

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010255.D
 Acq On : 31 Aug 2022 19:01
 Operator : KP/MD
 Sample : N4430-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONARY-PILE-3

Quant Time: Aug 31 23:42:37 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)

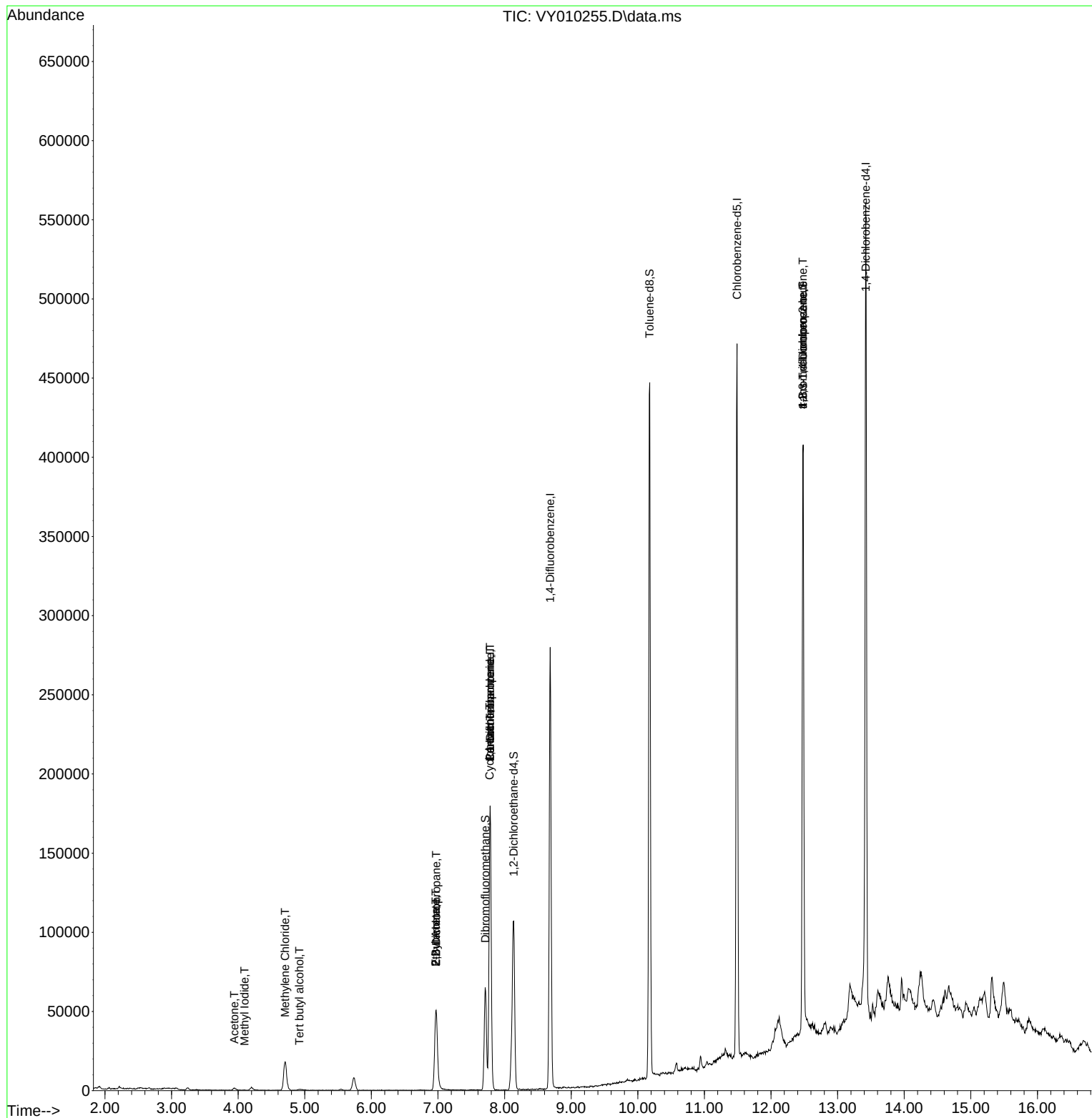
Internal Standards						
1) Pentafluorobenzene	7.782	168	149485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79144	62.764	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.520%	
35) Dibromofluoromethane	7.709	113	46221	33.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 66.620%	
50) Toluene-d8	10.178	98	301037	56.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.400%	
62) 4-Bromofluorobenzene	12.477	95	116825	58.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.420%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	189	1.546	ug/l #	35
11) Tert butyl alcohol	4.917	59	804	6.385	ug/l #	77
16) Acetone	3.942	43	2597	9.814	ug/l #	88
20) Methylene Chloride	4.704	84	14192	9.108	ug/l #	79
25) 2-Butanone	6.966	43	2778	6.095	ug/l	99
26) 2,2-Dichloropropane	6.972	77	3923	1.824	ug/l #	55
31) Cyclohexane	7.776	56	2490	1.107	ug/l #	8
36) 1,1-Dichloropropene	7.782	75	9641	4.426	ug/l #	52
37) Ethyl Acetate	6.966	43	2778	2.420	ug/l #	1
38) Carbon Tetrachloride	7.782	117	13527	5.412	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	55846	43.432	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	55846	90.613	ug/l #	8

