842

Delta R.T. -0.037 min

Lab File: VY014138.D

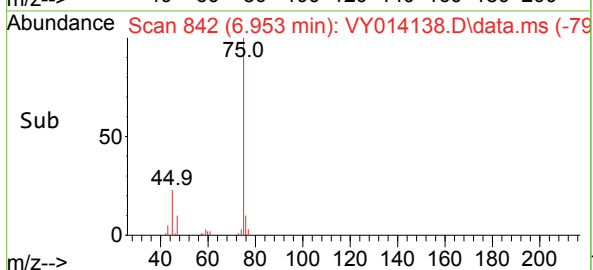
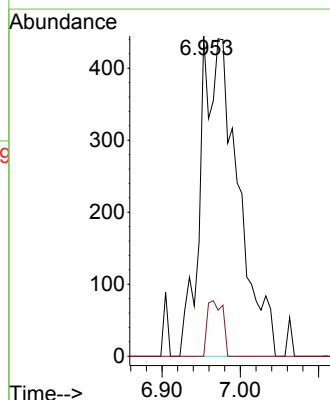
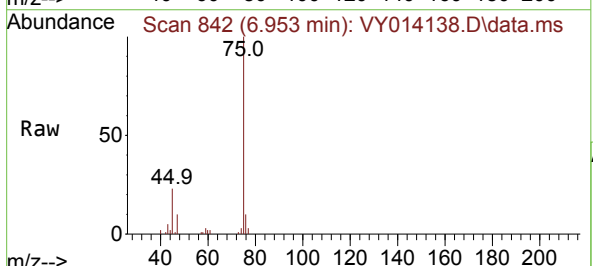
Acq: 13 Jun 2023 14:42

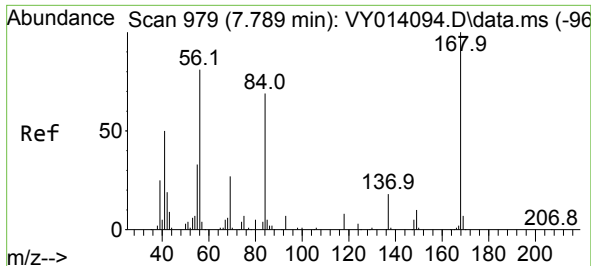
Tgt Ion: 43 Resp: 1460

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#

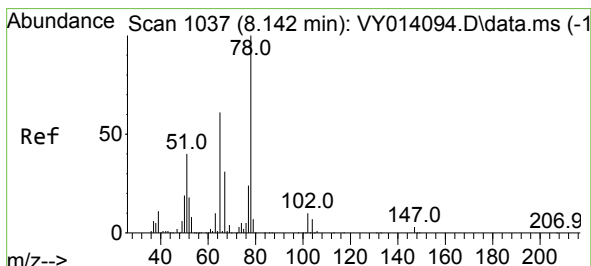
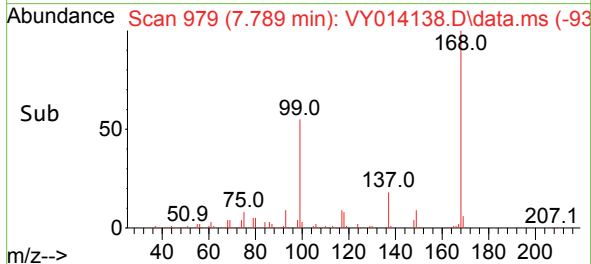
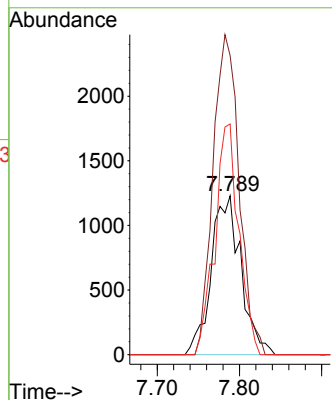
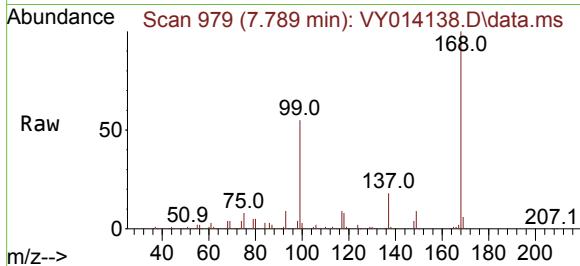




