

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014128.D
 Acq On : 12 Jun 2023 18:16
 Operator : KP/MD
 Sample : 03141-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-004

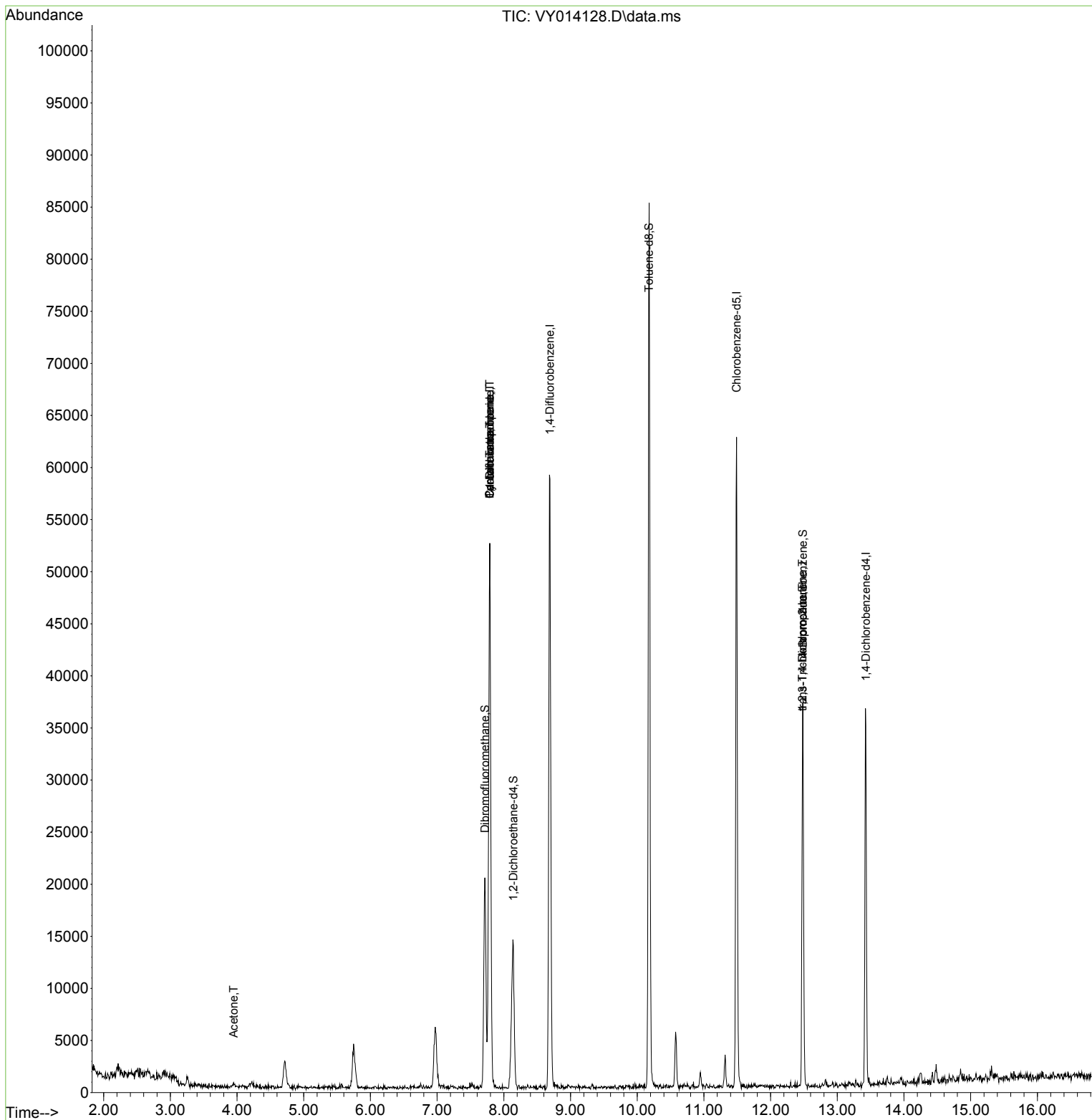
Quant Time: Jun 13 05:45:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	40129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	50652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	33246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10283	18.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	36.800%#
35) Dibromofluoromethane	7.716	113	13434	37.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.800%
50) Toluene-d8	10.179	98	56779	42.279	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.560%
62) 4-Bromofluorobenzene	12.483	95	9778	20.497	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	42	Below Cal	#	89
16) Acetone	3.948	43	414	2.458	ug/l	93
31) Cyclohexane	7.789	56	957	1.278	ug/l #	48
36) 1,1-Dichloropropene	7.789	75	2891	5.162	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3688	5.707	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	5115	41.383	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5115	89.454	ug/l #	10

