

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010256.D
 Acq On : 31 Aug 2022 19:25
 Operator : KP/MD
 Sample : N4431-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONARY-PILE-4

Quant Time: Aug 31 23:42:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

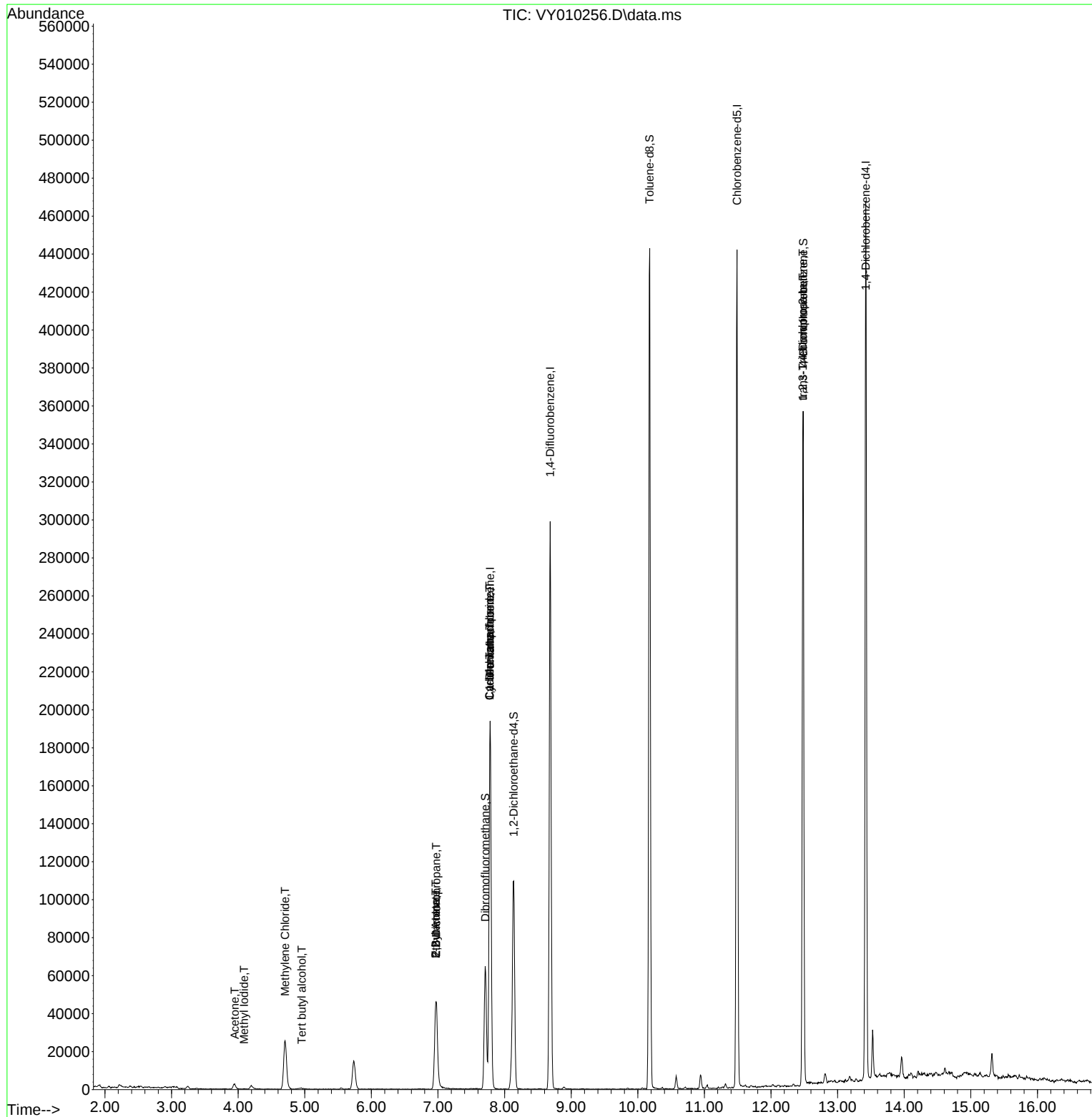
Internal Standards						
1) Pentafluorobenzene	7.783	168	159814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83880	62.249	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.500%			
35) Dibromofluoromethane	7.710	113	46360	32.025	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 64.040%			
50) Toluene-d8	10.179	98	301143	53.893	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.780%			
62) 4-Bromofluorobenzene	12.483	95	109117	52.365	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.720%			
Target Compounds						Qvalue
10) Methyl Iodide	4.088	142	282	1.585	ug/l #	35
11) Tert butyl alcohol	4.954	59	1016	7.547	ug/l #	77
16) Acetone	3.948	43	5234	18.500	ug/l	99
20) Methylene Chloride	4.704	84	19797	11.884	ug/l #	82
25) 2-Butanone	6.966	43	2862	5.874	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	3613	1.571	ug/l #	55
31) Cyclohexane	7.777	56	2575	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	10751	4.713	ug/l #	51
37) Ethyl Acetate	6.966	43	2862	2.381	ug/l #	1
38) Carbon Tetrachloride	7.777	117	14610	5.582	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	53220	42.381	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53220	88.421	ug/l #	7