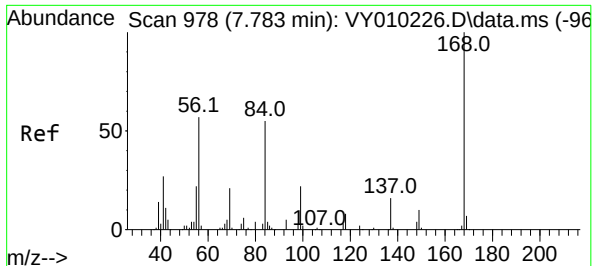
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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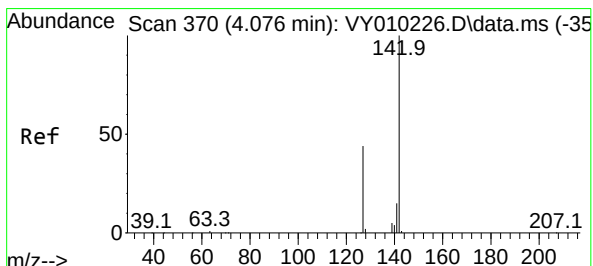
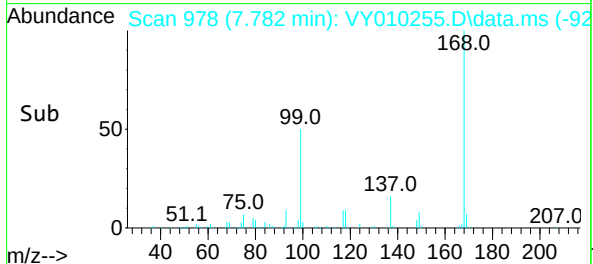
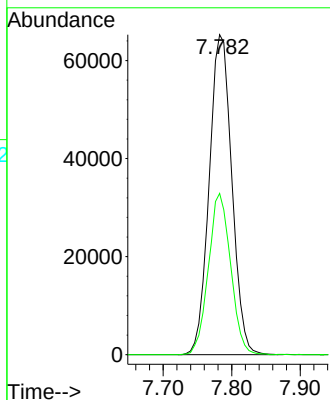
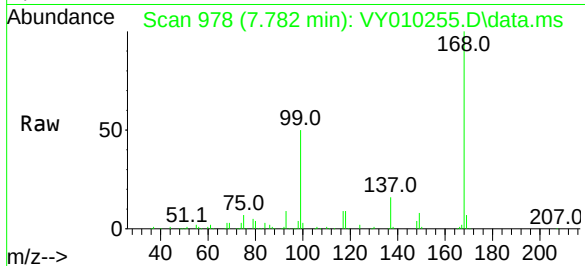




