

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013884.D
 Acq On : 25 May 2023 19:30
 Operator : KP/MD
 Sample : 02941-01
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EME-TOPSOIL-001

Quant Time: May 26 04:35:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

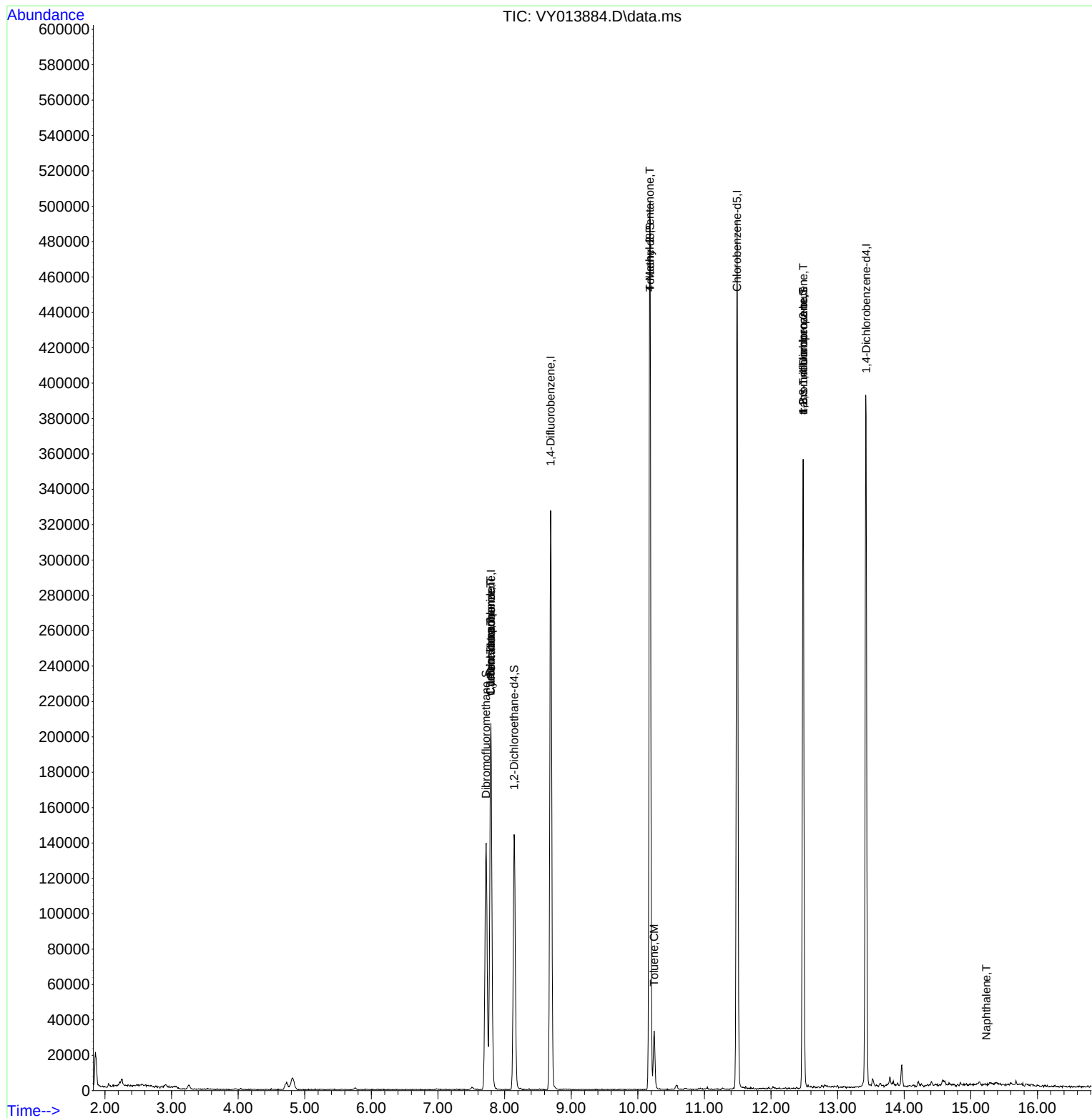
Internal Standards						
1) Pentafluorobenzene	7.795	168	159650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	273205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	116188	62.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.820%	
35) Dibromofluoromethane	7.722	113	94508	53.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.185	98	333508	49.734	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.483	95	99139	44.477	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.960%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	2673	Below Cal	#	86
31) Cyclohexane	7.789	56	3797	1.338	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	12272	4.567	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15376	5.031	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	1625	1.021	ug/l #	1
52) Toluene	10.246	92	12466	2.649	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	54203	44.731	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54203	97.096	ug/l #	10
95) Naphthalene	15.233	128	151	4.580	ug/l #	72

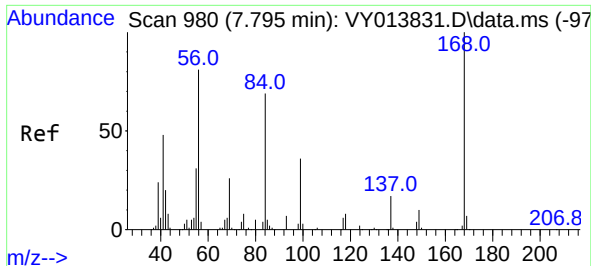
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
Data File : VY013884.D
Acq On : 25 May 2023 19:30
Operator : KP/MD
Sample : 02941-01
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EME-TOPSOIL-001