#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

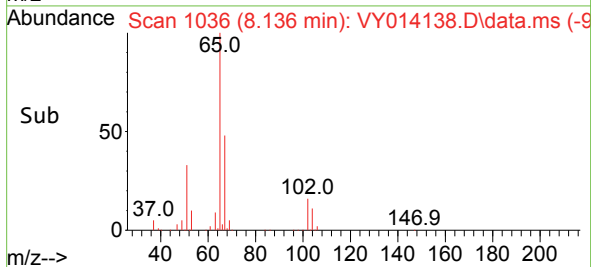
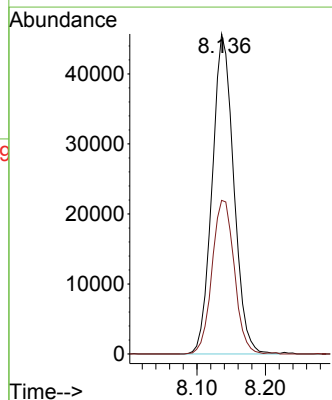
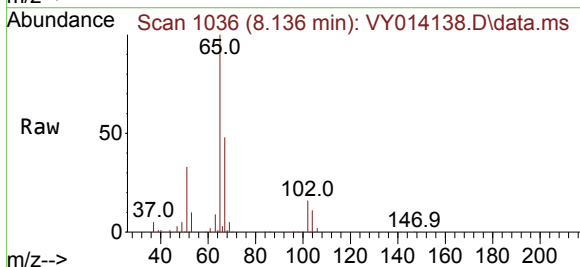
Instrument :
MSVOA_Y
ClientSampleId :
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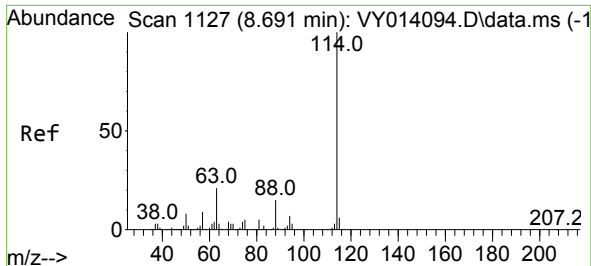
Tgt Ion: 56 Resp: 3092
Ion Ratio Lower Upper
56 100
69 188.3 27.8 41.6#
84 145.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 48.444 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

Tgt Ion: 65 Resp: 99761
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

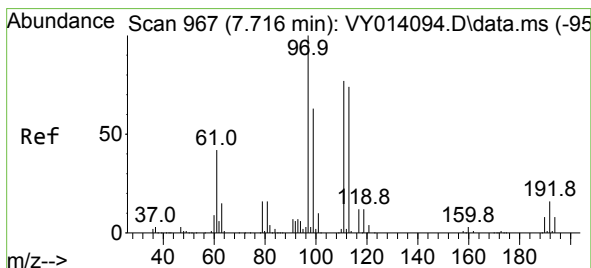
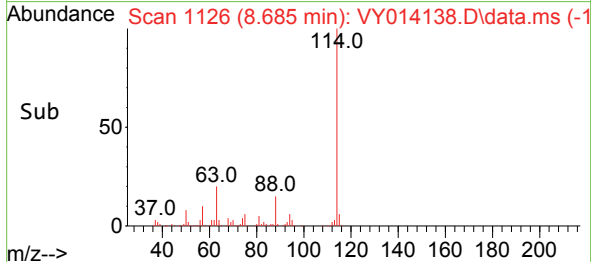
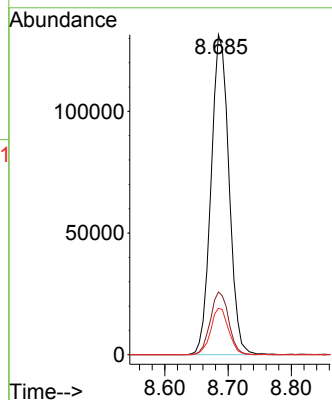
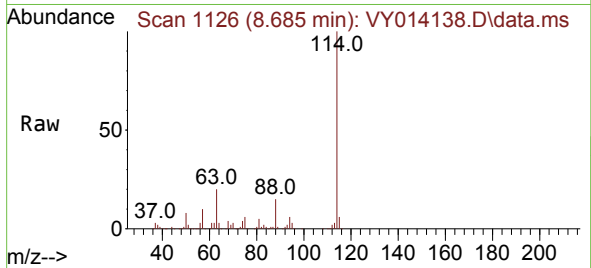