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

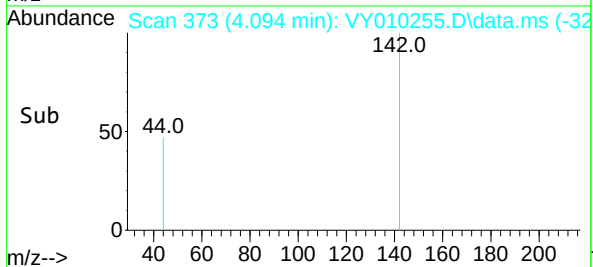
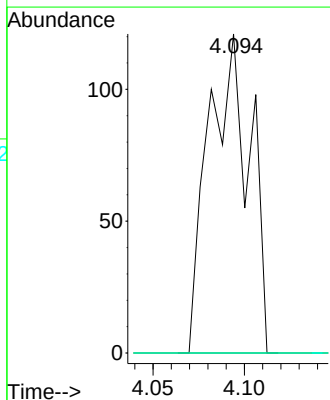
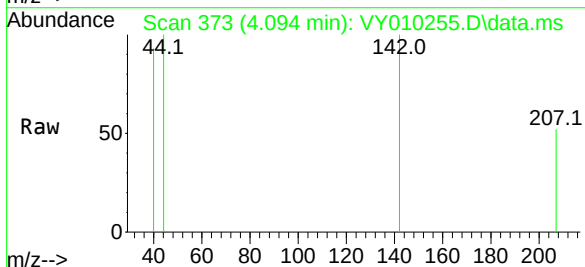
Instrument :
MSVOA_Y
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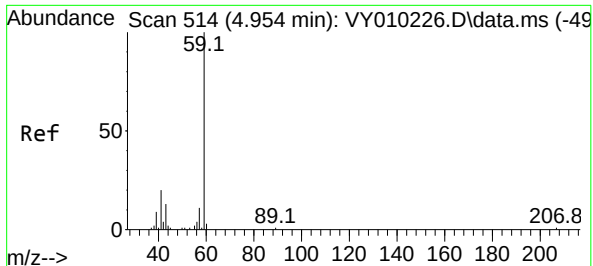
Tgt Ion:168 Resp: 149485
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#10
Methyl Iodide
Concen: 1.546 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.018 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Tgt Ion:142 Resp: 189
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: 6.385 ug/l

RT: 4.917 min Scan# 508

Delta R.T. -0.037 min

Lab File: VY010255.D

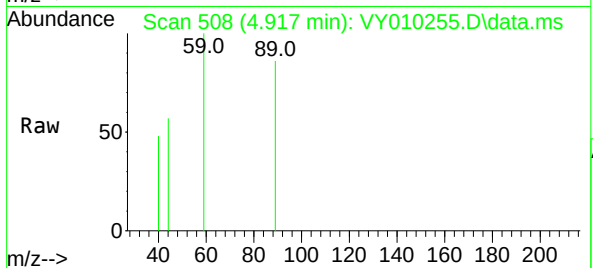
Acq: 31 Aug 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONARY-PILE-3

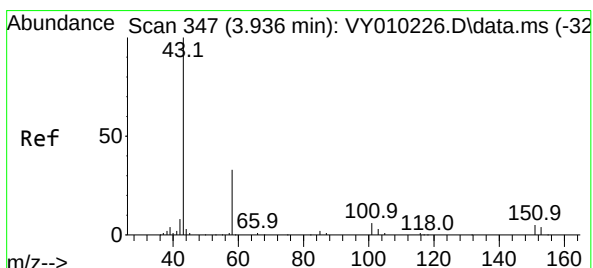
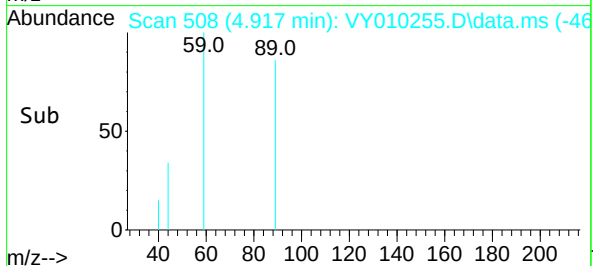
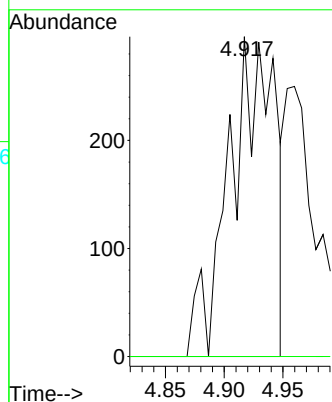