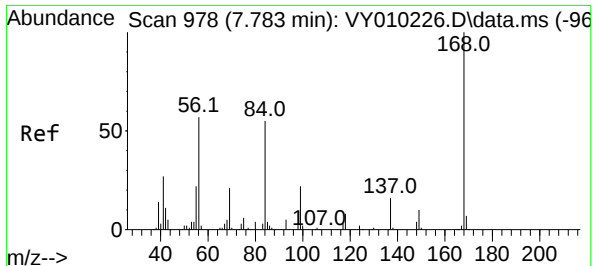
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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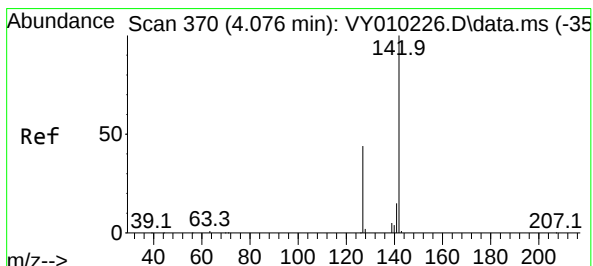
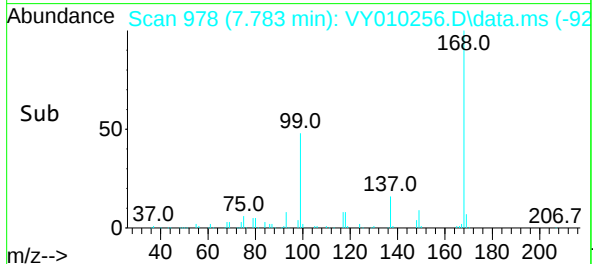
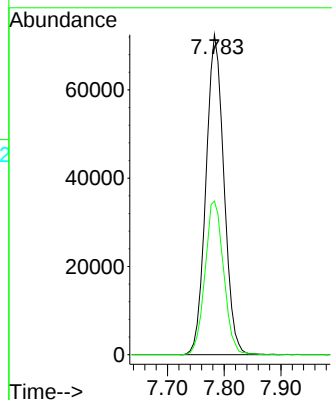
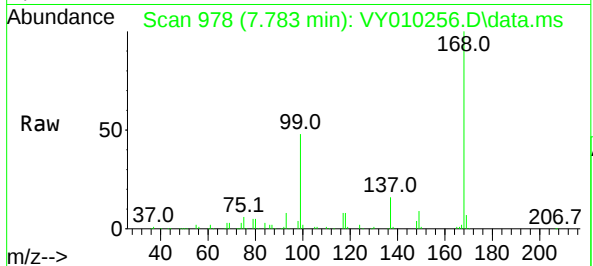




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

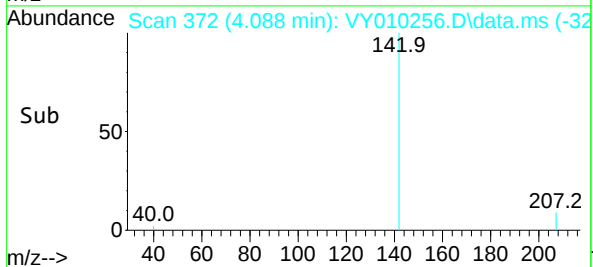
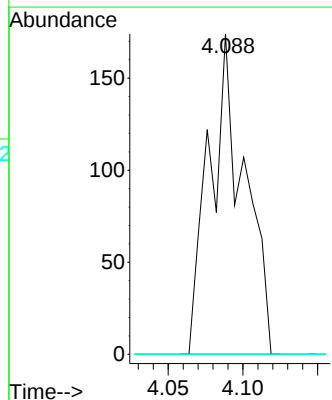
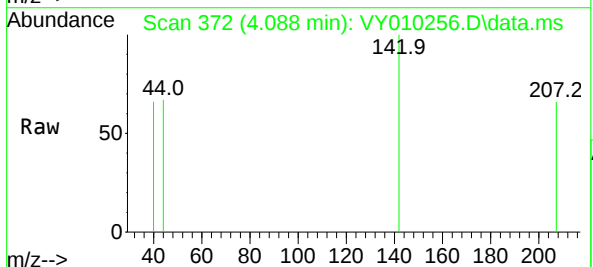
Instrument :
MSVOA_Y
ClientSampleId :
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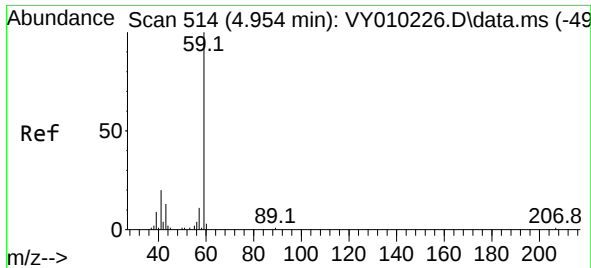
Tgt Ion:168 Resp: 159814
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.585 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Tgt Ion:142 Resp: 282
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

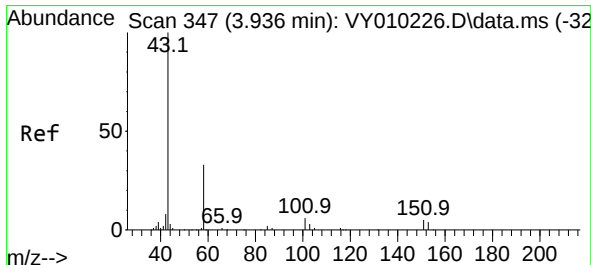
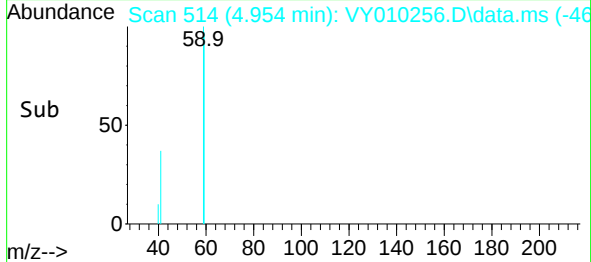
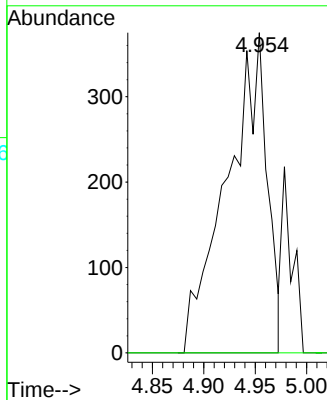
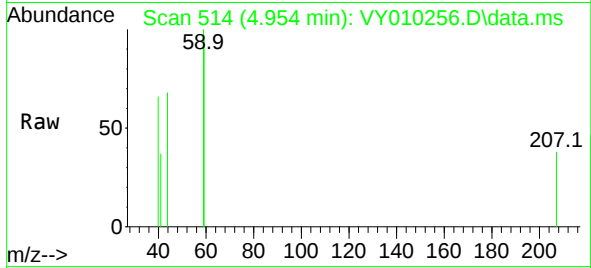




