

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012854.D
 Acq On : 07 Mar 2023 18:52
 Operator : KP/MD
 Sample : 01763-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CM-A-CRUSHED-MASONRY-PILE-1

Quant Time: Mar 07 23:45:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

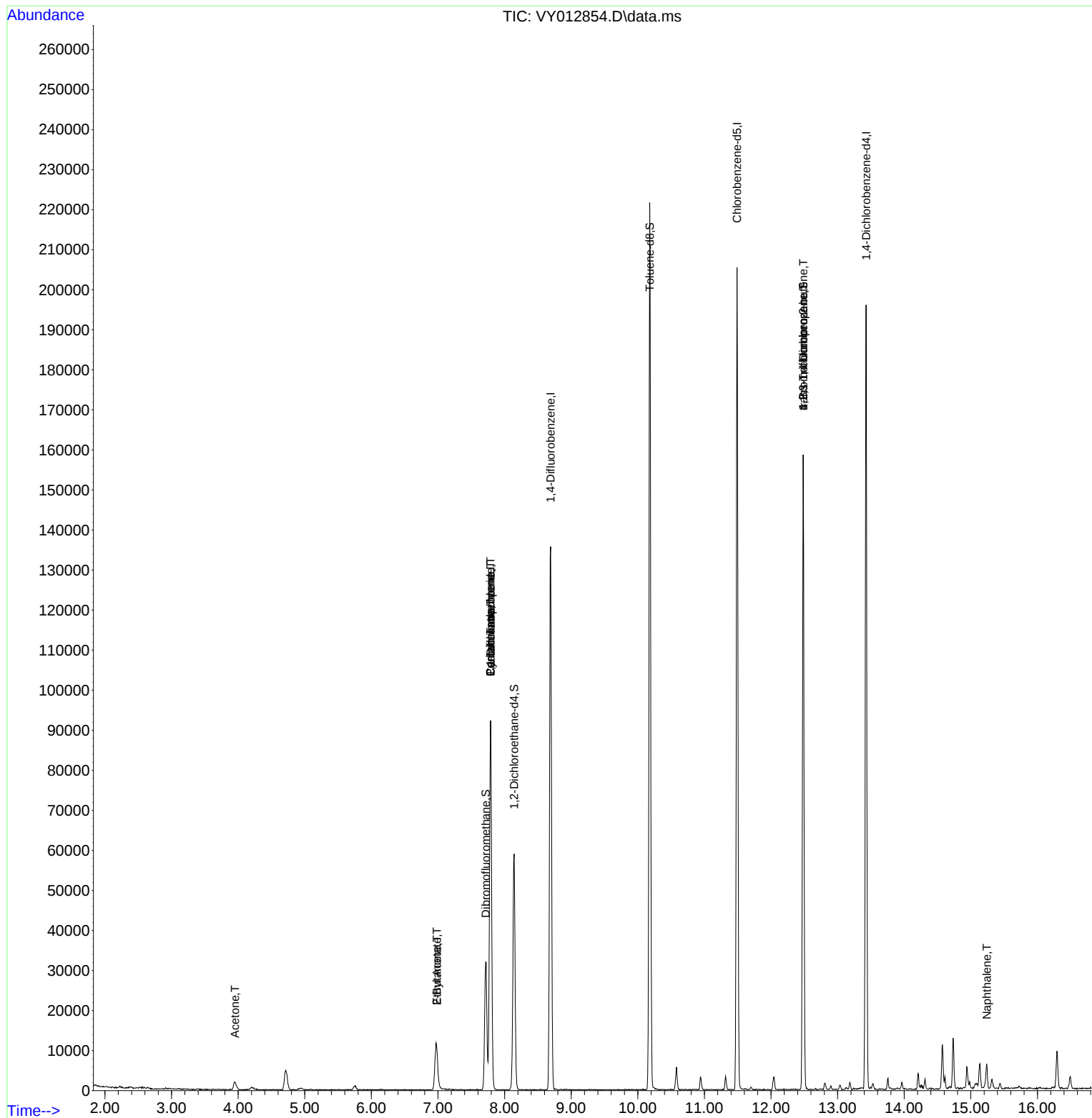
Internal Standards						
1) Pentafluorobenzene	7.789	168	71717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	117855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	111252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44107	61.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.880%	
35) Dibromofluoromethane	7.716	113	22393	31.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 62.960%	
50) Toluene-d8	10.179	98	142782	54.912	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.820%	
62) 4-Bromofluorobenzene	12.483	95	42421	48.336	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	481	Below Cal	#	74
16) Acetone	3.954	43	3672	13.138	ug/l	92
20) Methylene Chloride	4.716	84	4092	Below Cal		91
25) 2-Butanone	6.984	43	934	2.698	ug/l	94
31) Cyclohexane	7.789	56	1646	1.207	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5319	4.463	ug/l #	50
37) Ethyl Acetate	6.984	43	934	1.243	ug/l #	15
38) Carbon Tetrachloride	7.789	117	6792	5.518	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	22340	37.335	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22340	77.359	ug/l #	13
95) Naphthalene	15.239	128	5315	2.864	ug/l	98