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

Quant Time: Jun 13 05:45:17 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

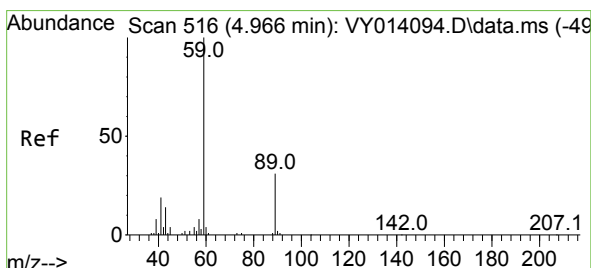
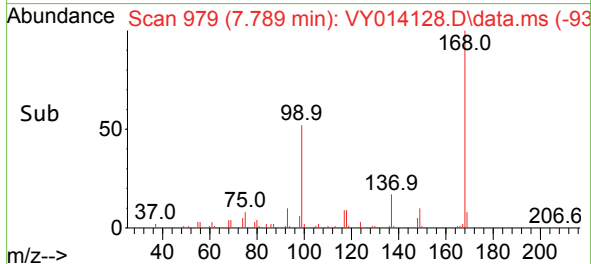
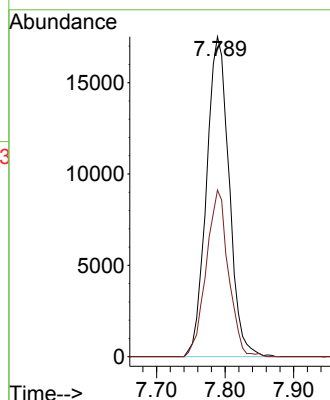
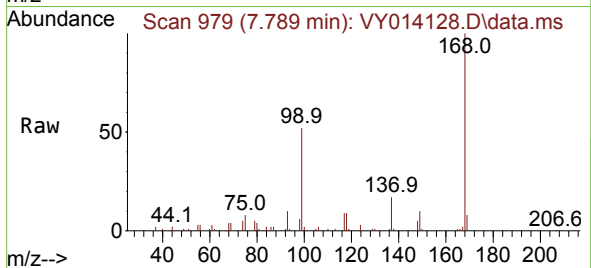




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

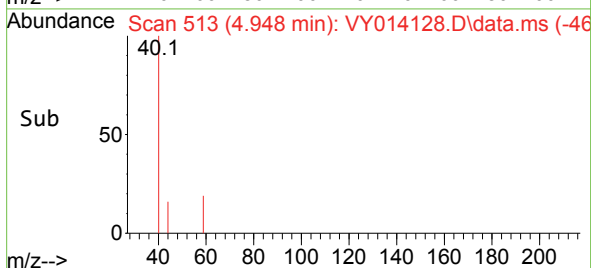
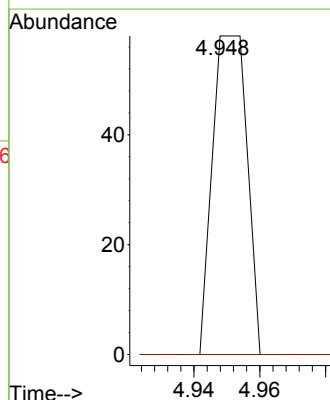
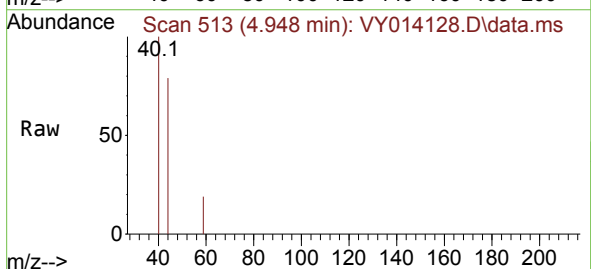
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-004

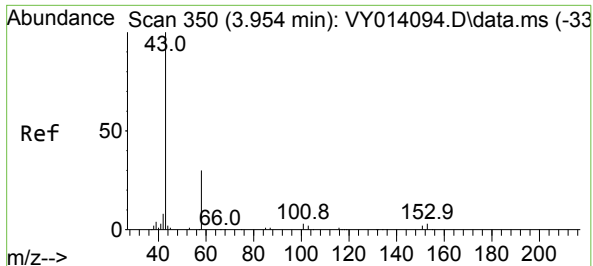
Tgt Ion:168 Resp: 40129
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