Tgt Ion: 59 Resp: 804

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 9.814 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY010255.D

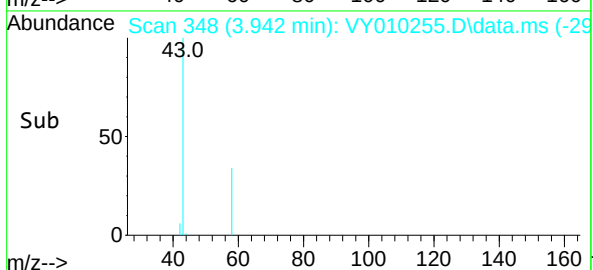
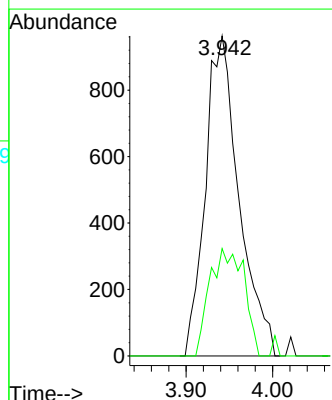
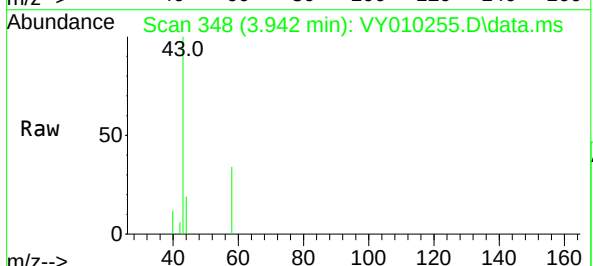
Acq: 31 Aug 2022 19:01