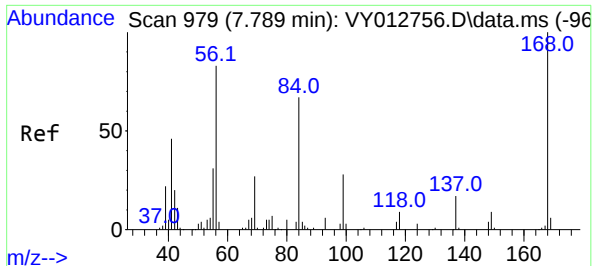
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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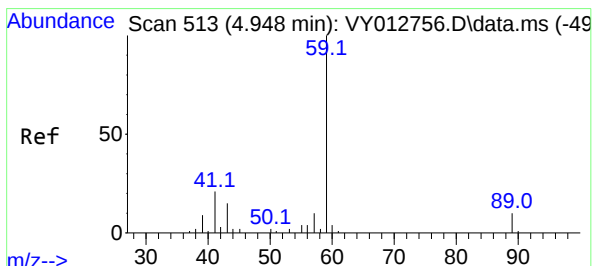
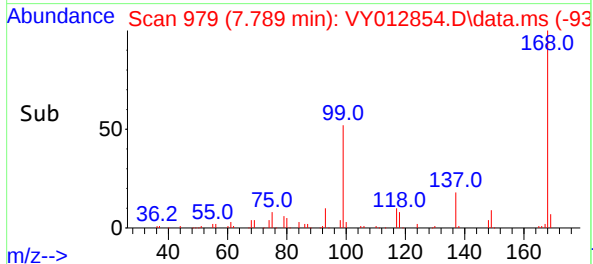
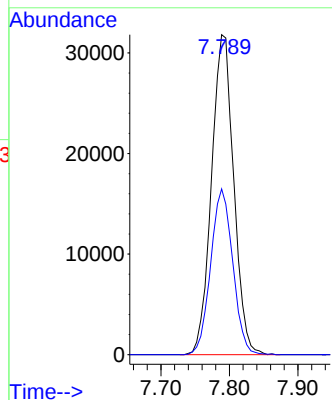
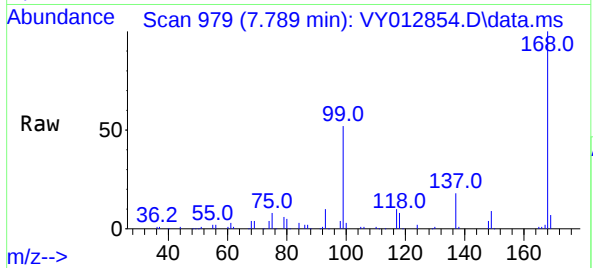




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

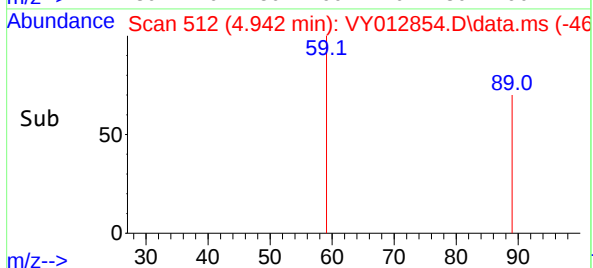
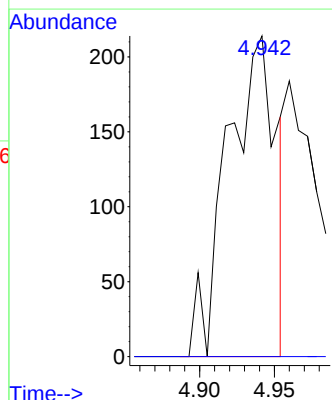
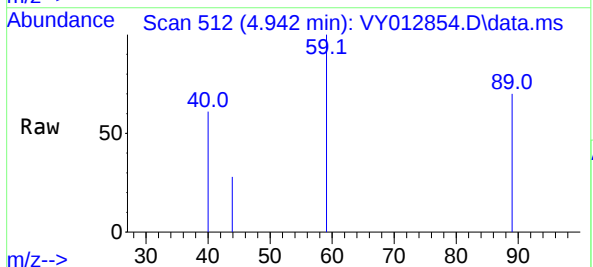
Instrument :
MSVOA_Y
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

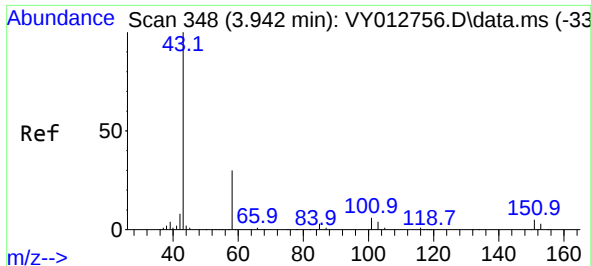
Tgt Ion:168 Resp: 71717
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