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

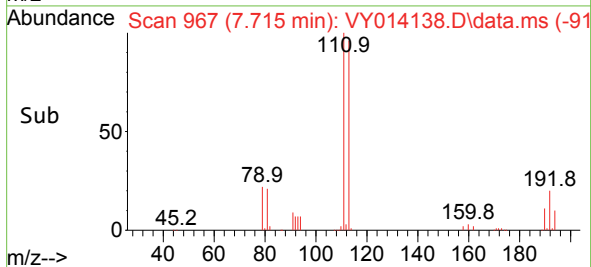
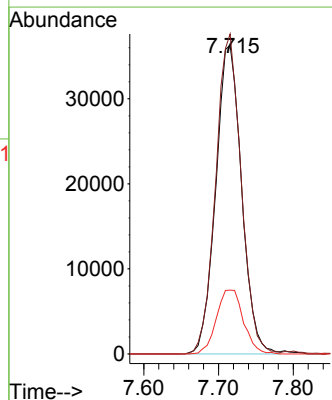
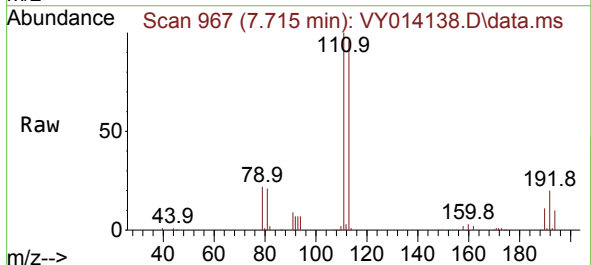
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-001

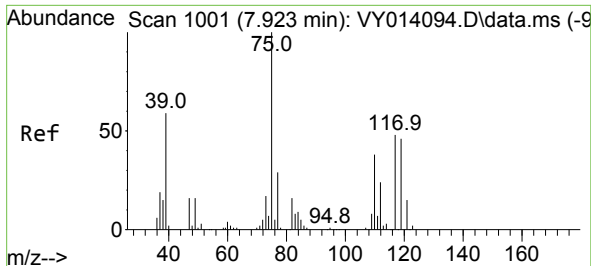
Tgt Ion:114 Resp: 259251
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.478 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

Tgt Ion:113 Resp: 87290
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 21.6 16.9 25.3

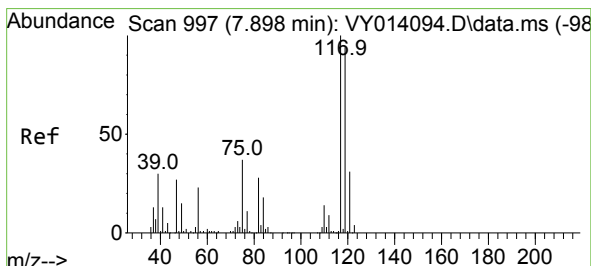
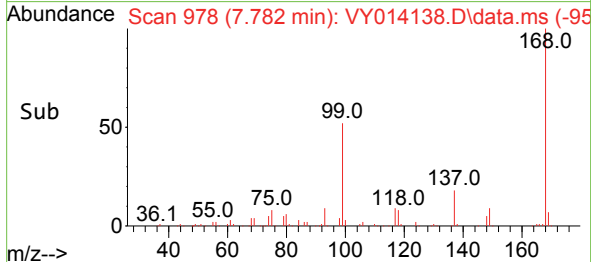
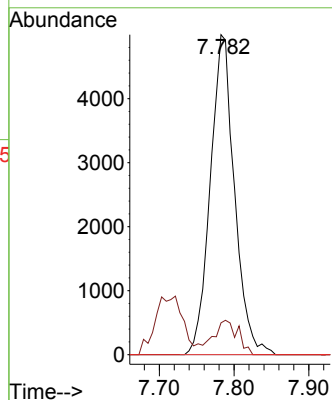
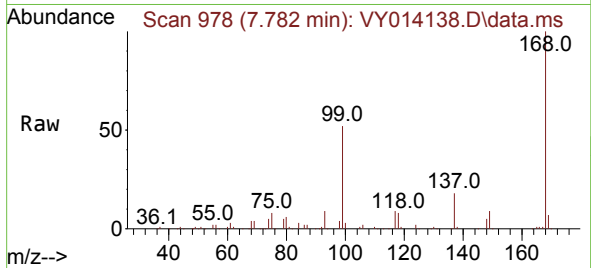