#11
Tert butyl alcohol
Concen: 7.547 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

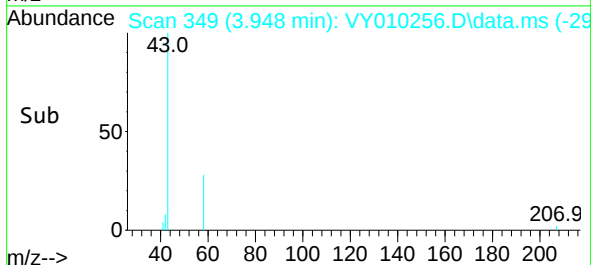
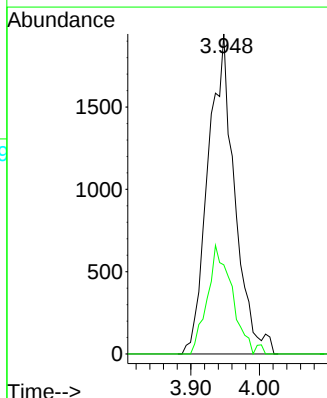
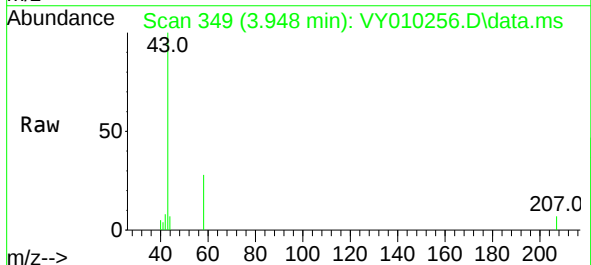
Instrument : MSVOA_Y
ClientSampleId : CRUSHED-MASONARY-PILE-4

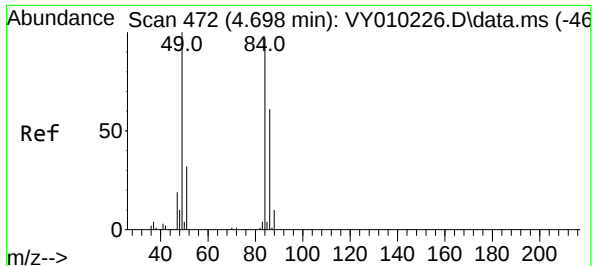
Tgt Ion: 59 Resp: 1016
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 18.500 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Tgt Ion: 43 Resp: 5234
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0

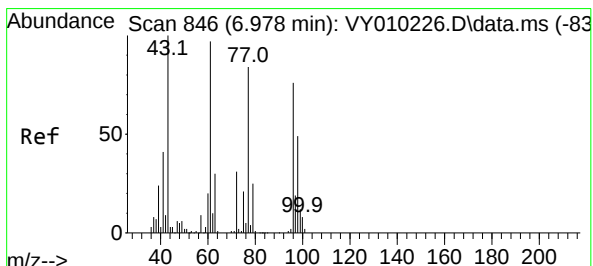
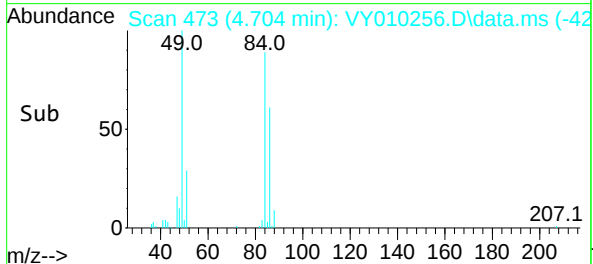
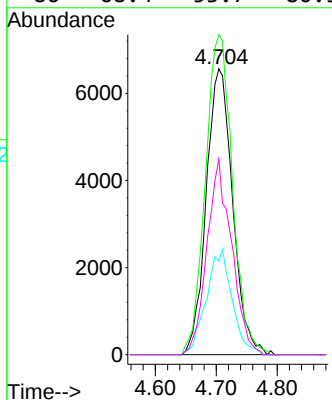
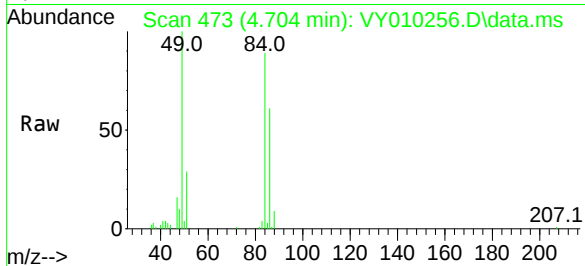




#20
Methylene Chloride
Concen: 11.884 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

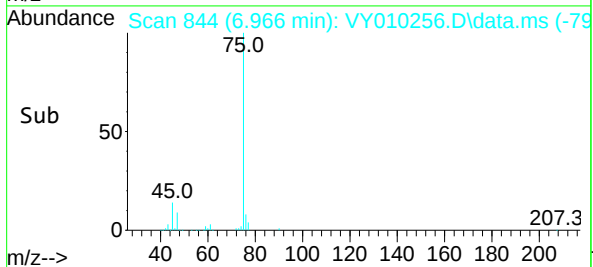
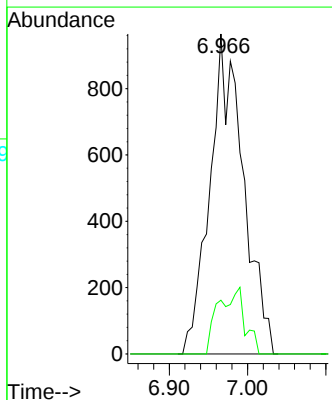
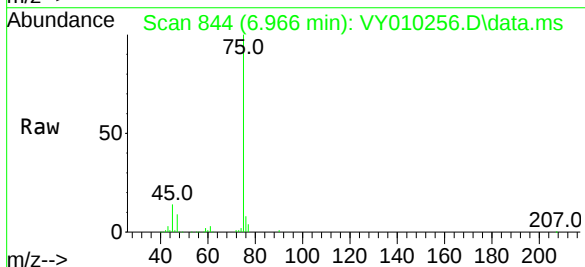
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-4