Tgt Ion: 59 Resp: 481
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

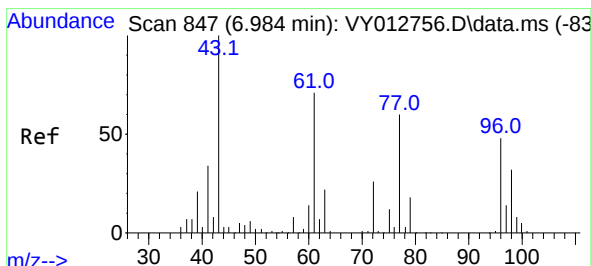
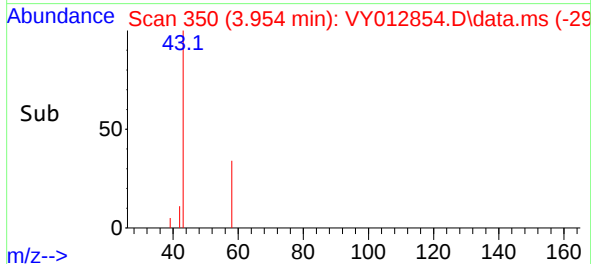
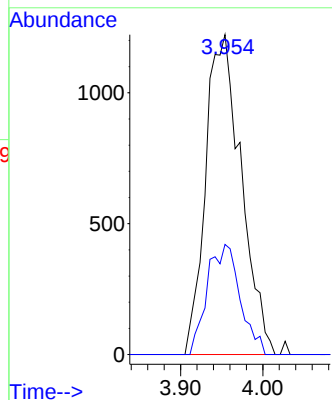
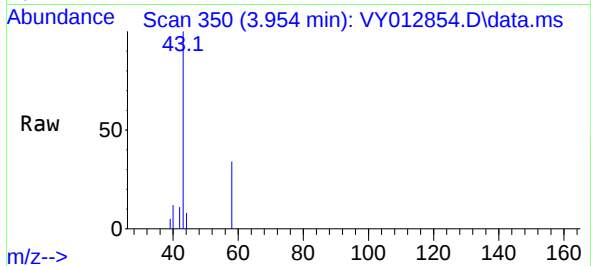




#16
Acetone
Concen: 13.138 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

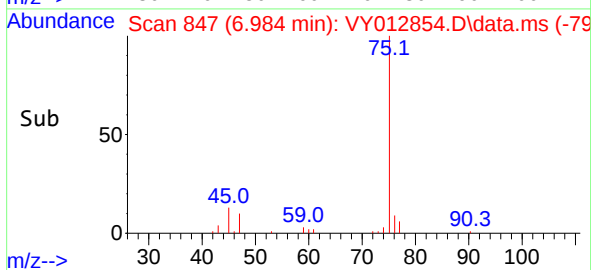
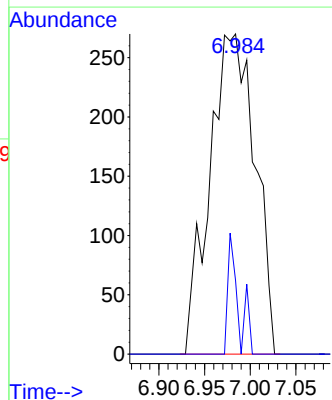
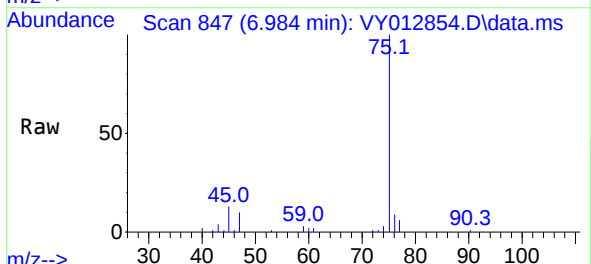
Instrument :
MSVOA_Y
ClientSampleId :
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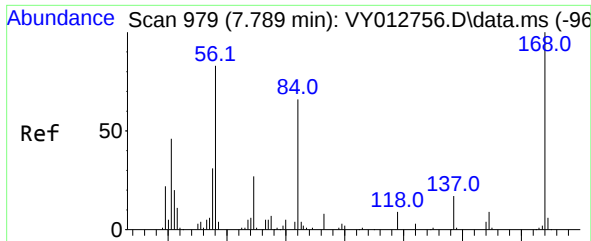
Tgt Ion: 43 Resp: 3672
Ion Ratio Lower Upper
43 100
58 34.5 24.2 36.2



#25
2-Butanone
Concen: 2.698 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

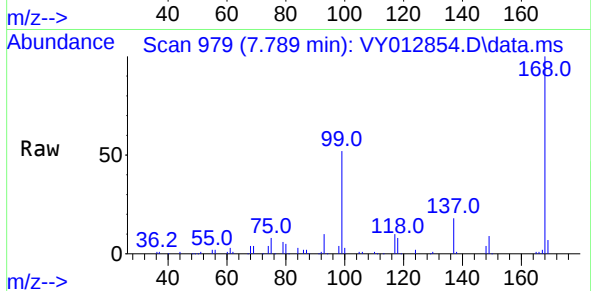
Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
72 23.0 21.0 31.4



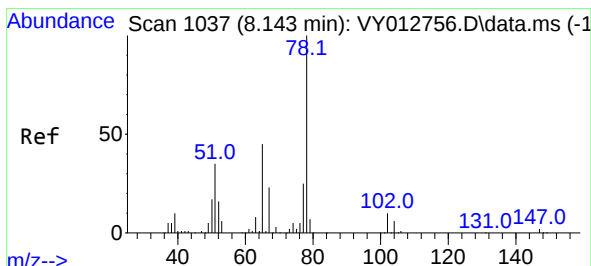
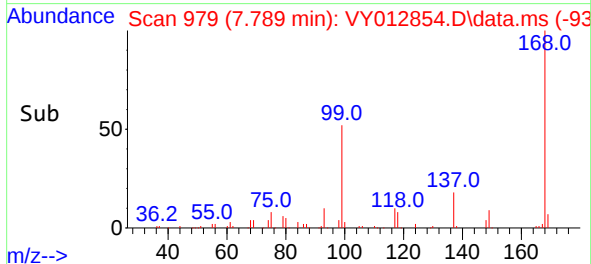
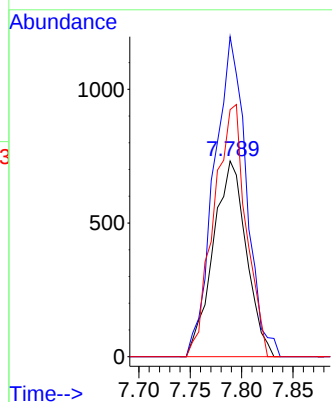