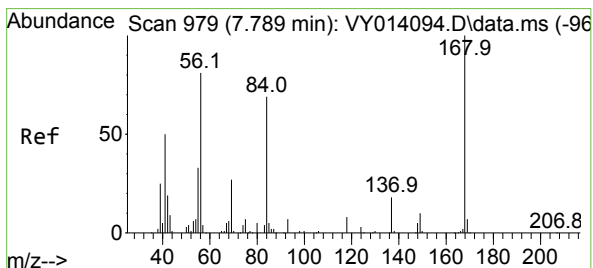
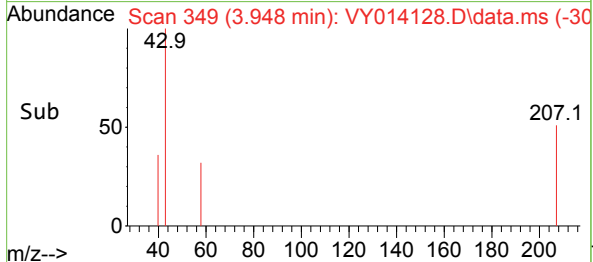
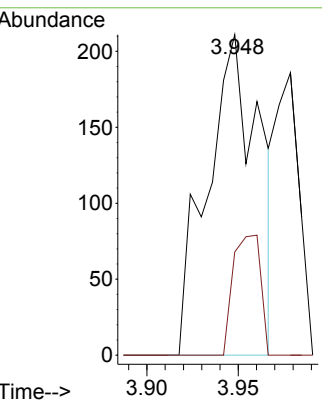
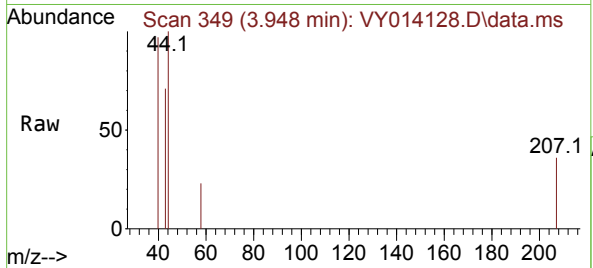




#16
Acetone
Concen: 2.458 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

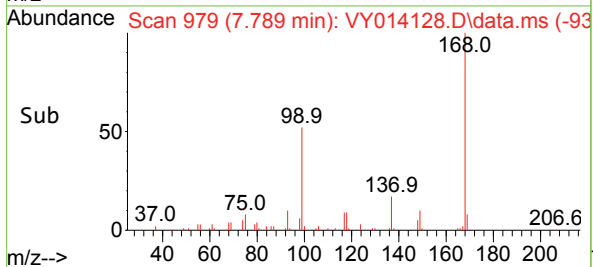
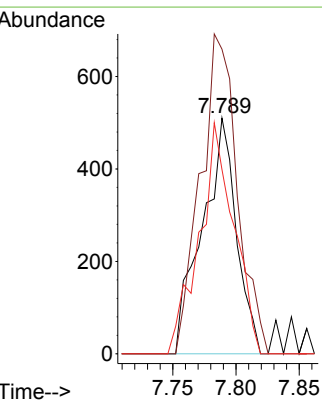
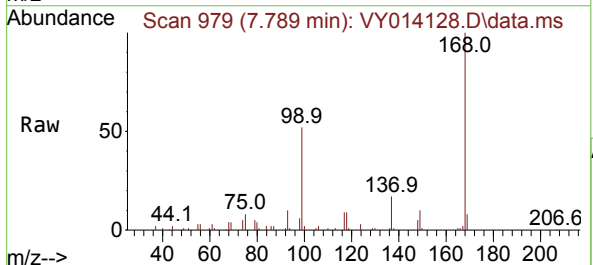
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-004

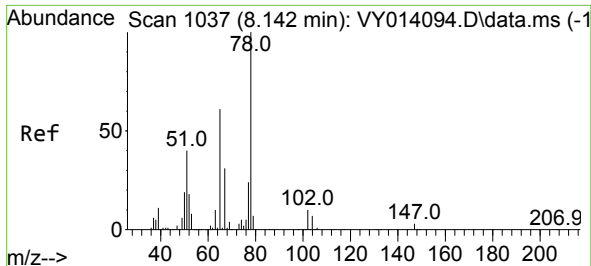
Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1



#31
Cyclohexane
Concen: 1.278 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

Tgt Ion: 56 Resp: 957
Ion Ratio Lower Upper
56 100
69 129.2 27.8 41.6#
84 78.2 66.4 99.6