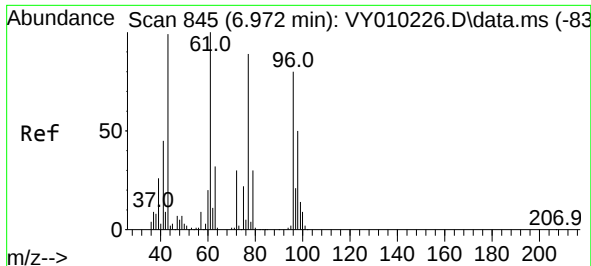
Tgt Ion:	84	Resp:	19797
Ion	Ratio	Lower	Upper
84	100		
49	112.0	114.4	171.6#
51	32.8	35.3	52.9#
86	68.4	53.7	80.5



#25
2-Butanone
Concen: 5.874 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Tgt Ion:	43	Resp:	2862
Ion	Ratio	Lower	Upper
43	100		
72	16.8	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 1.571 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY010256.D

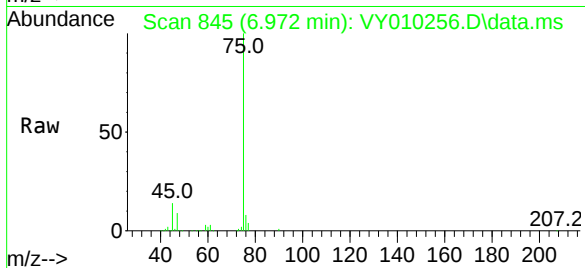
Acq: 31 Aug 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONARY-PILE-4

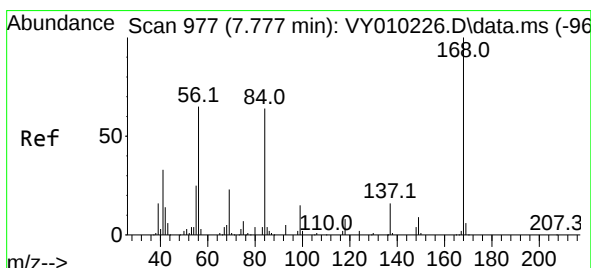
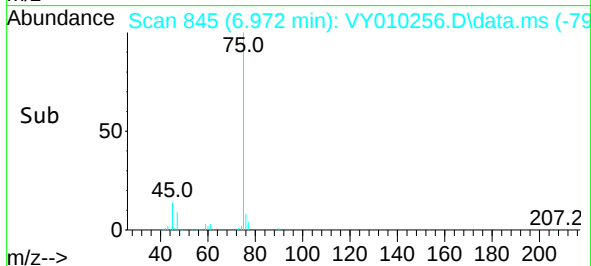
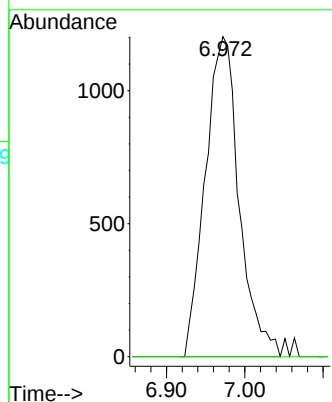


Tgt Ion: 77 Resp: 3613

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.071 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY010256.D

Acq: 31 Aug 2022 19:25

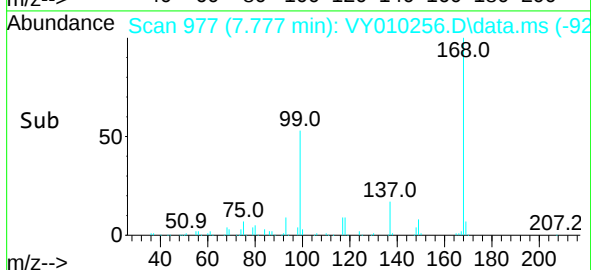
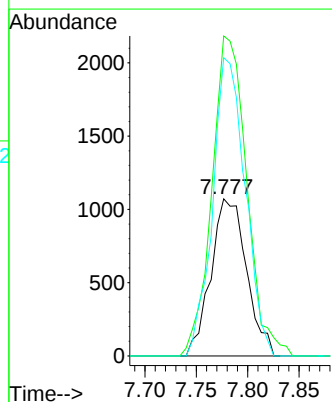
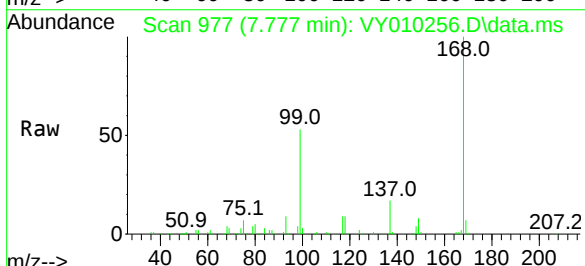
Tgt Ion: 56 Resp: 2575