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

Instrument :
MSVOA_Y
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

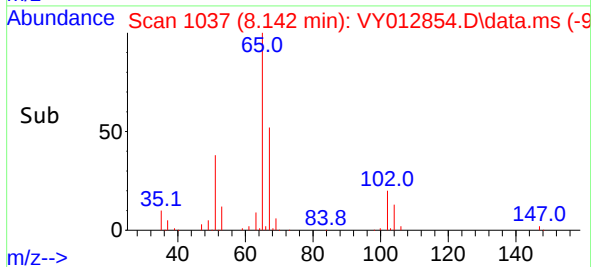
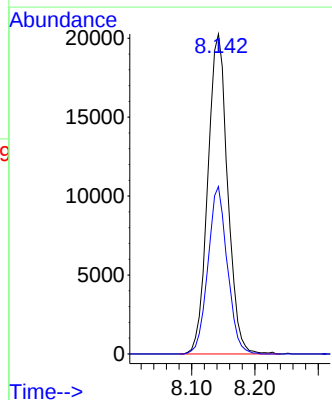
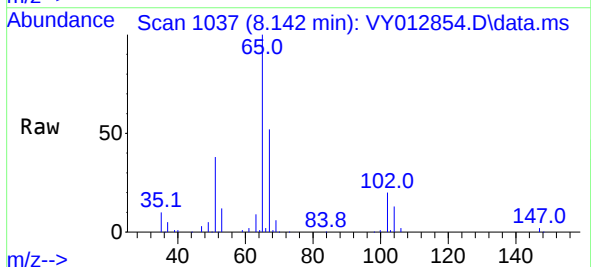


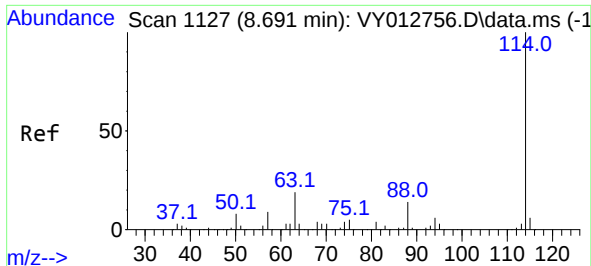
Tgt Ion: 56 Resp: 1646
Ion Ratio Lower Upper
56 100
69 163.5 25.7 38.5#
84 126.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 61.943 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

Tgt Ion: 65 Resp: 44107
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012854.D

Acq: 07 Mar 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

CM-A-CRUSHED-MASONRY-PILE-1

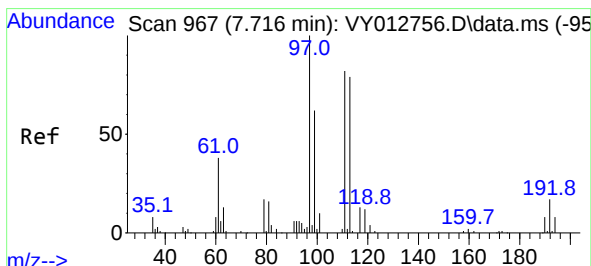
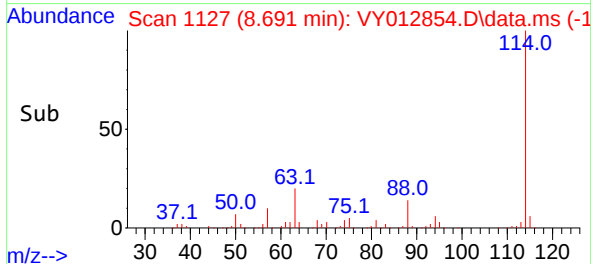
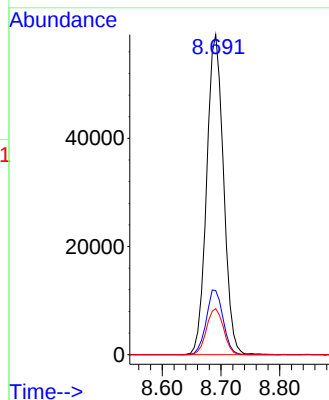
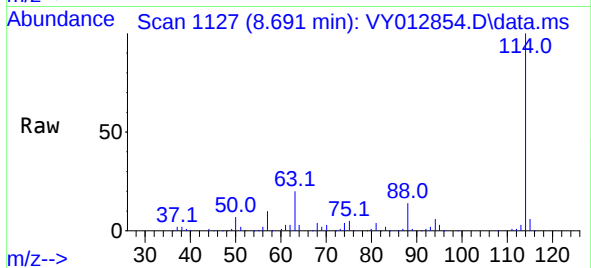
Tgt Ion:114 Resp: 117855

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 31.484 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012854.D