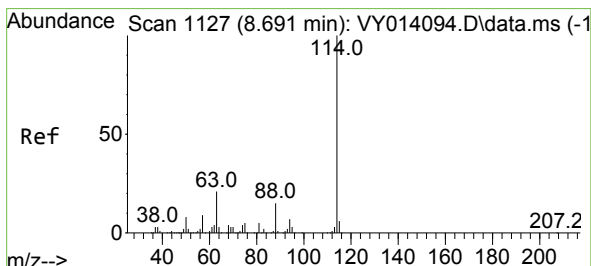
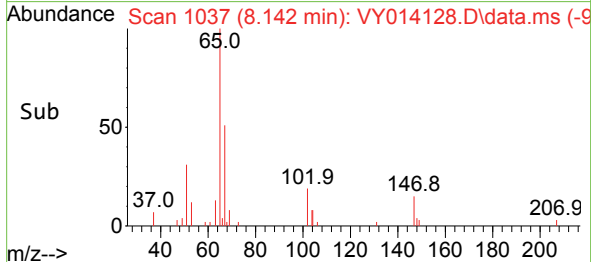
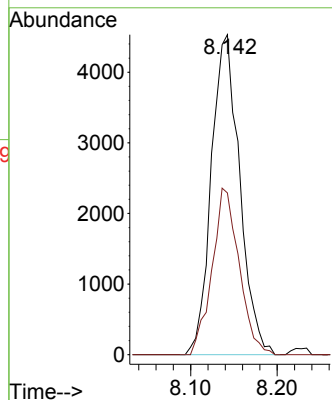
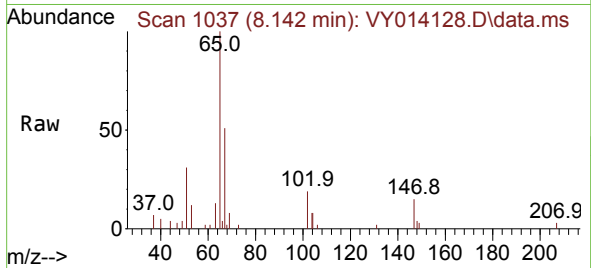




#33
 1,2-Dichloroethane-d4
 Concen: 18.402 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014128.D
 Acq: 12 Jun 2023 18:16

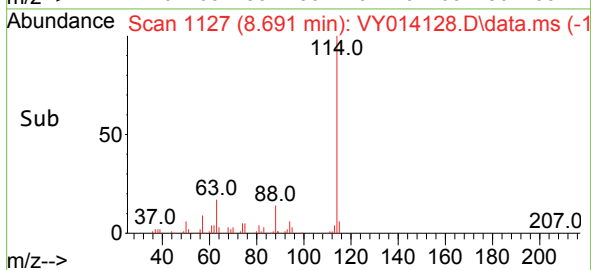
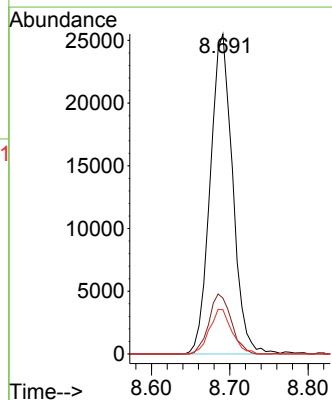
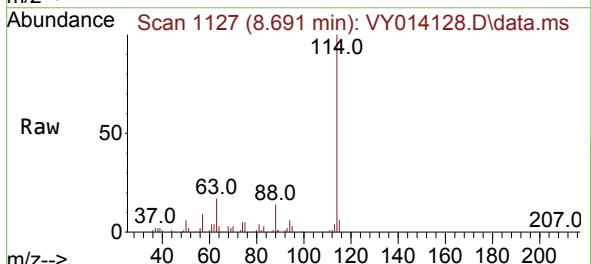
Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-004

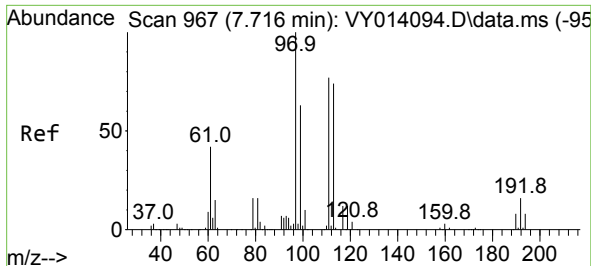
Tgt Ion: 65 Resp: 10283
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014128.D
 Acq: 12 Jun 2023 18:16

Tgt Ion: 114 Resp: 50652
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 42.4
 88 13.9 0.0 30.6