Quant Time: May 26 04:35:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

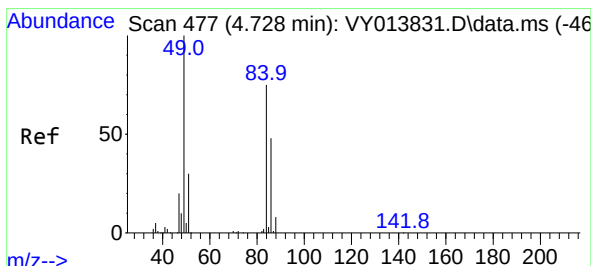
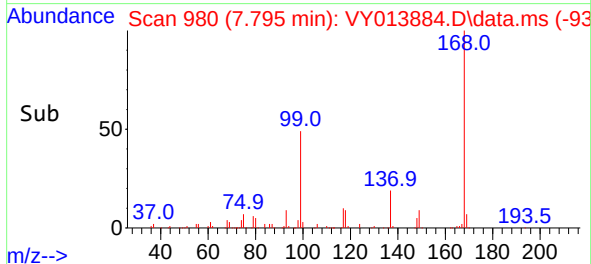
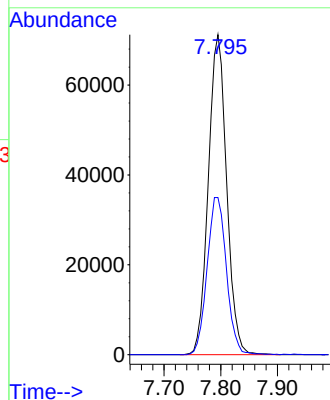
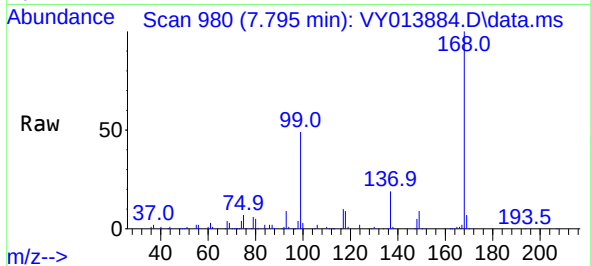




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

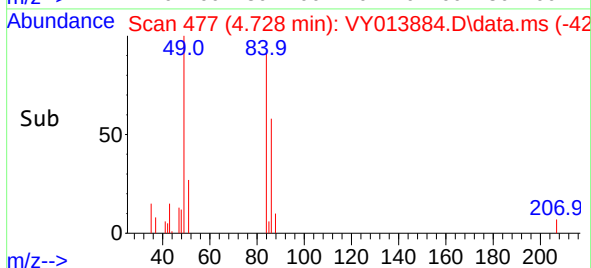
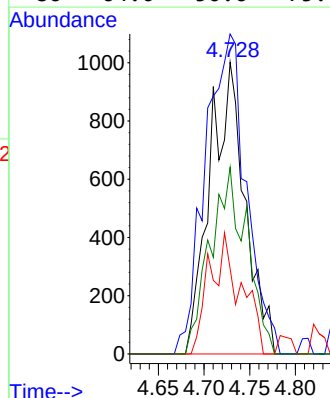
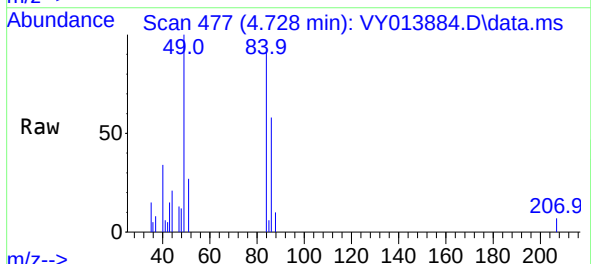
Instrument :
MSVOA_Y
ClientSampleId :
EME-TOPSOIL-001

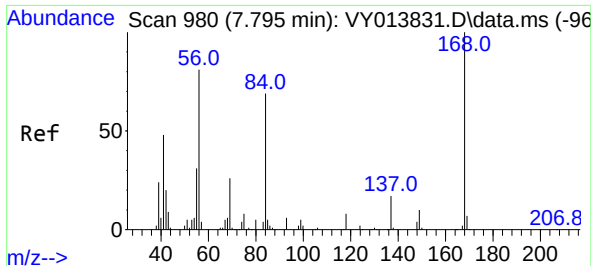
Tgt Ion:168 Resp: 159650
Ion Ratio Lower Upper
168 100
99 49.1 43.4 65.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

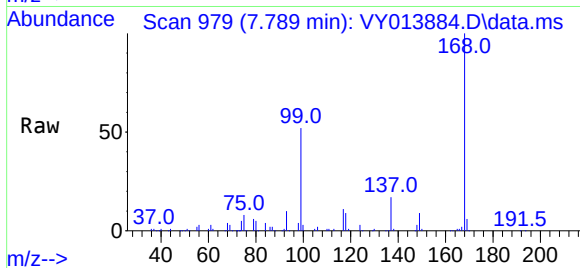
Tgt Ion: 84 Resp: 2673
Ion Ratio Lower Upper
84 100
49 109.7 106.2 159.2
51 29.2 31.4 47.0#
86 64.0 50.6 75.8