Acq: 07 Mar 2023 18:52

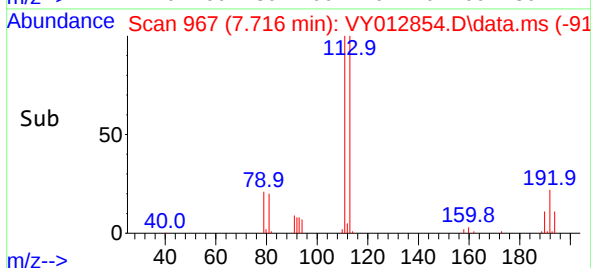
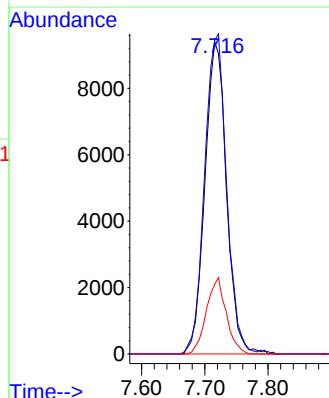
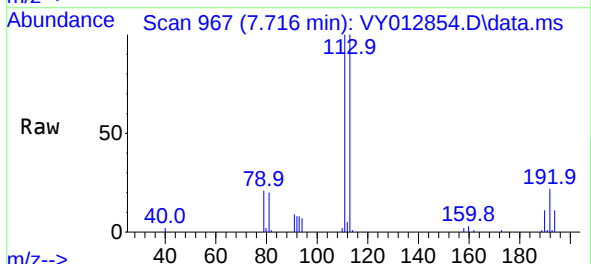
Tgt Ion:113 Resp: 22393

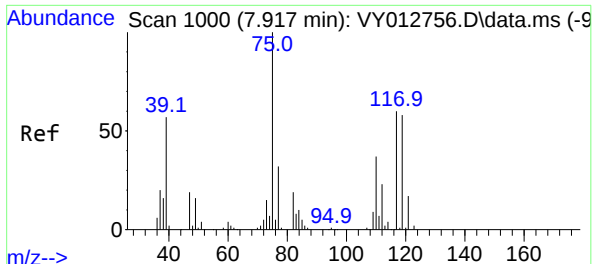
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 22.3 16.8 25.2

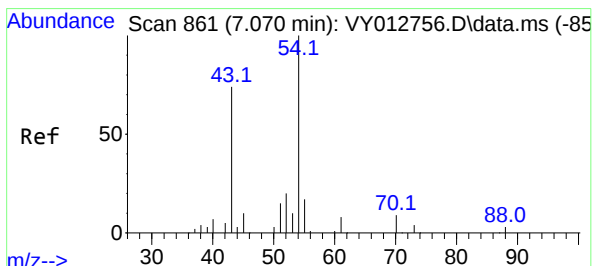
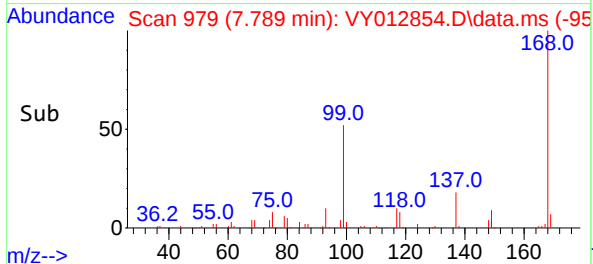
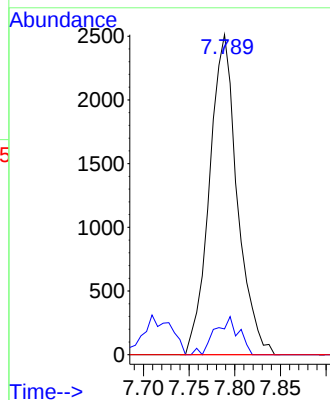
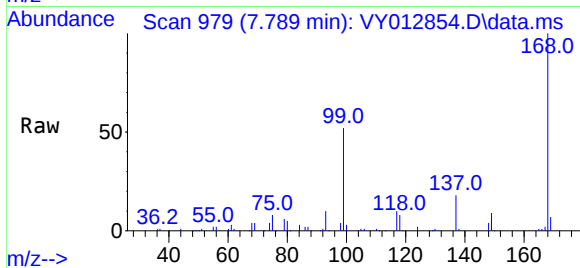




#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

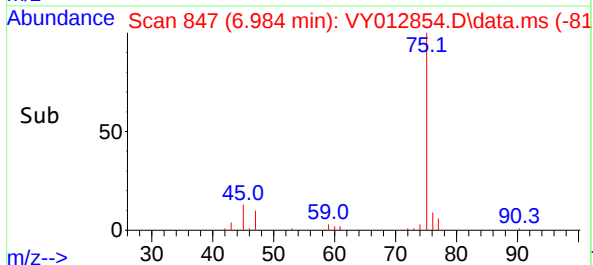
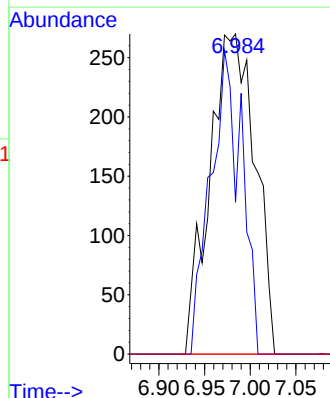
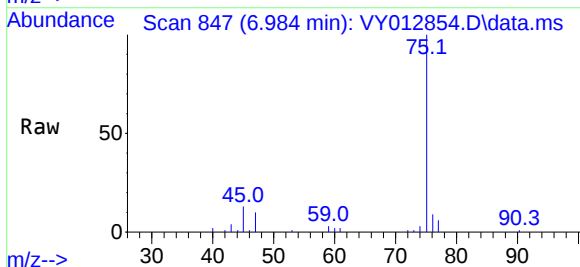
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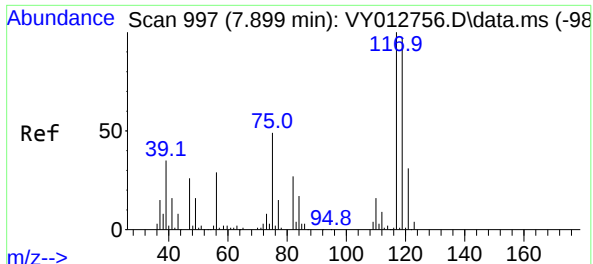
Tgt Ion: 75 Resp: 5319
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.243 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
61 64.8 10.7 16.1#
70 0.0 7.8 11.8#