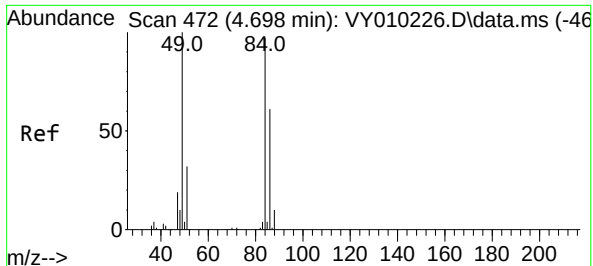
Tgt Ion: 43 Resp: 2597

Ion Ratio Lower Upper

43 100

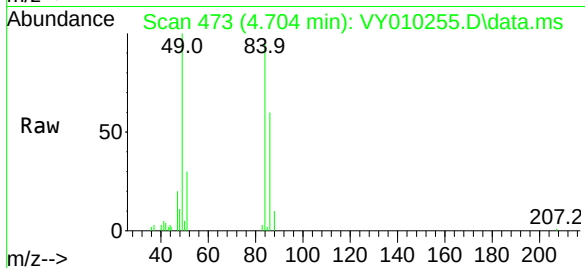
58 33.5 22.0 33.0#



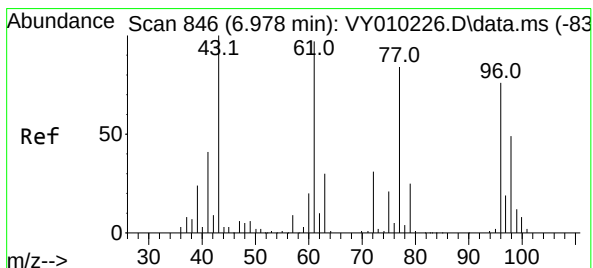
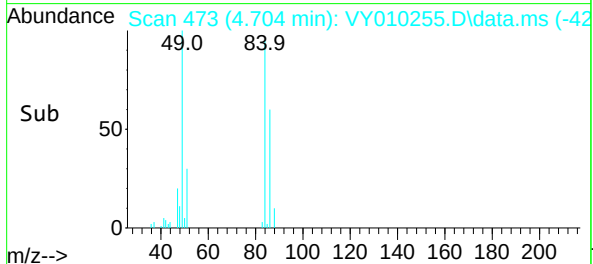
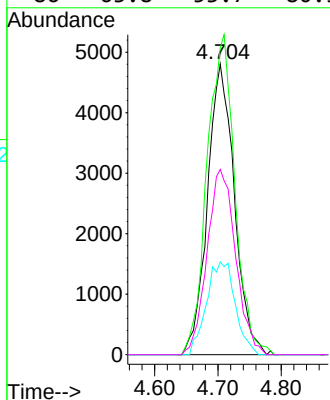


#20
Methylene Chloride
Concen: 9.108 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-3

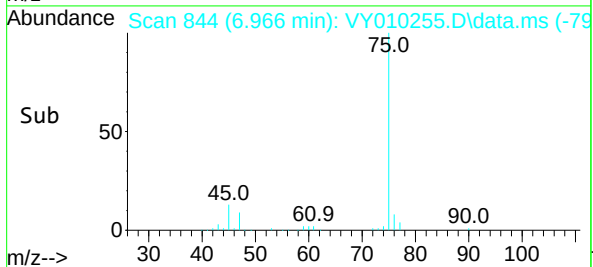
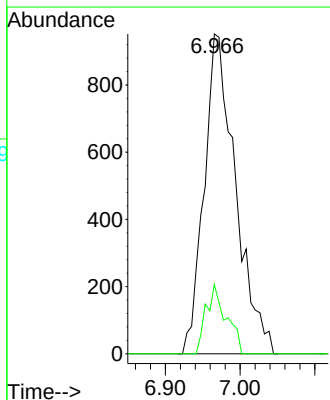
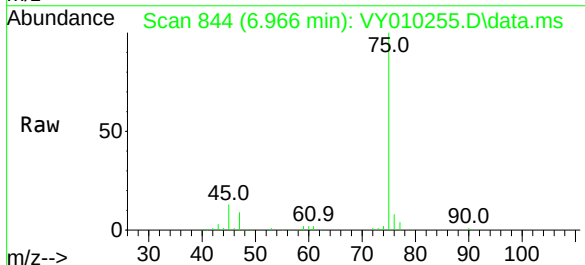


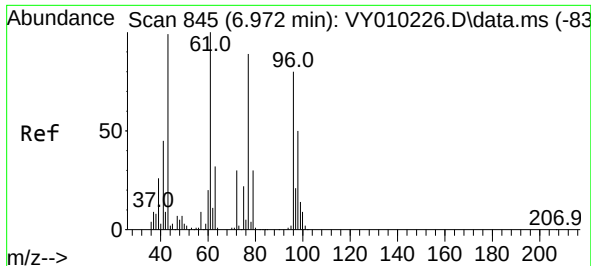
Tgt Ion: 84 Resp: 14192
Ion Ratio Lower Upper
84 100
49 105.7 114.4 171.6#
51 31.9 35.3 52.9#
86 63.8 53.7 80.5



#25
2-Butanone
Concen: 6.095 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.013 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Tgt Ion: 43 Resp: 2778
Ion Ratio Lower Upper
43 100
72 21.6 17.7 26.5





#26

2,2-Dichloropropane

Concen: 1.824 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY010255.D

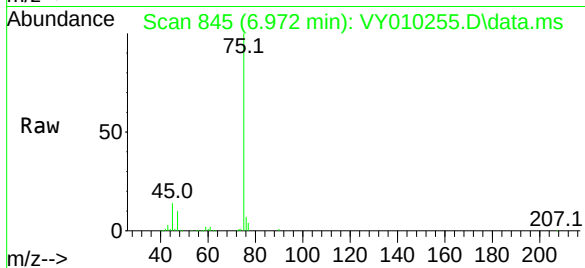
Acq: 31 Aug 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONARY-PILE-3