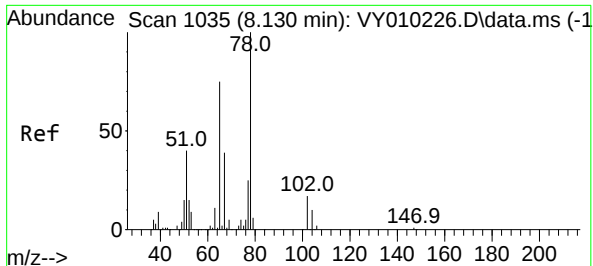
Ion Ratio Lower Upper

56 100

69 203.7 26.7 40.1#

84 189.9 67.2 100.8#

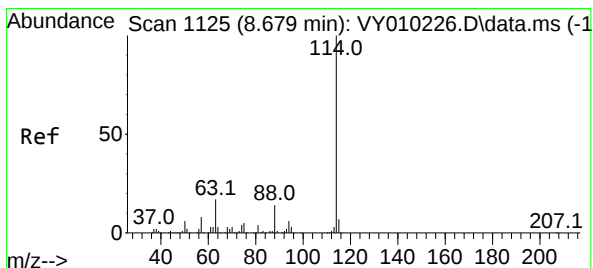
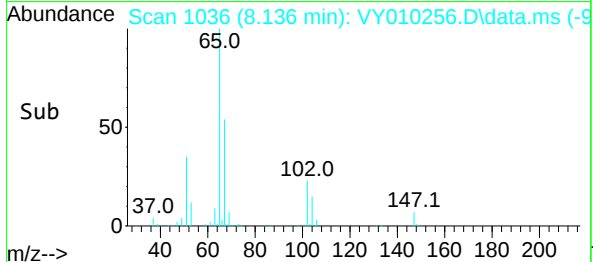
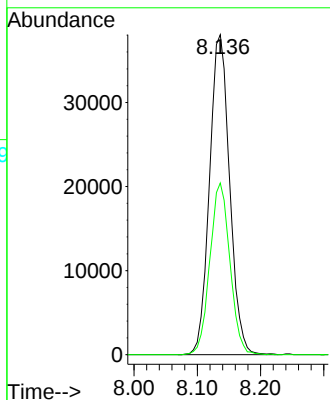
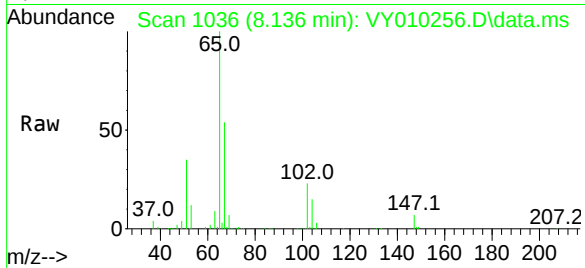




#33
1,2-Dichloroethane-d4
Concen: 62.249 ug/l
RT: 8.136 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

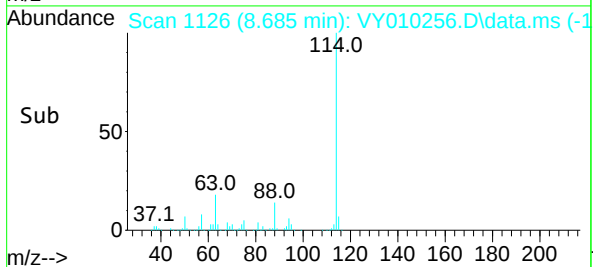
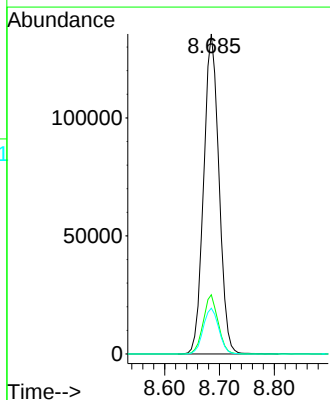
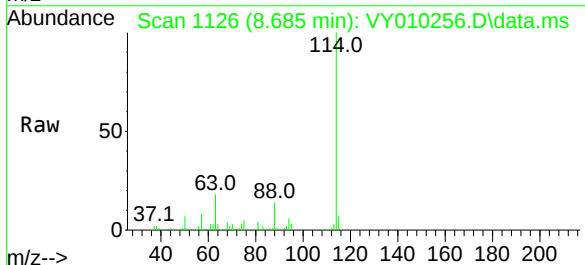
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CRUSHED-MASONARY-PILE-4

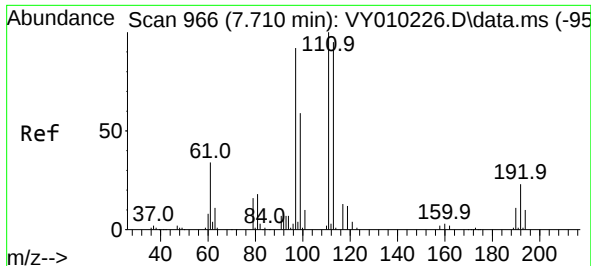
Tgt Ion: 65 Resp: 83880
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Tgt Ion: 114 Resp: 261544
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.2
88 14.3 0.0 31.8

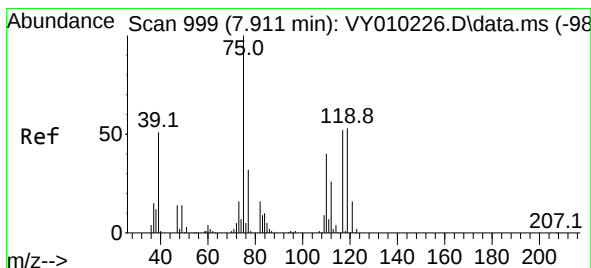
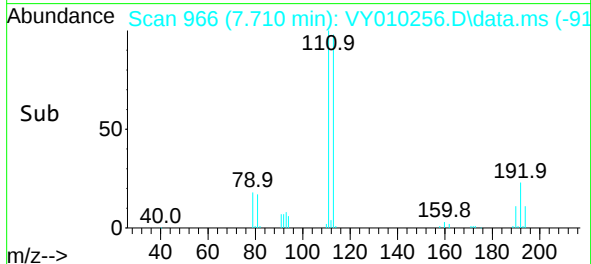
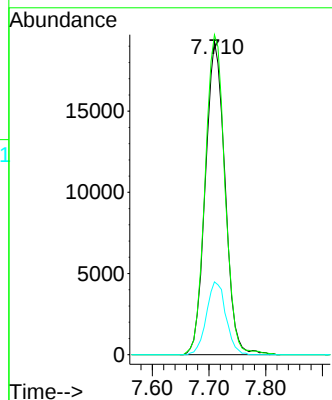
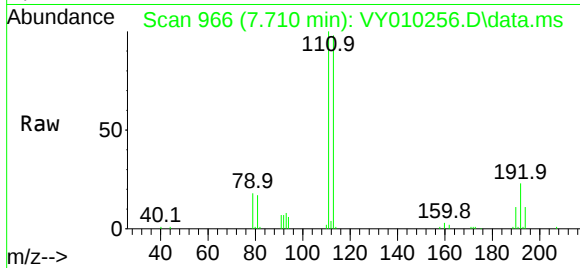