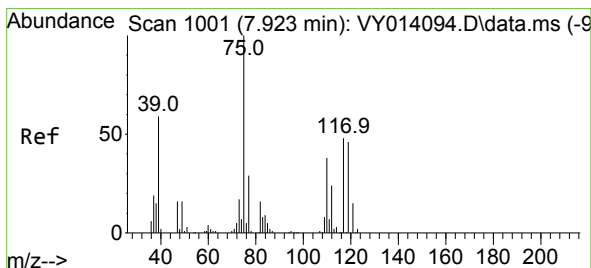
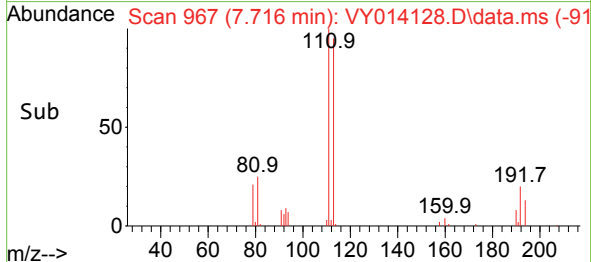
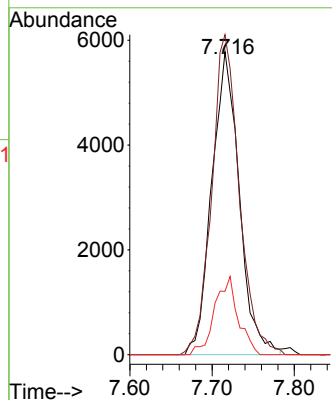
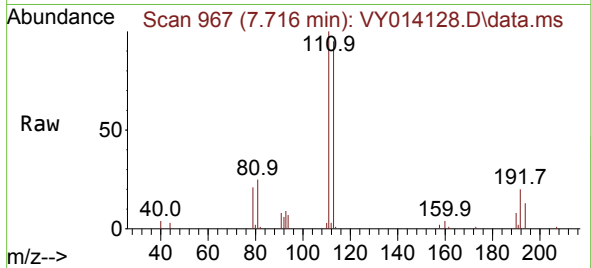




#35
Dibromofluoromethane
Concen: 37.398 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

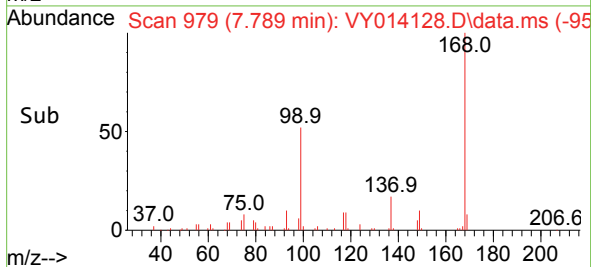
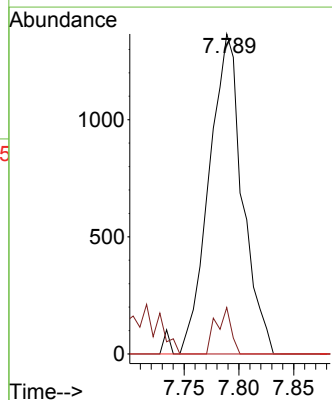
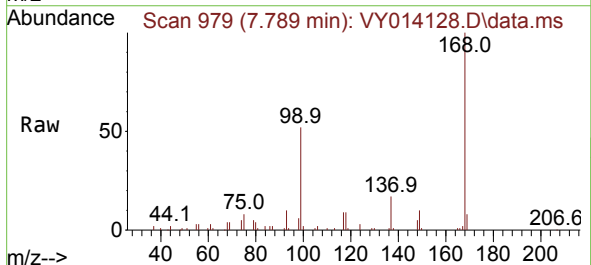
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-004

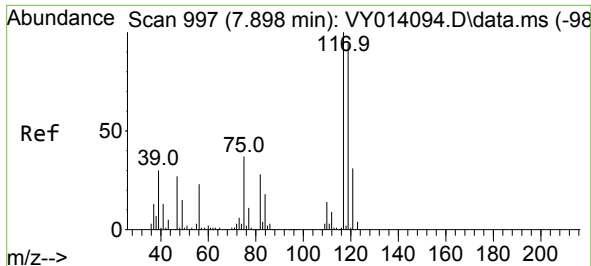
Tgt Ion:113 Resp: 13434
Ion Ratio Lower Upper
113 100
111 105.7 81.3 121.9
192 22.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.162 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