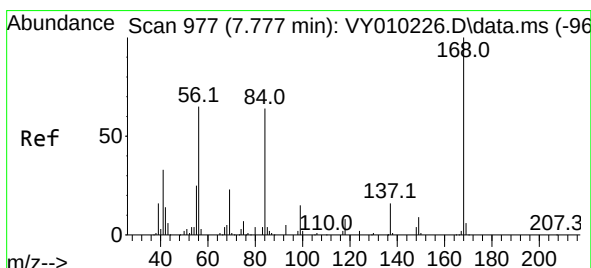
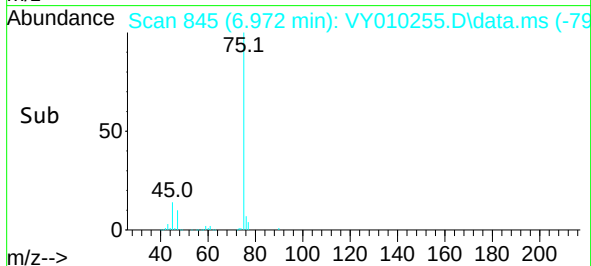
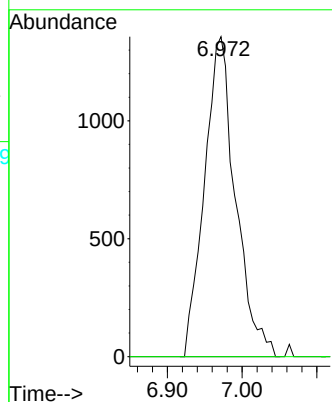


Tgt Ion: 77 Resp: 3923

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.107 ug/l

RT: 7.776 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY010255.D

Acq: 31 Aug 2022 19:01

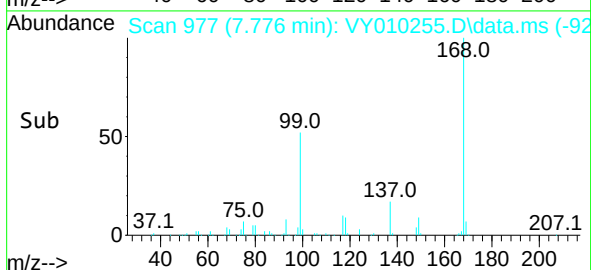
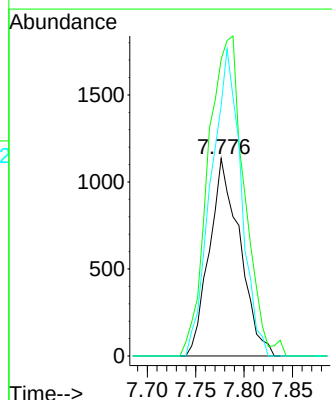
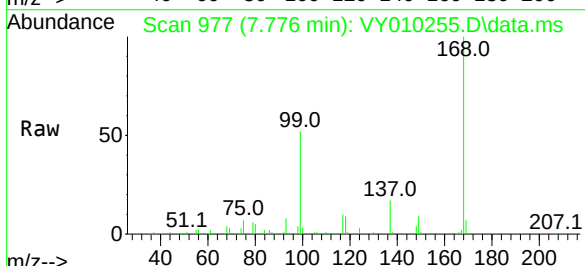
Tgt Ion: 56 Resp: 2490

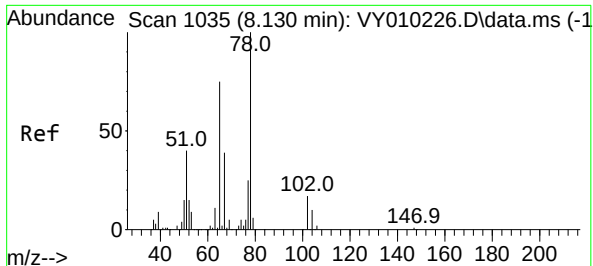
Ion Ratio Lower Upper

56 100

69 150.3 26.7 40.1#

84 126.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.764 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010255.D