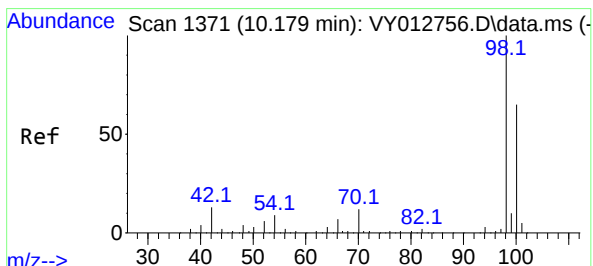
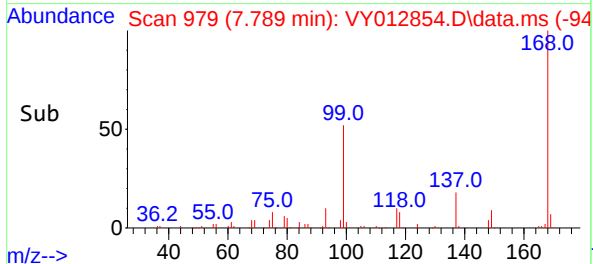
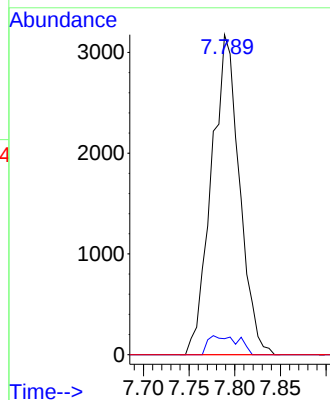
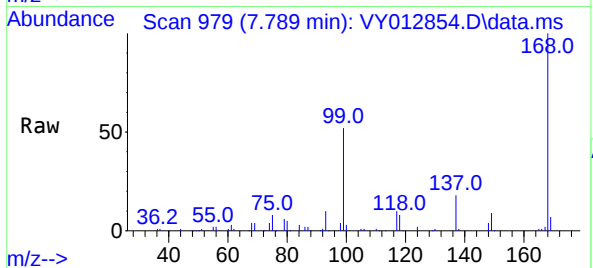




#38
Carbon Tetrachloride
Concen: 5.518 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

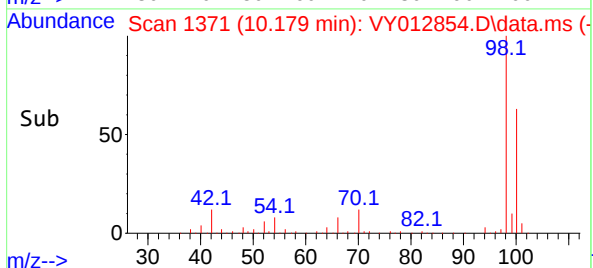
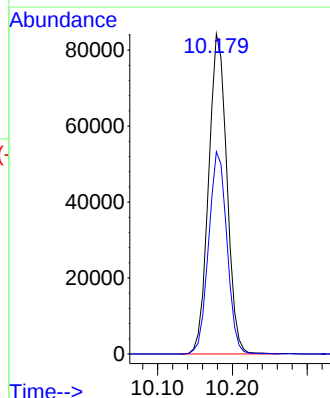
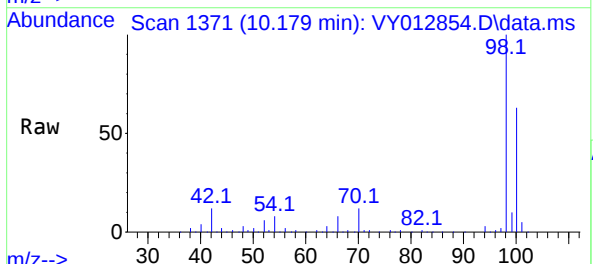
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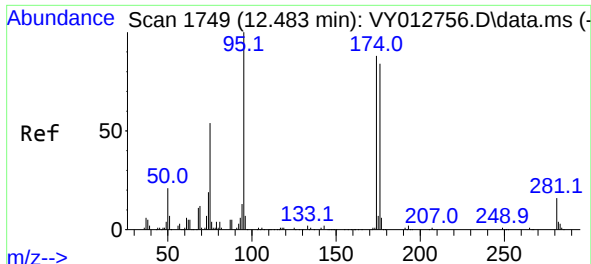
Tgt Ion:117 Resp: 6792
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.912 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