Tgt Ion: 75 Resp: 2891
Ion Ratio Lower Upper
75 100
110 6.6 17.8 53.5#
77 0.0 24.4 36.6#

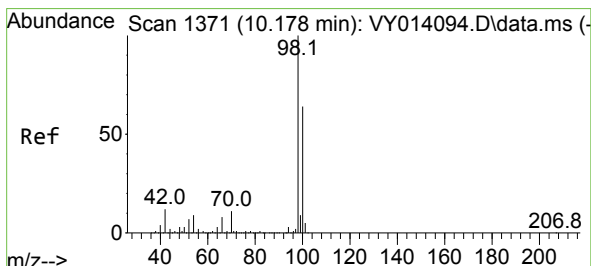
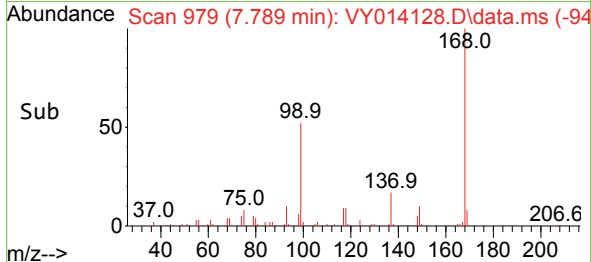
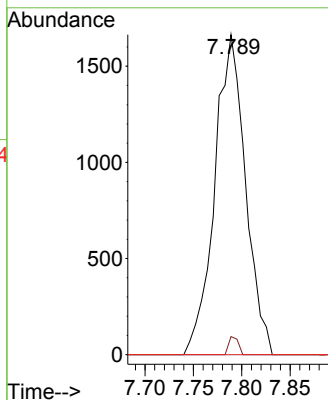
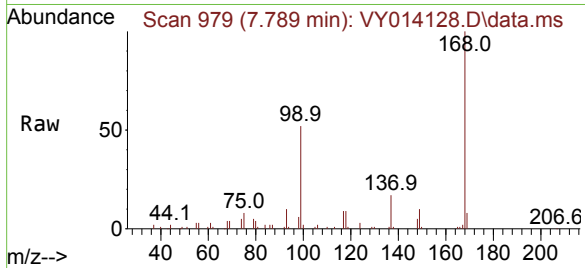




#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

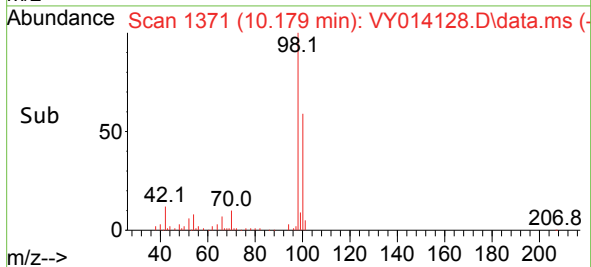
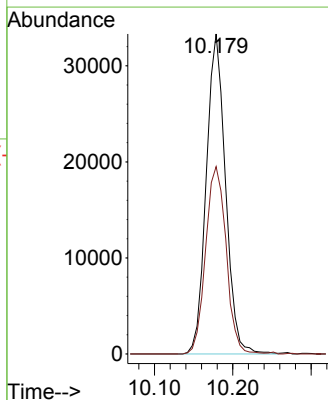
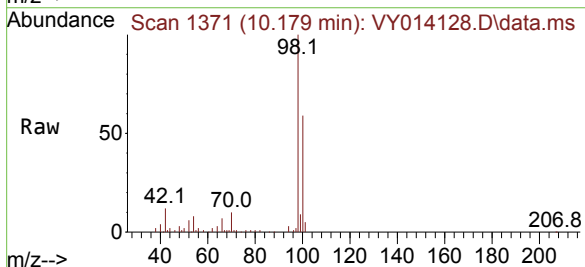
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-004

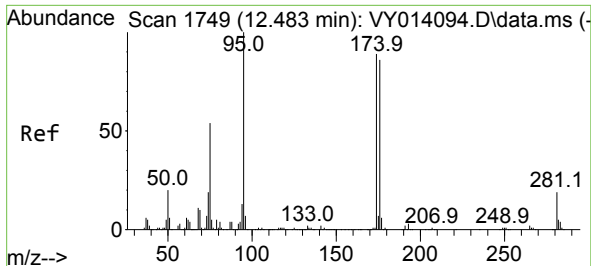
Tgt Ion:117 Resp: 3688
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 42.279 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