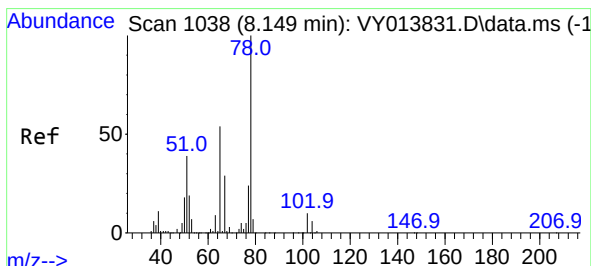
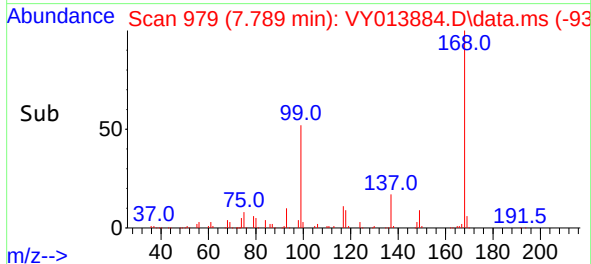
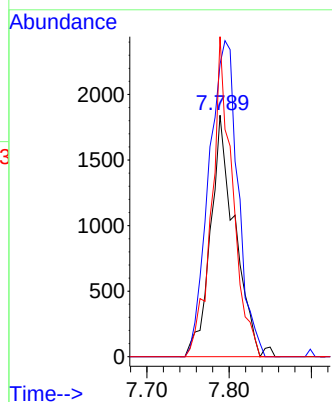


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

Instrument :
MSVOA_Y
ClientSampleId :
EME-TOPSOIL-001

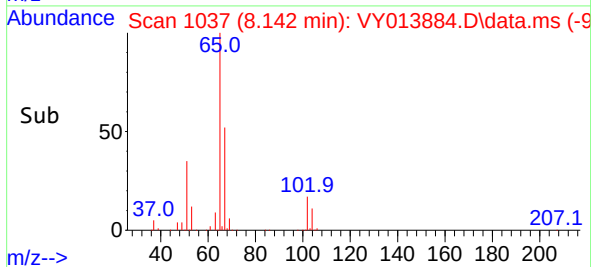
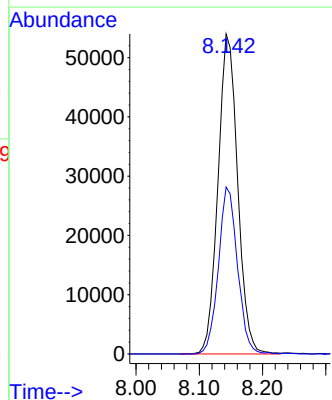
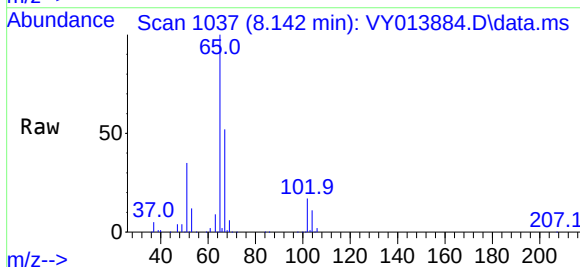


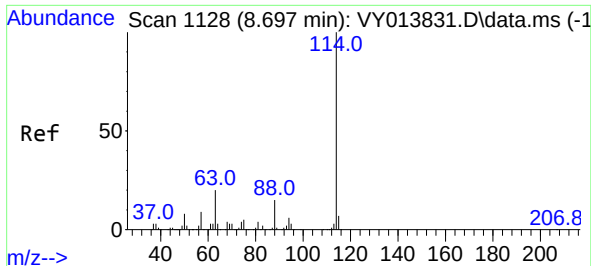
Tgt Ion: 56 Resp: 3797
Ion Ratio Lower Upper
56 100
69 121.2 25.8 38.8#
84 132.5 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 62.907 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

Tgt Ion: 65 Resp: 116188
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013884.D

Acq: 25 May 2023 19:30

Instrument :

MSVOA_Y

ClientSampleId :

EME-TOPSOIL-001

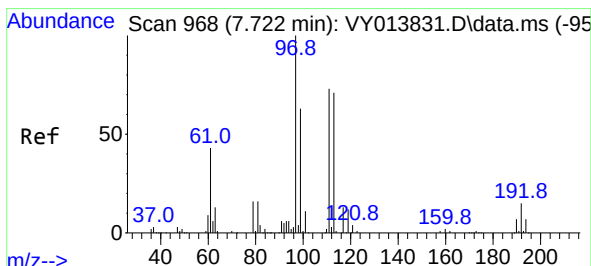
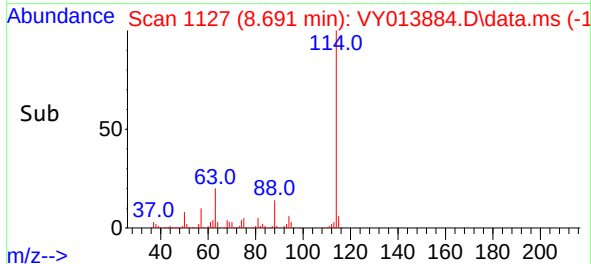
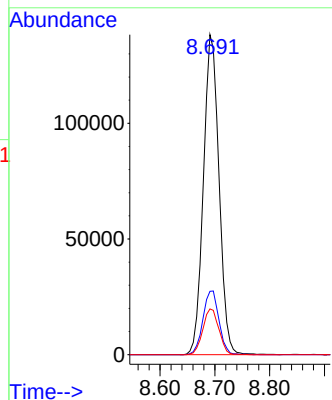
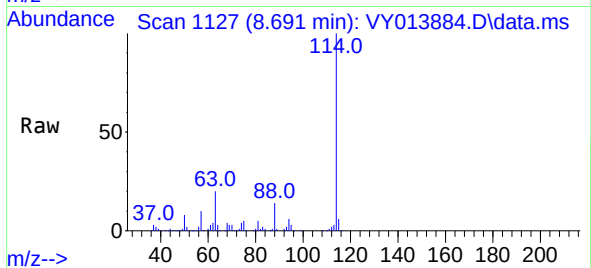
Tgt Ion:114 Resp: 273205