Tgt Ion: 98 Resp: 142782
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

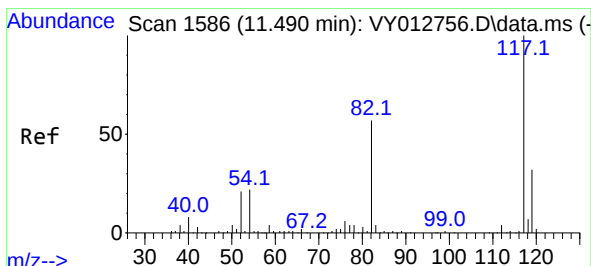
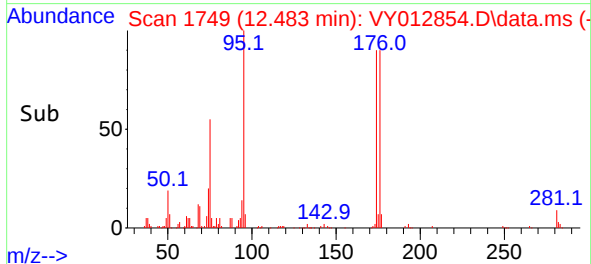
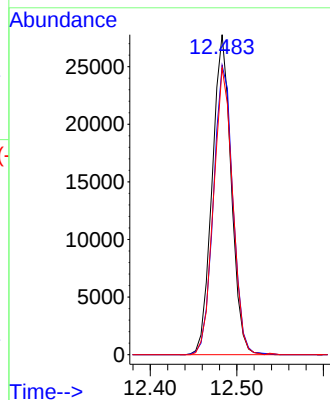
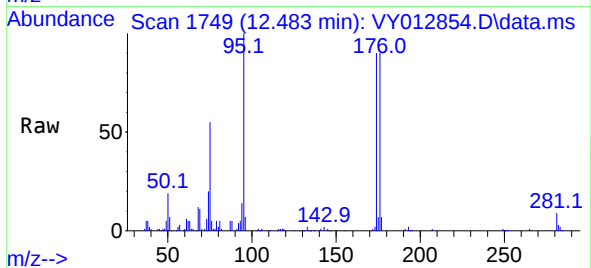




#62
4-Bromofluorobenzene
Concen: 48.336 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

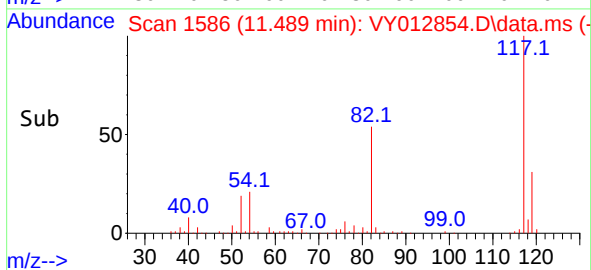
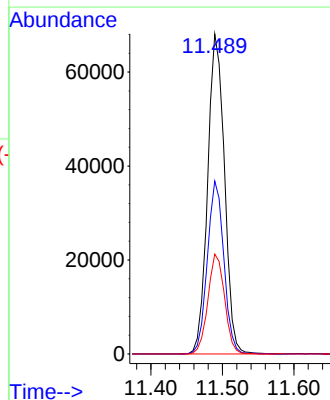
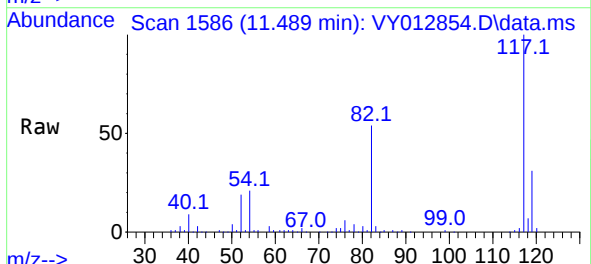
Instrument : MSVOA_Y
ClientSampleId : CM-A-CRUSHED-MASONRY-PILE-1

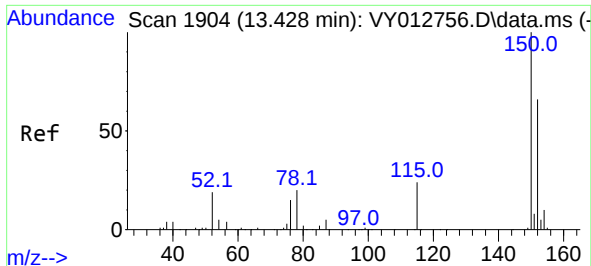
Tgt Ion:	95	Resp:	42421
Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	176.6
176	89.6	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

Tgt Ion:	117	Resp:	111252
Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.4	68.0
119	31.2	25.6	38.4

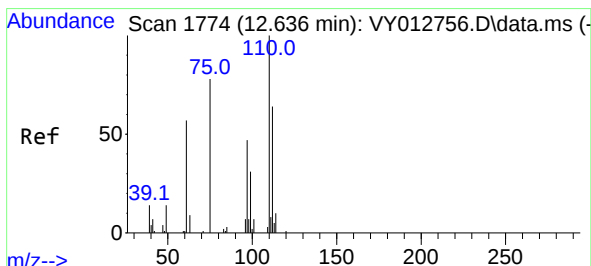
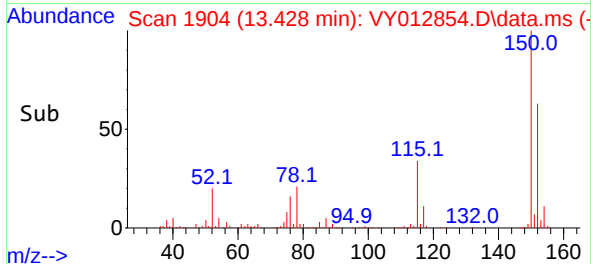
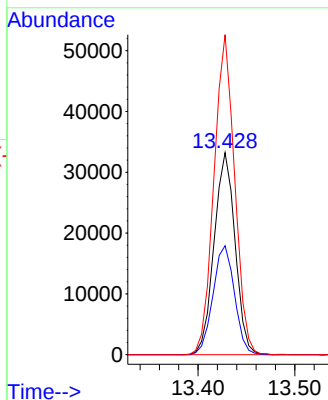
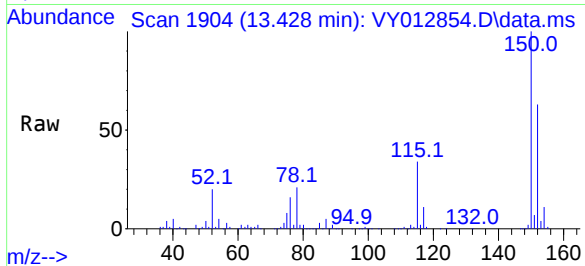