#36
1,1-Dichloropropene
Concen: 3.925 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.141 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

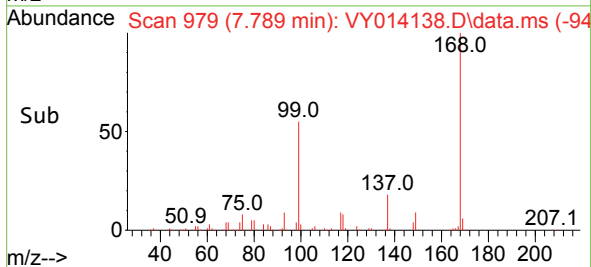
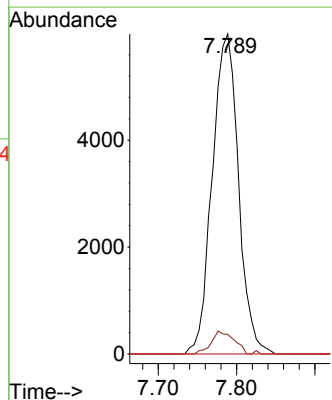
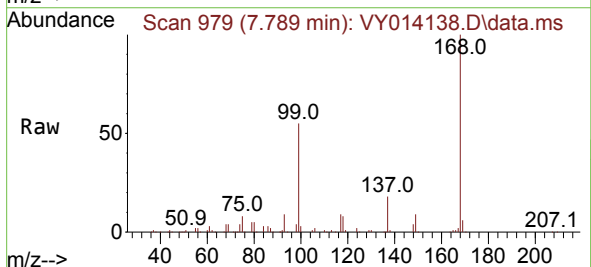
Instrument :
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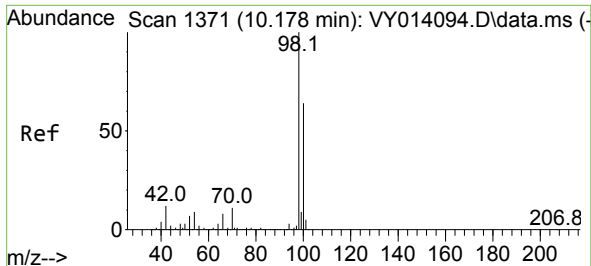
Tgt Ion: 75 Resp: 11249
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.211 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

Tgt Ion: 117 Resp: 13930
Ion Ratio Lower Upper
117 100
119 6.1 76.4 114.6#
121 0.0 25.8 38.6#

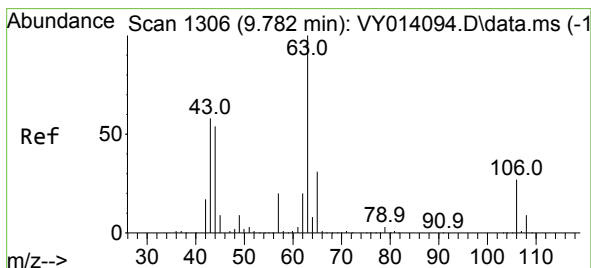
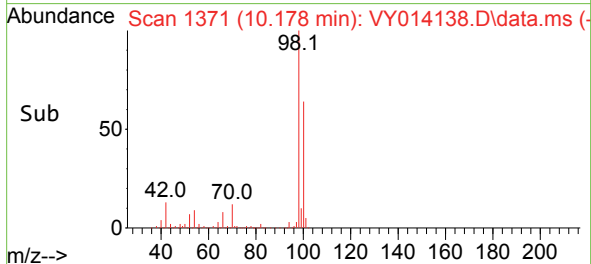
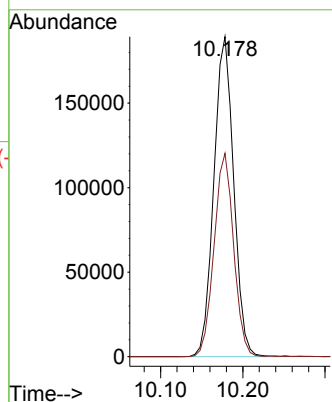
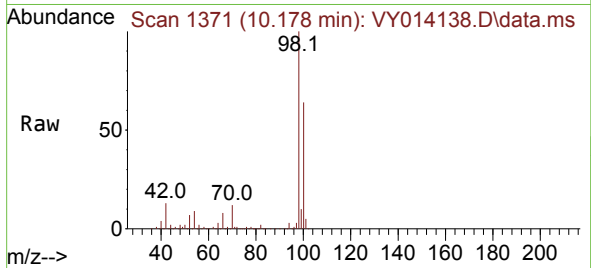