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 14.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.565 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY013884.D

Acq: 25 May 2023 19:30

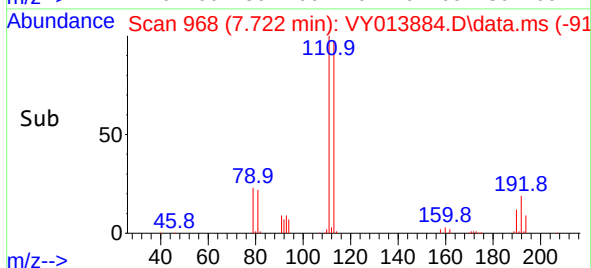
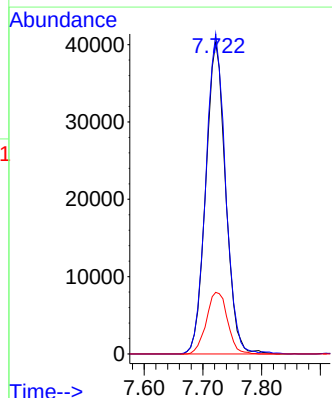
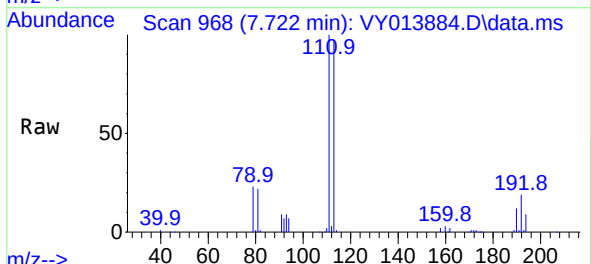
Tgt Ion:113 Resp: 94508

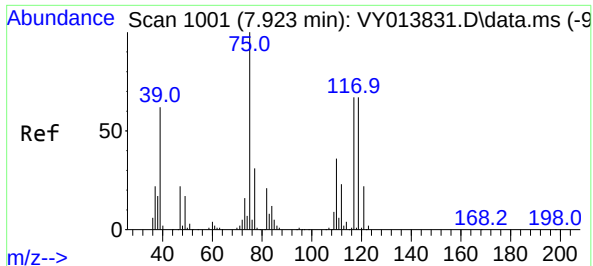
Ion Ratio Lower Upper

113 100

111 102.1 80.4 120.6

192 21.0 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.567 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013884.D

Acq: 25 May 2023 19:30

Instrument :

MSVOA_Y

ClientSampleId :

EME-TOPSOIL-001

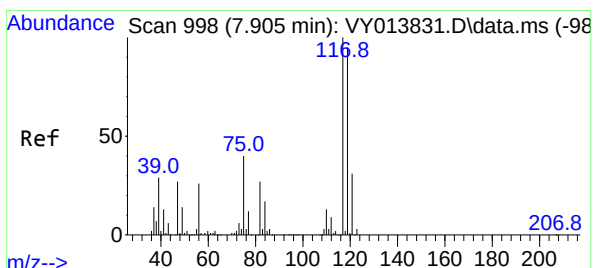
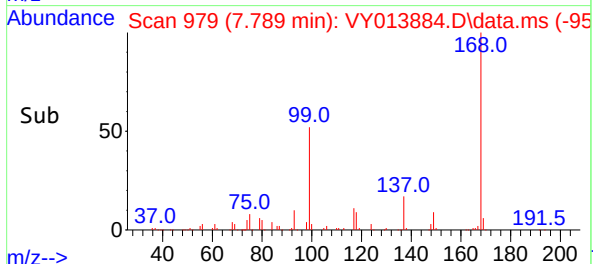
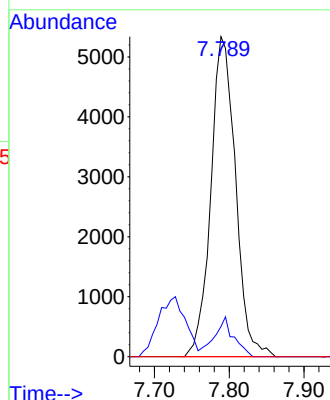
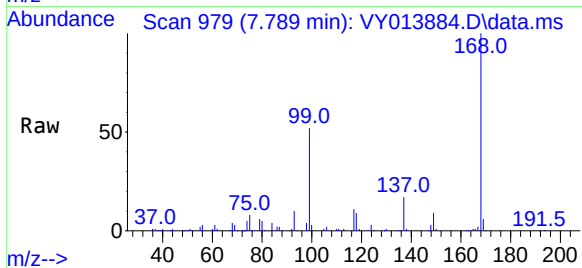
Tgt Ion: 75 Resp: 12272