#35
Dibromofluoromethane
Concen: 32.025 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

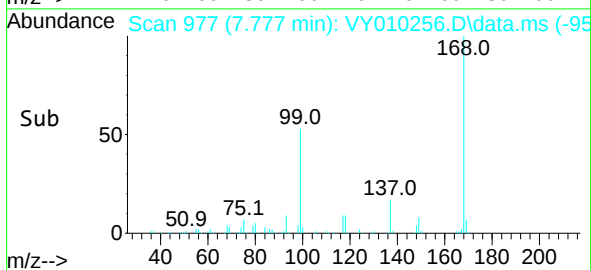
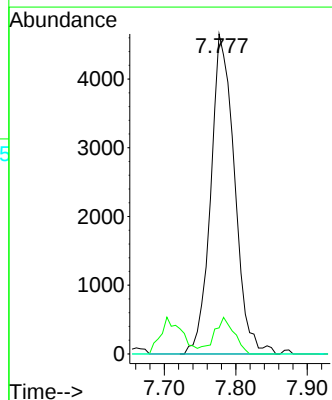
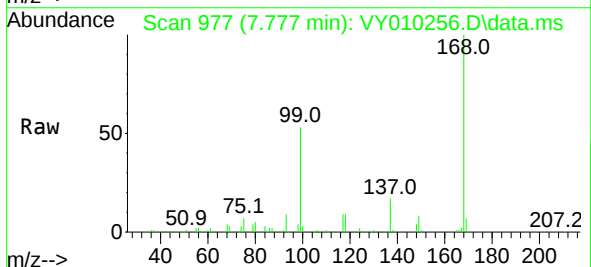
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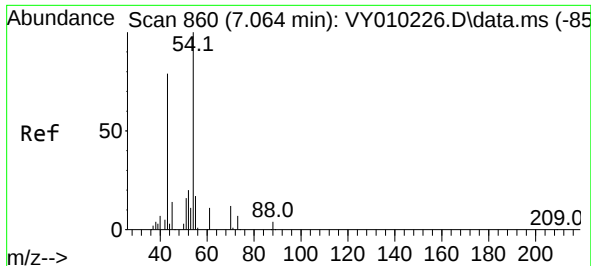
Tgt Ion:113 Resp: 46360
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 23.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.713 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Tgt Ion: 75 Resp: 10751
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.381 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY010256.D

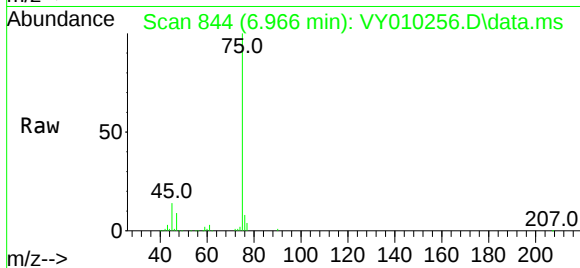
Acq: 31 Aug 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONARY-PILE-4



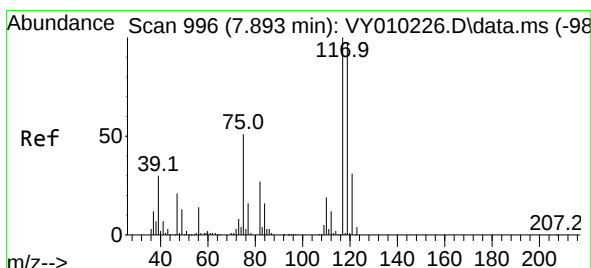
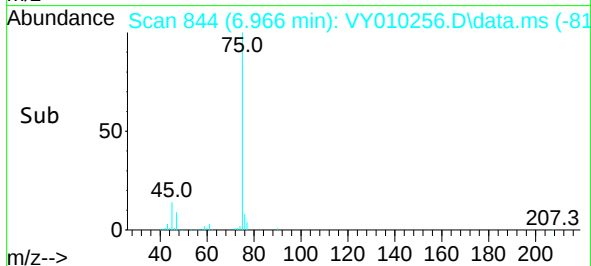
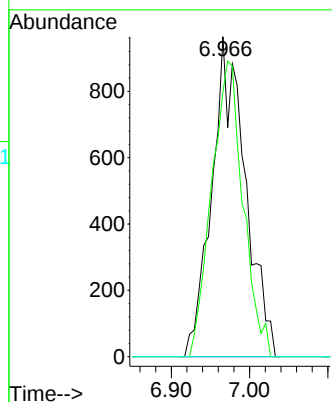
Tgt Ion: 43 Resp: 2862

Ion Ratio Lower Upper

43 100

61 86.9 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.582 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY010256.D

Acq: 31 Aug 2022 19:25

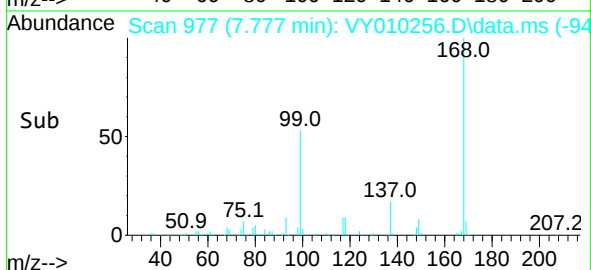
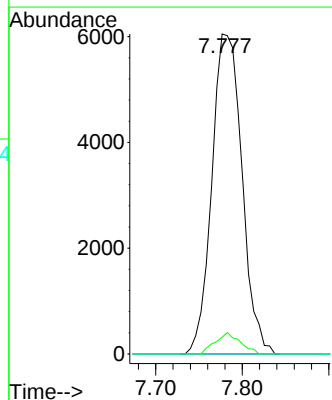
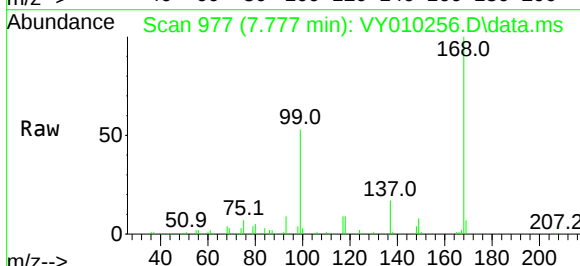
Tgt Ion: 117 Resp: 14610