Tgt Ion: 98 Resp: 56779
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1

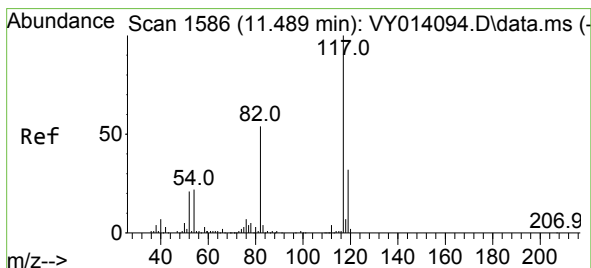
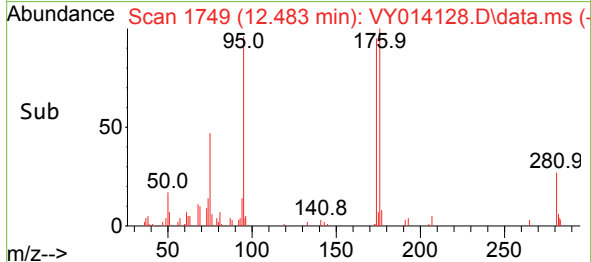
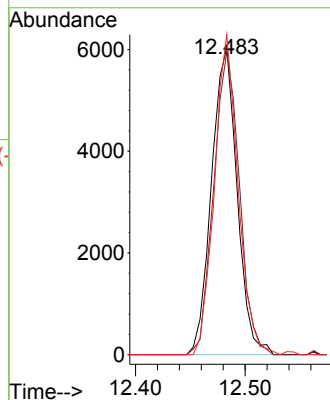
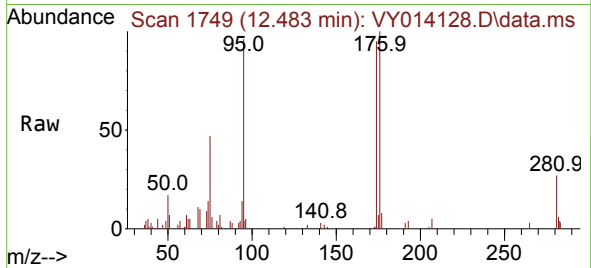




#62
4-Bromofluorobenzene
Concen: 20.497 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

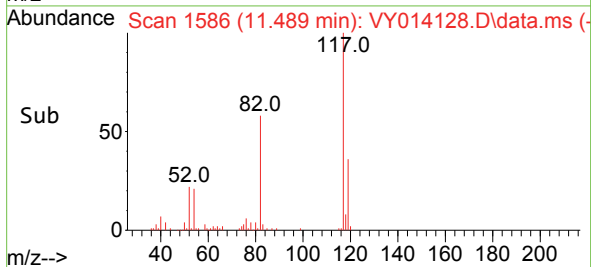
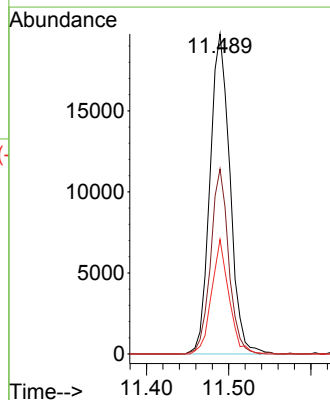
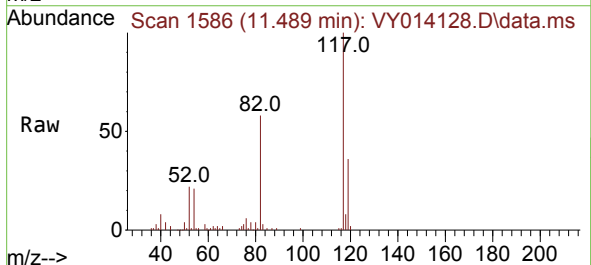
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-004

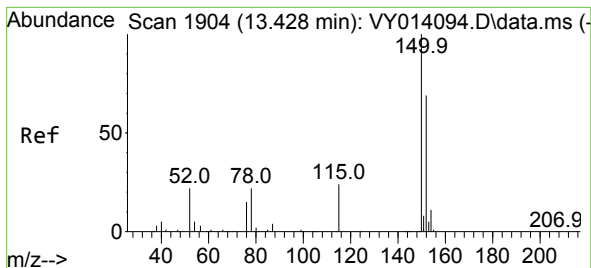
Tgt Ion:	95	Resp:	9778
Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	178.2
176	96.6	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

Tgt Ion:	117	Resp:	33246
Ion	Ratio	Lower	Upper
117	100		
82	57.8	43.4	65.0
119	35.8	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014128.D