Ion Ratio Lower Upper

75 100

110 9.3 17.5 52.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.031 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY013884.D

Acq: 25 May 2023 19:30

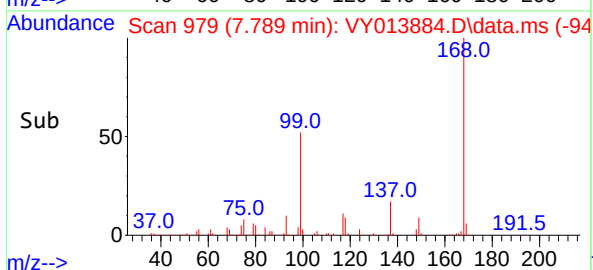
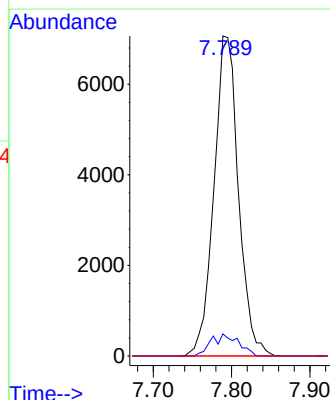
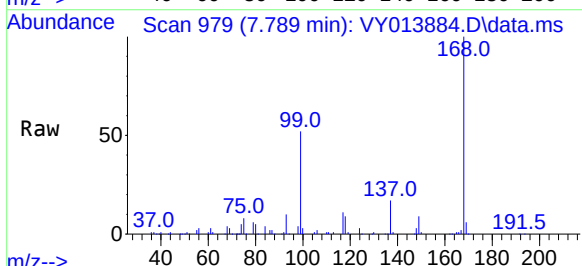
Tgt Ion: 117 Resp: 15376

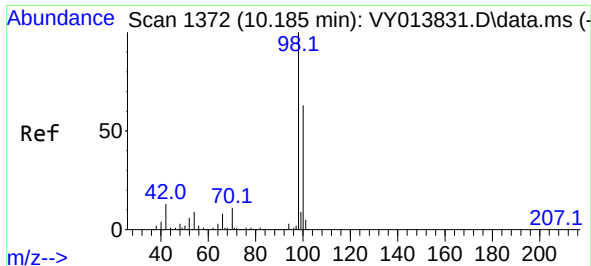
Ion Ratio Lower Upper

117 100

119 6.9 75.6 113.4#

121 0.0 24.8 37.2#

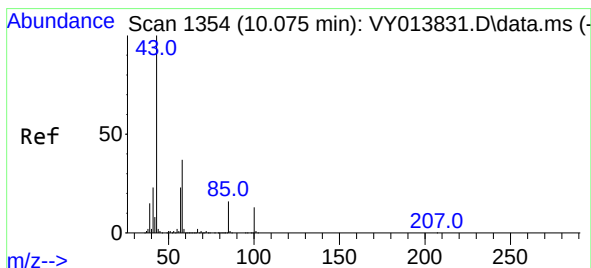
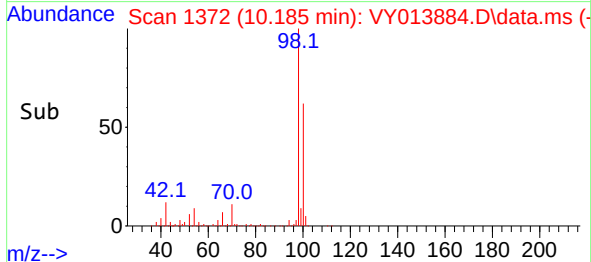
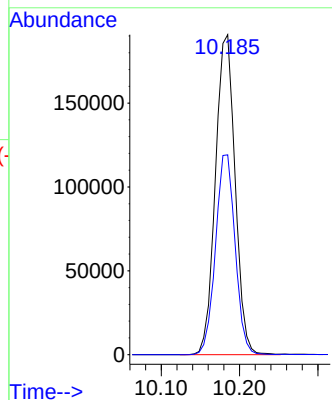
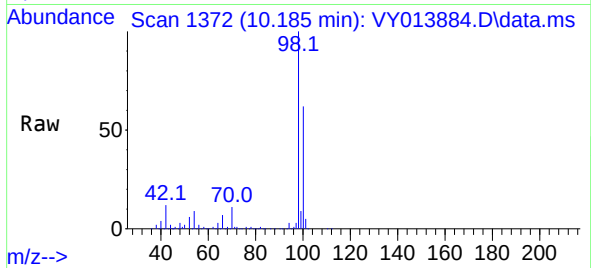




#50
Toluene-d8
Concen: 49.734 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