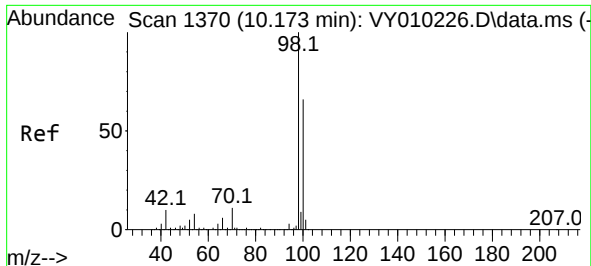
Ion Ratio Lower Upper

117 100

119 5.2 77.9 116.9#

121 0.0 24.8 37.2#

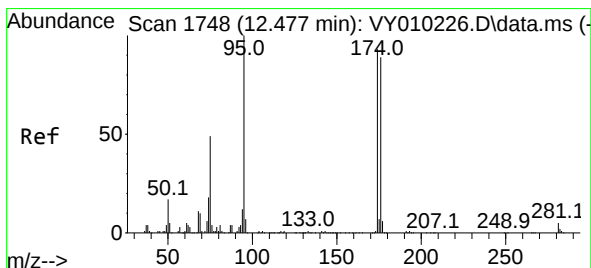
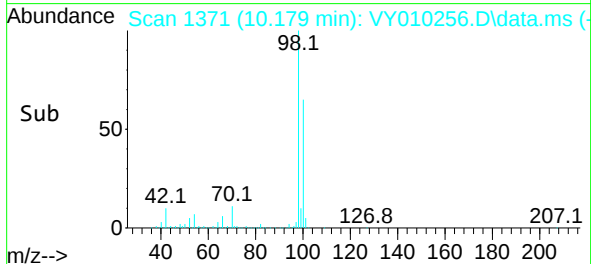
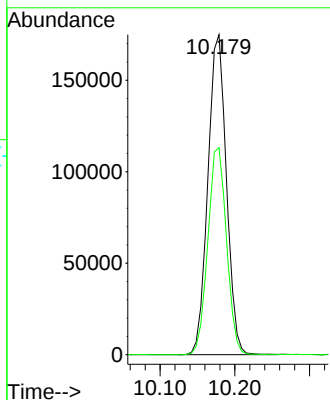
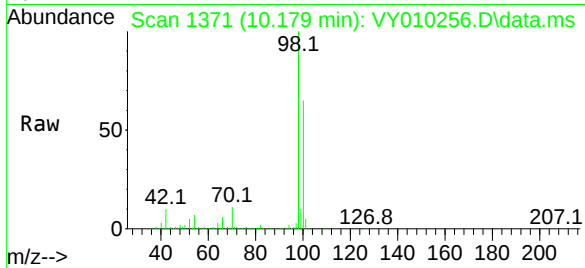




#50
Toluene-d8
Concen: 53.893 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

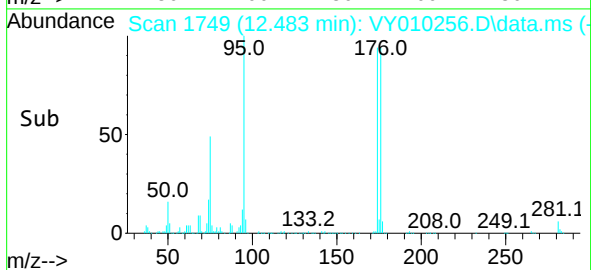
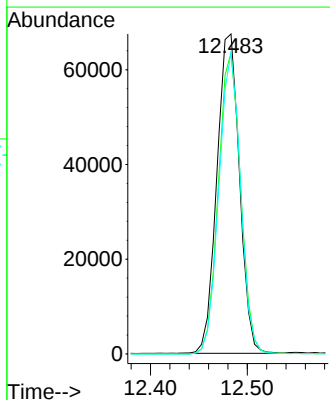
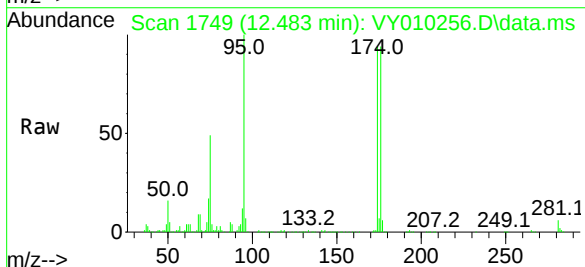
Instrument : MSVOA_Y
ClientSampleId : CRUSHED-MASONARY-PILE-4

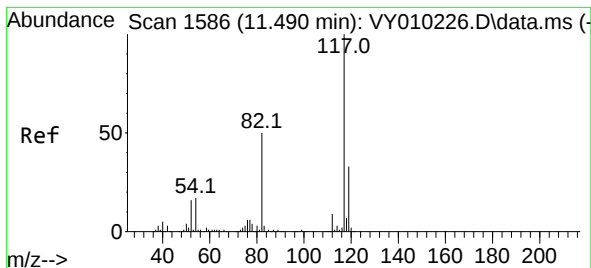
Tgt Ion: 98 Resp: 301143
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.365 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Tgt Ion: 95 Resp: 109117
Ion Ratio Lower Upper
95 100
174 92.9 0.0 177.0
176 90.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010256.D

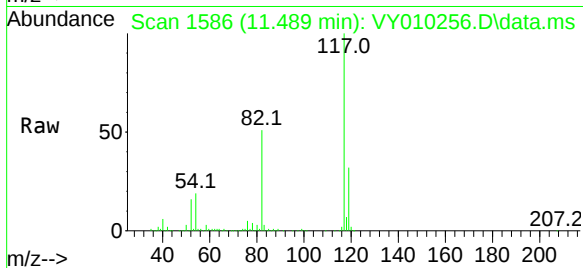
Acq: 31 Aug 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONARY-PILE-4