#50
Toluene-d8
Concen: 46.108 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

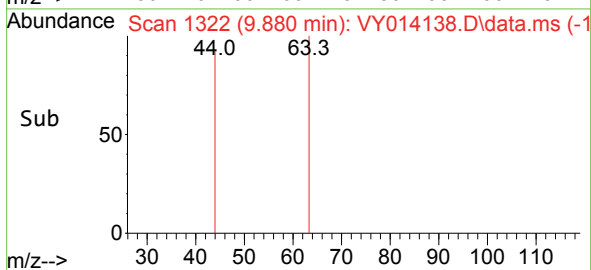
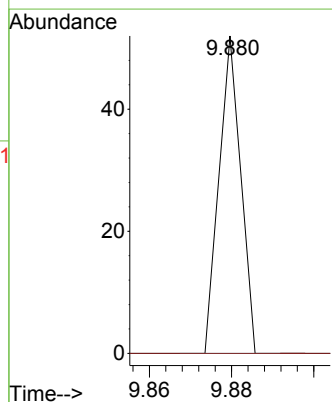
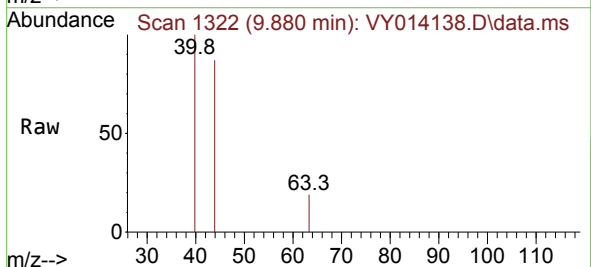
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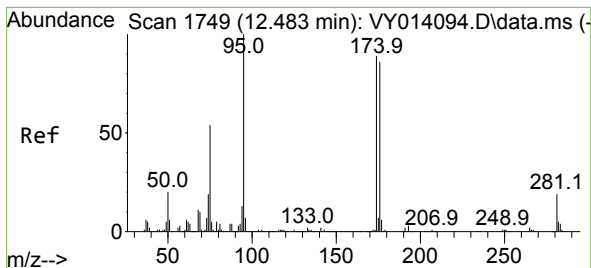
Tgt Ion: 98 Resp: 316927
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1



#58
2-Chloroethyl Vinyl ether
Concen: 28.635 ug/l
RT: 9.880 min Scan# 1322
Delta R.T. 0.098 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#