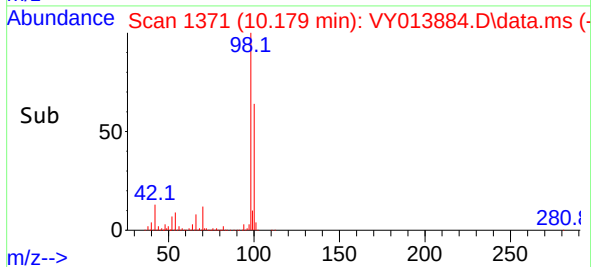
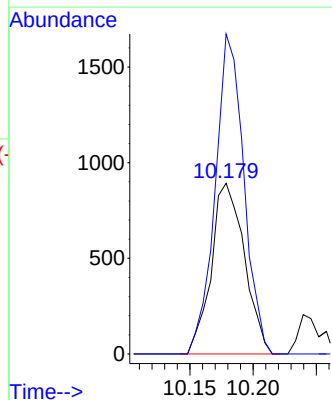
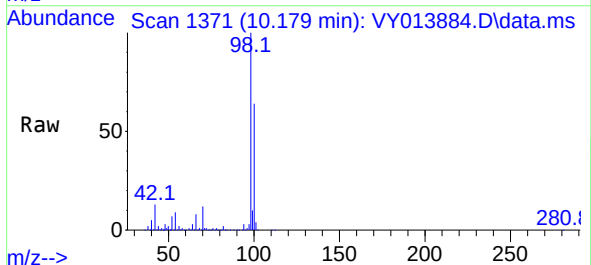
Instrument :
MSVOA_Y
ClientSampleId :
EME-TOPSOIL-001

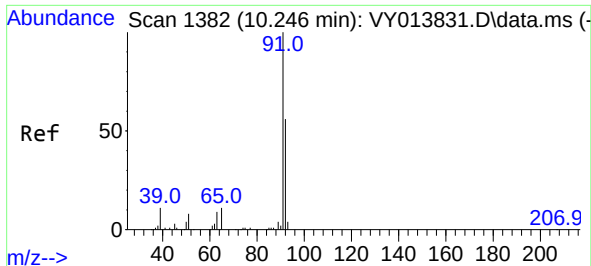
Tgt Ion: 98 Resp: 333508
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2



#51
4-Methyl-2-Pentanone
Concen: 1.021 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
58 162.3 29.1 43.7#

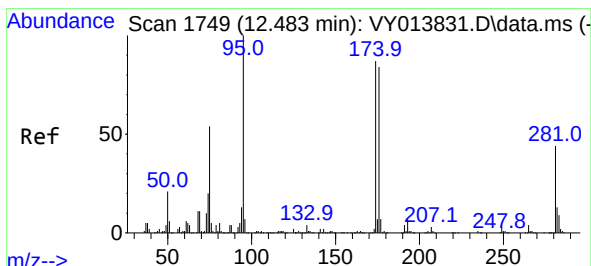
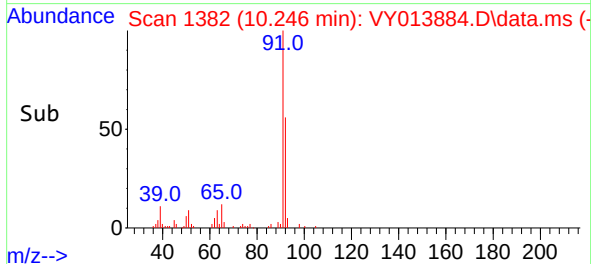
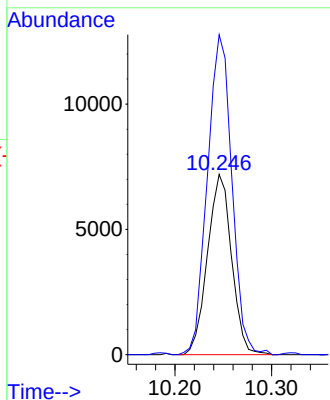
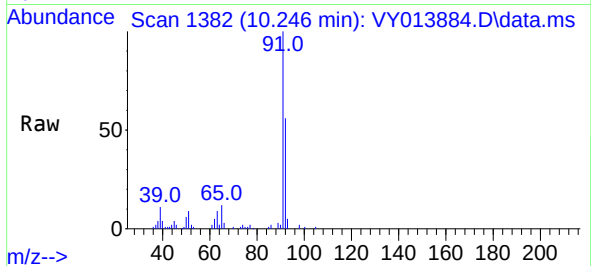




#52
Toluene
Concen: 2.649 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

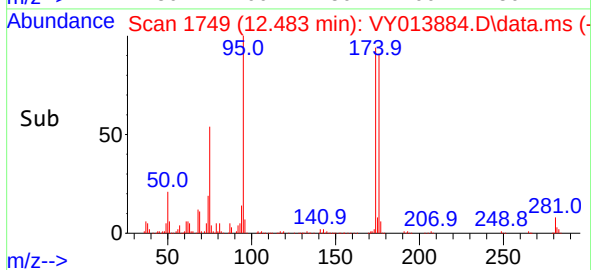
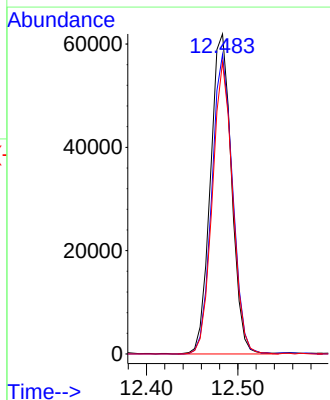
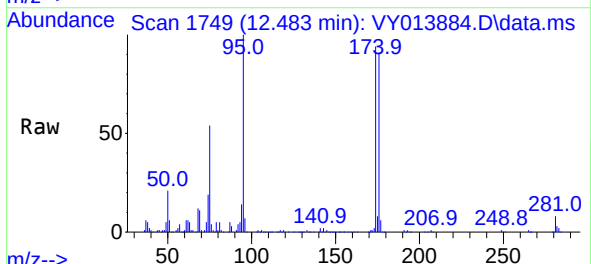
Instrument :
MSVOA_Y
ClientSampleId :
EME-TOPSOIL-001