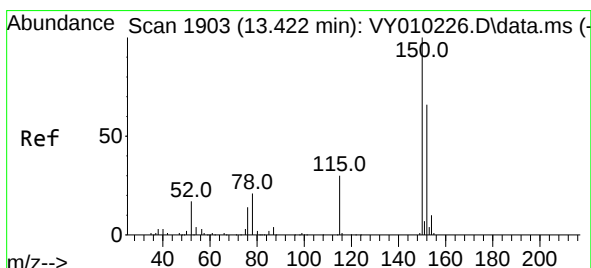
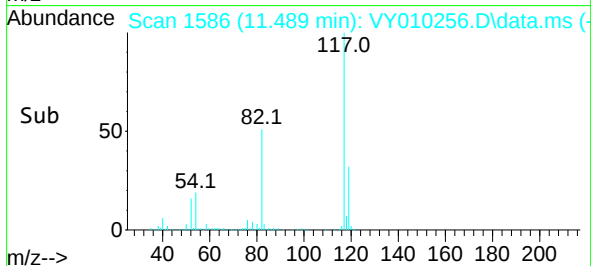
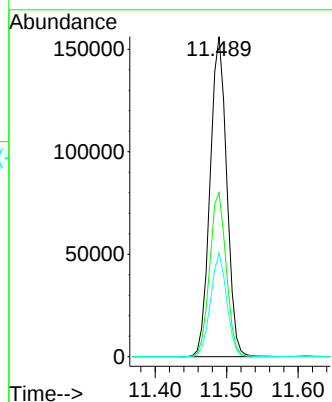
Tgt Ion:117 Resp: 252946

Ion Ratio Lower Upper

117 100

82 51.3 43.0 64.4

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010256.D

Acq: 31 Aug 2022 19:25

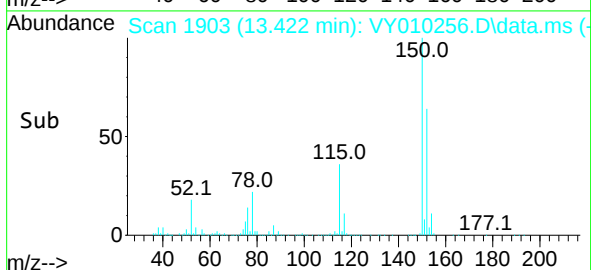
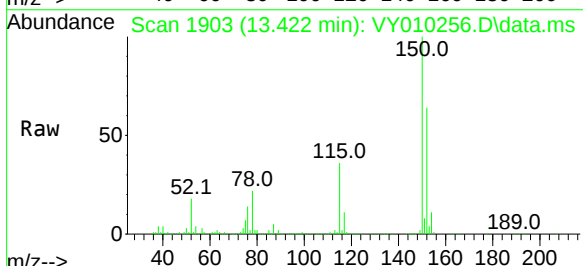
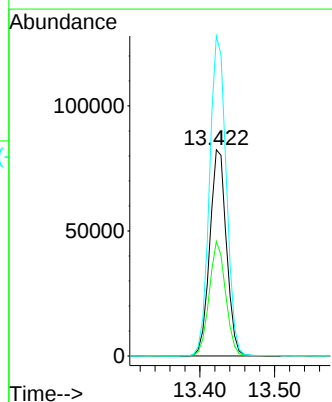
Tgt Ion:152 Resp: 127707

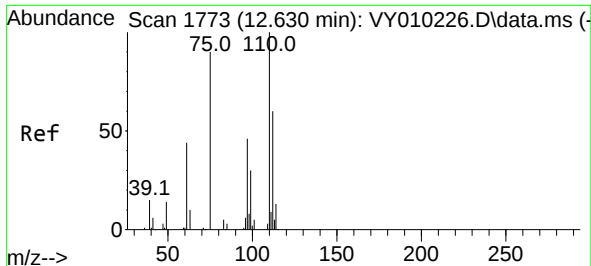
Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 155.5 0.0 347.6

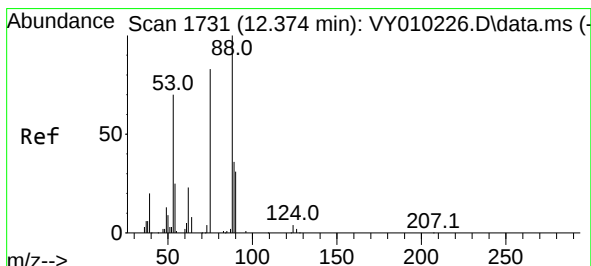
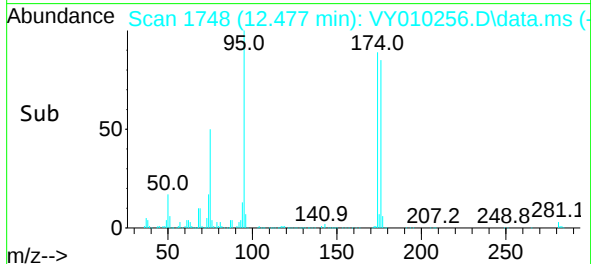
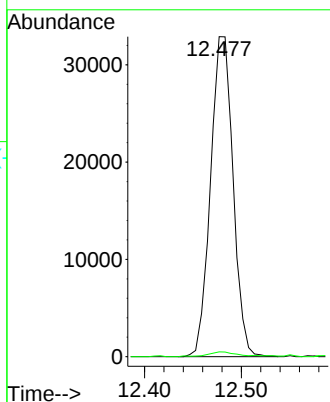
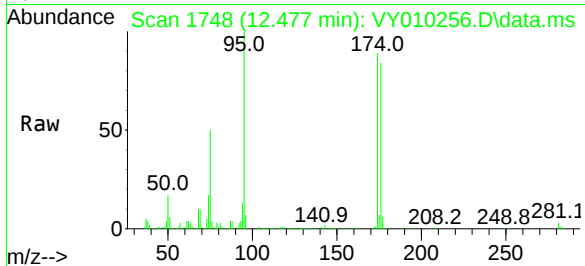




#76
1,2,3-Trichloropropane
Concen: 42.381 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion: 75 Resp: 53220
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.421 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Tgt Ion: 75 Resp: 53220
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.0 37.0 55.4#