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

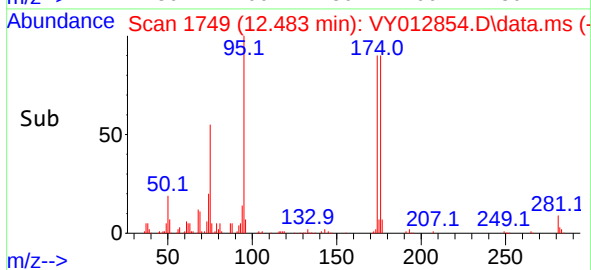
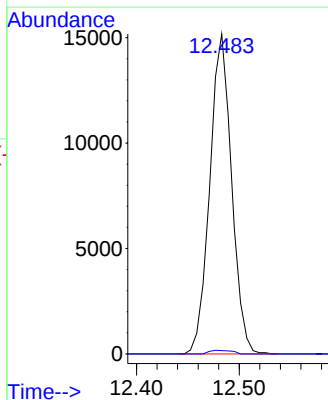
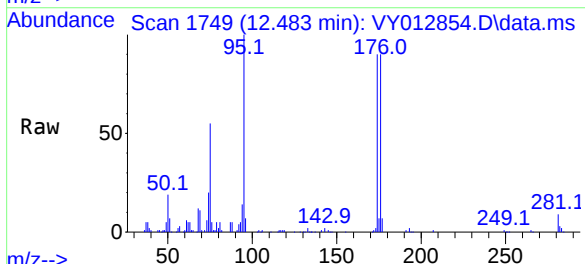
Instrument : MSVOA_Y
ClientSampleId : CM-A-CRUSHED-MASONRY-PILE-1

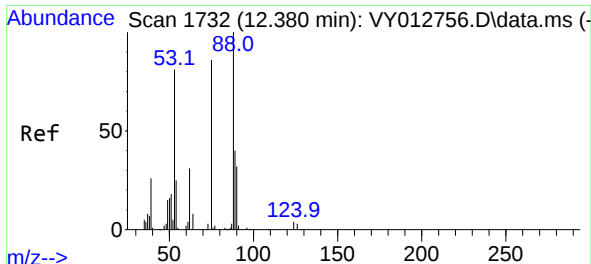
Tgt Ion:152 Resp: 50108
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 156.3 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 37.335 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

Tgt Ion: 75 Resp: 22340
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

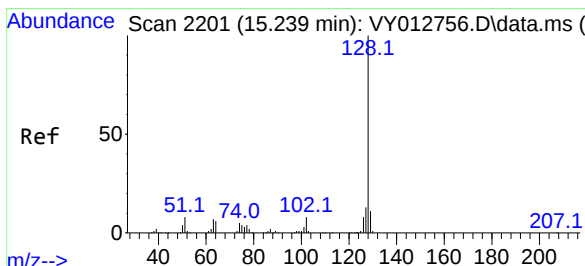
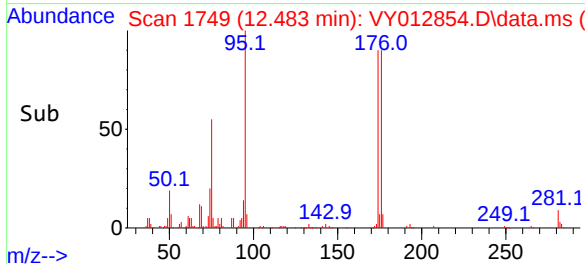
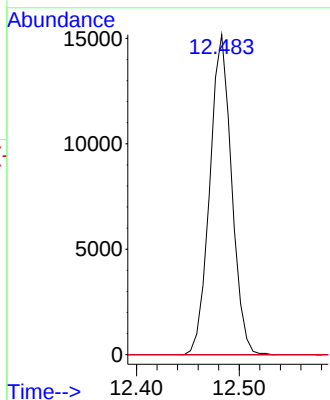
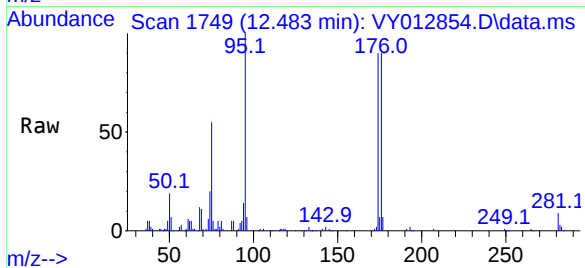




#81
trans-1,4-Dichloro-2-butene
Concen: 77.359 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

Instrument :
MSVOA_Y
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

Tgt Ion: 75 Resp: 22340
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 2.864 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

Tgt Ion:128 Resp: 5315
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 10.4 8.6 13.0