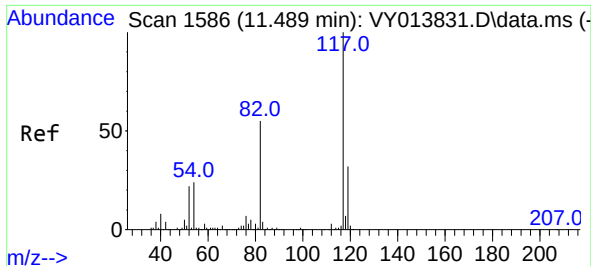
Tgt Ion: 92 Resp: 12466
Ion Ratio Lower Upper
92 100
91 180.2 142.2 213.4



#62
4-Bromofluorobenzene
Concen: 44.477 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

Tgt Ion: 95 Resp: 99139
Ion Ratio Lower Upper
95 100
174 92.3 0.0 176.0
176 87.8 0.0 170.2

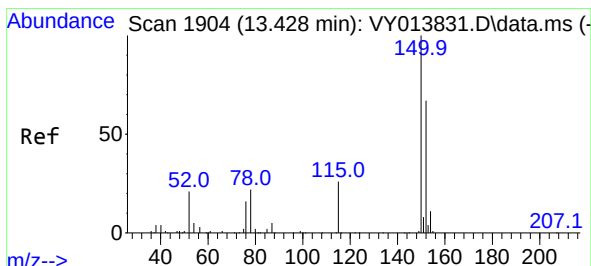
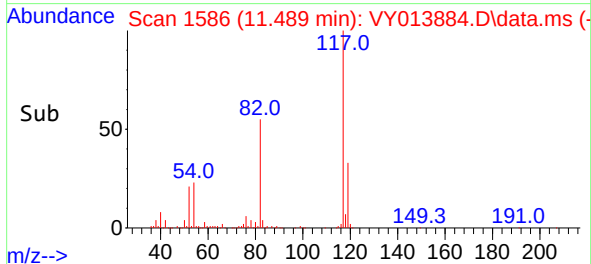
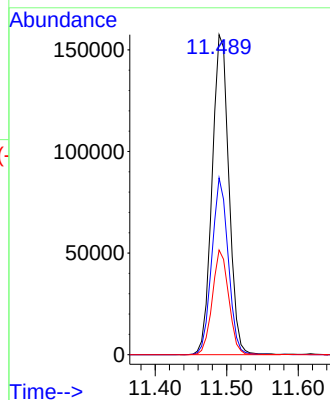
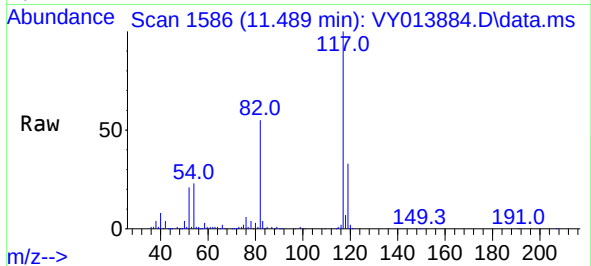




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

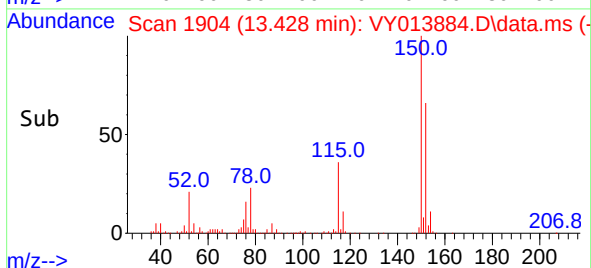
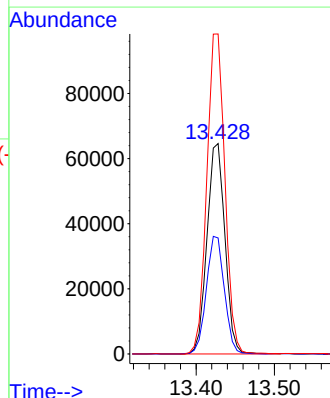
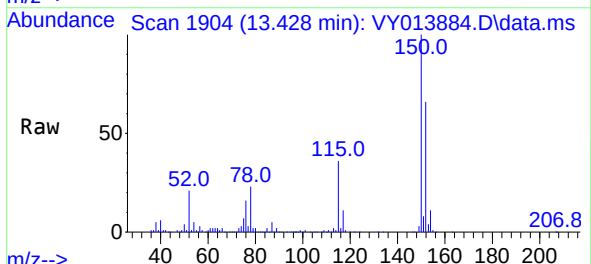
Instrument :
MSVOA_Y
ClientSampleId :
EME-TOPSOIL-001

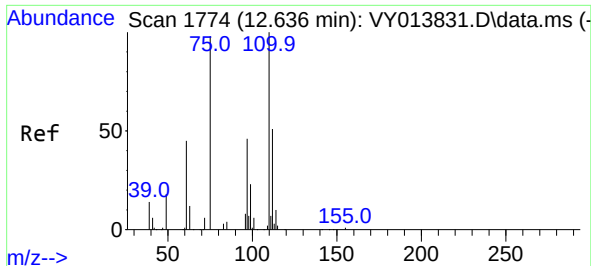
Tgt Ion:117 Resp: 256731
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

Tgt Ion:152 Resp: 102767
Ion Ratio Lower Upper
152 100
115 56.1 28.8 86.5
150 153.0 0.0 353.4