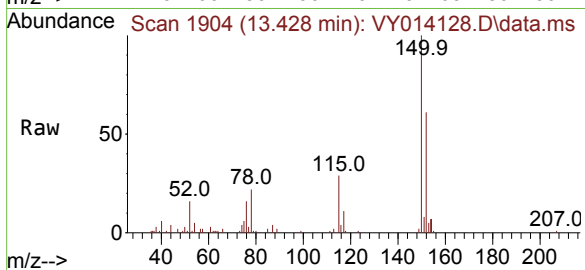
Acq: 12 Jun 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-Topsoil-004



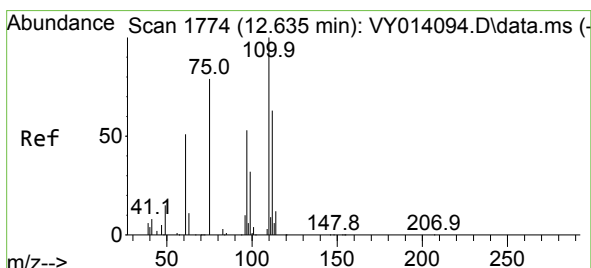
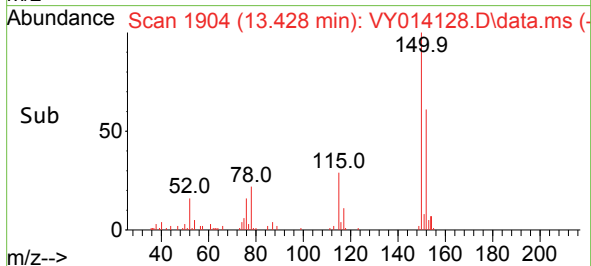
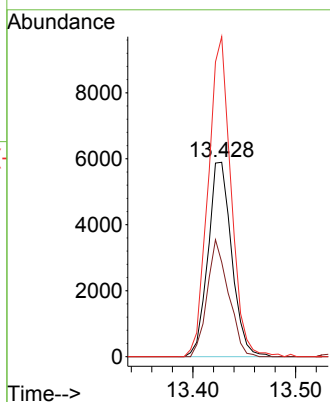
Tgt Ion:152 Resp: 9421

Ion Ratio Lower Upper

152 100

115 54.3 28.8 86.5

150 159.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.383 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014128.D

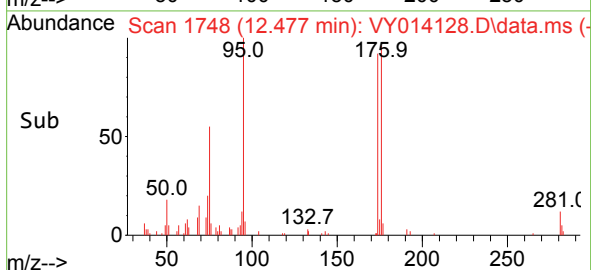
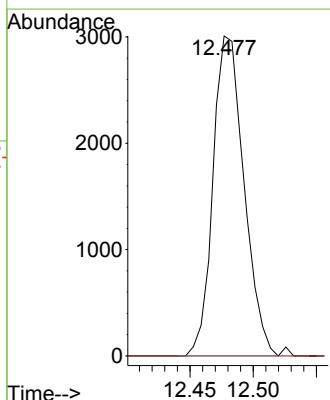
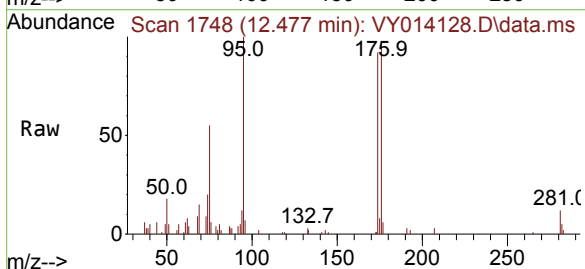
Acq: 12 Jun 2023 18:16

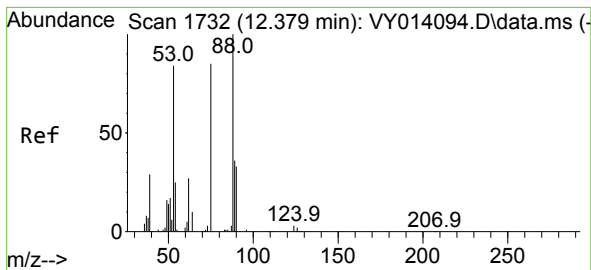
Tgt Ion: 75 Resp: 5115

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.454 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014128.D
 Acq: 12 Jun 2023 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-004

Tgt Ion: 75 Resp: 5115
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