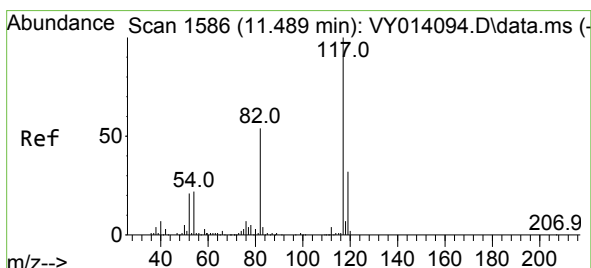
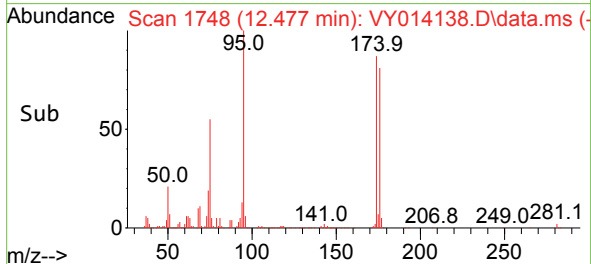
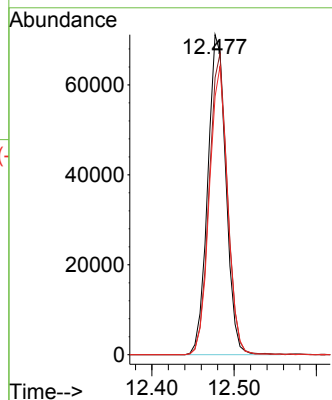
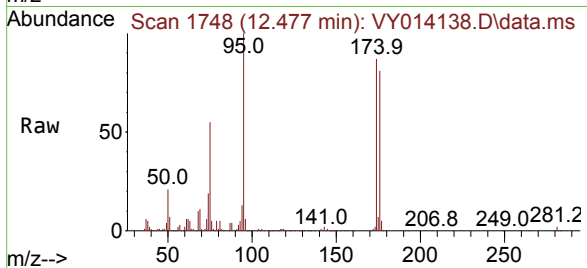




#62
4-Bromofluorobenzene
Concen: 44.831 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

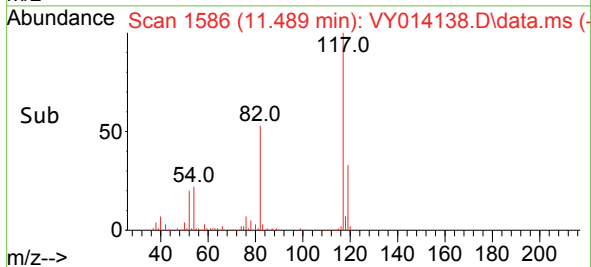
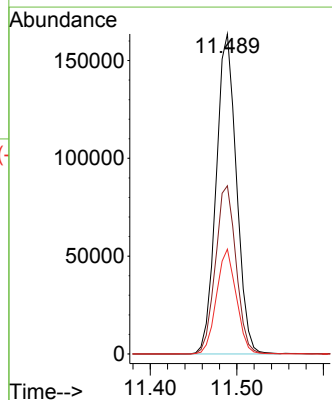
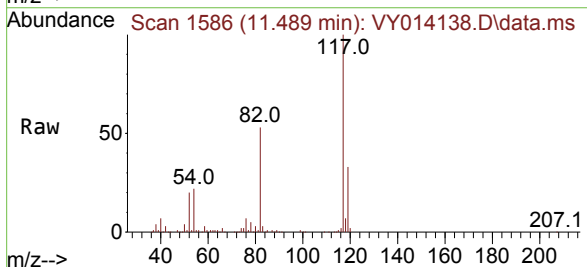
Instrument :
MSVOA_Y
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CMC-EME-Topsoil-001

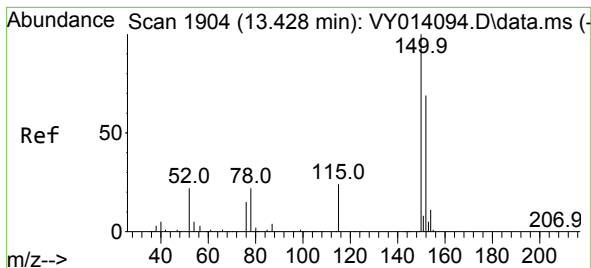
Tgt Ion: 95 Resp: 109465
Ion Ratio Lower Upper
95 100
174 94.9 0.0 178.2
176 90.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014138.D
Acq: 13 Jun 2023 14:42

Tgt Ion: 117 Resp: 266349
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.7 26.3 39.5