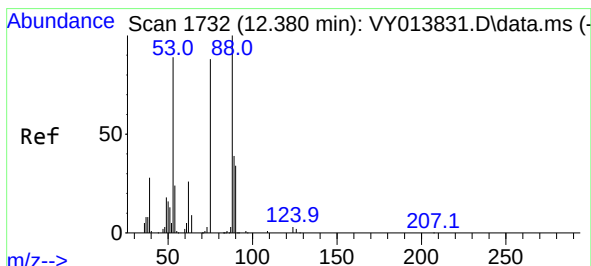
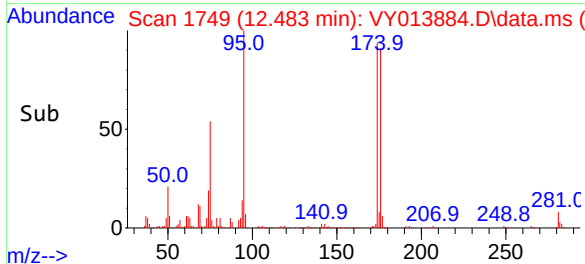
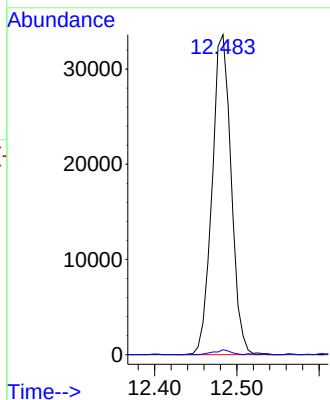
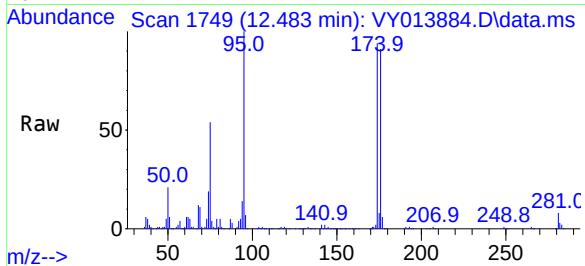




#76
1,2,3-Trichloropropane
Concen: 44.731 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

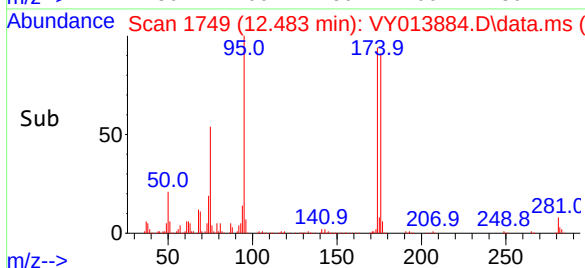
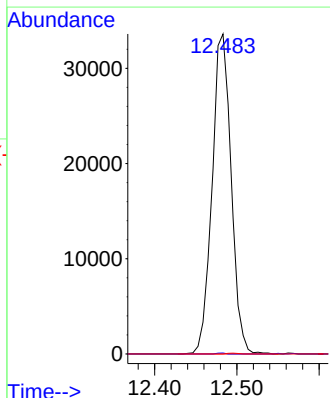
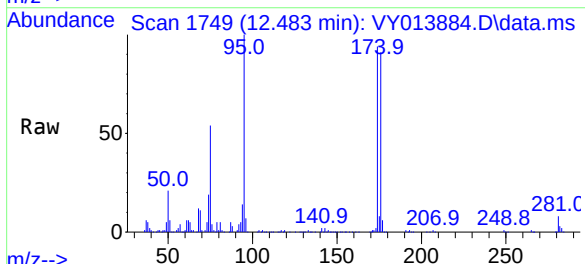
Instrument :
MSVOA_Y
ClientSampleId :
EME-TOPSOIL-001

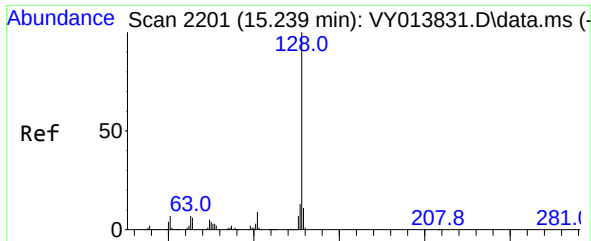
Tgt Ion: 75 Resp: 54203
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.096 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

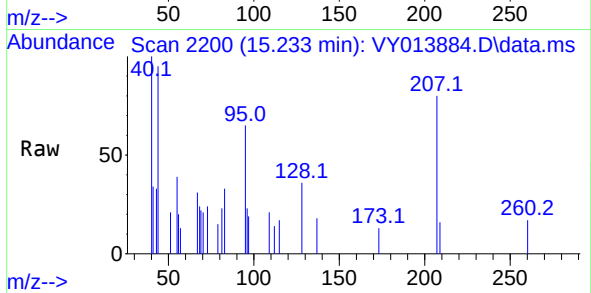
Tgt Ion: 75 Resp: 54203
Ion Ratio Lower Upper
75 100
53 0.1 79.7 119.5#
89 0.1 36.4 54.6#





#95
Naphthalene
Concen: 4.580 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

Instrument :
MSVOA_Y
ClientSampleId :
EME-TOPSOIL-001



Tgt Ion:128 Resp: 151
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 19.2 9.0 13.4#