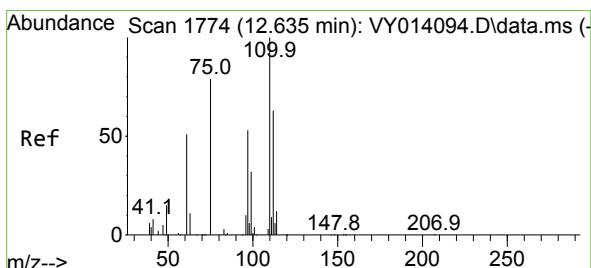
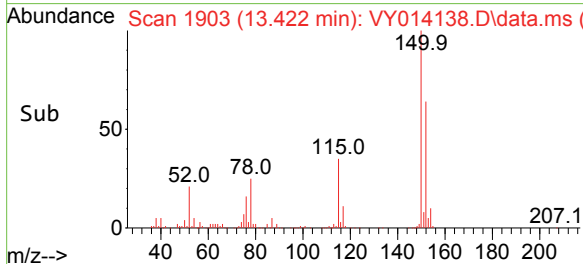
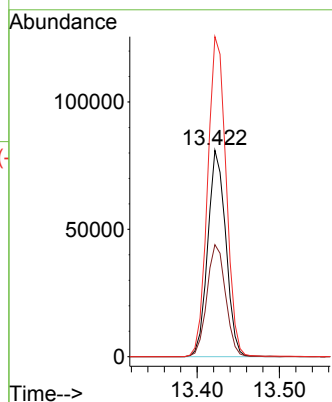
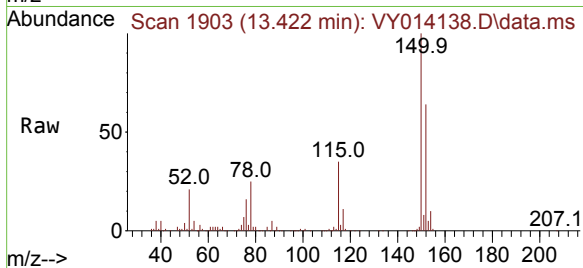




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014138.D
 Acq: 13 Jun 2023 14:42

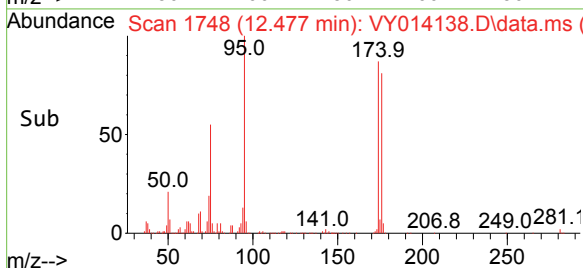
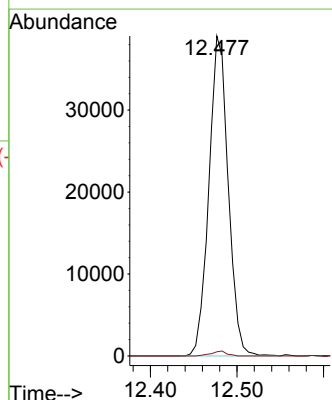
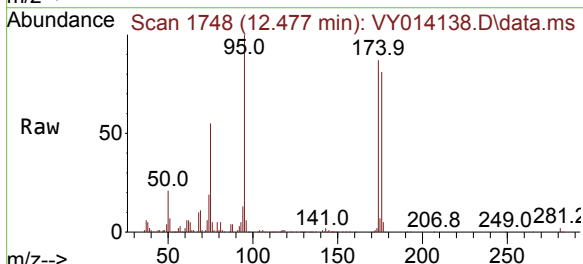
Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-001

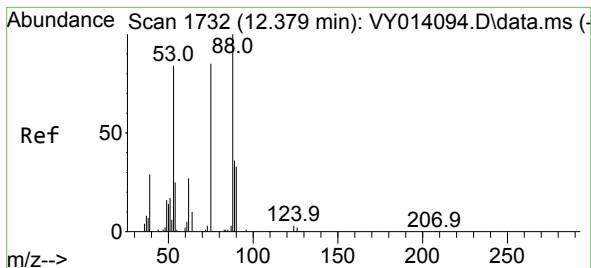
Tgt Ion:152 Resp: 123344
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.8 86.5
 150 158.8 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.374 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014138.D
 Acq: 13 Jun 2023 14:42

Tgt Ion: 75 Resp: 60480
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.788 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014138.D
 Acq: 13 Jun 2023 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-001

Tgt Ion: 75 Resp: 60480
 Ion Ratio Lower Upper
 75 100
 53 0.4 77.8 116.8#
 89 0.0 37.4 56.0#