Acq: 31 Aug 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

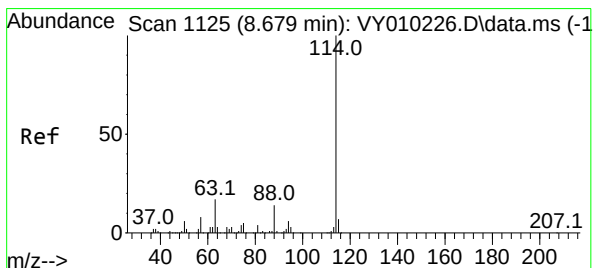
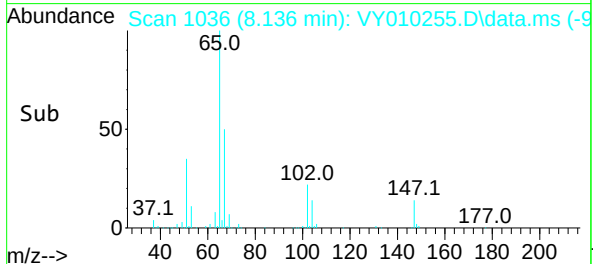
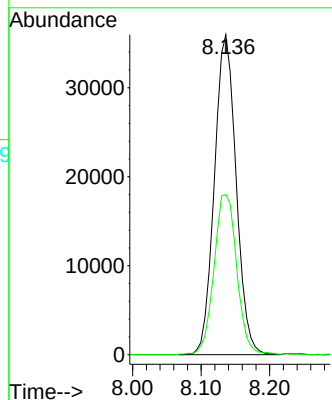
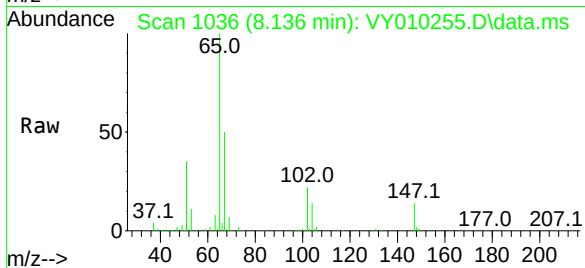
CRUSHED-MASONARY-PILE-3

Tgt Ion: 65 Resp: 79144

Ion Ratio Lower Upper

65 100

67 52.7 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: VY010255.D

Acq: 31 Aug 2022 19:01

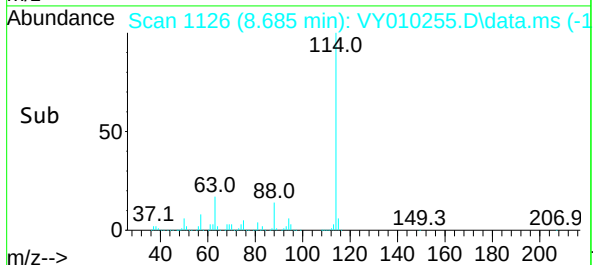
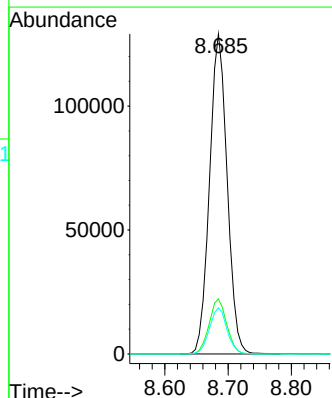
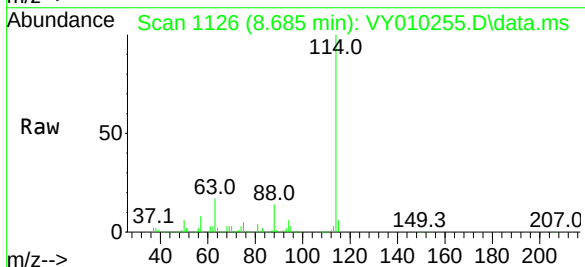
Tgt Ion: 114 Resp: 249772

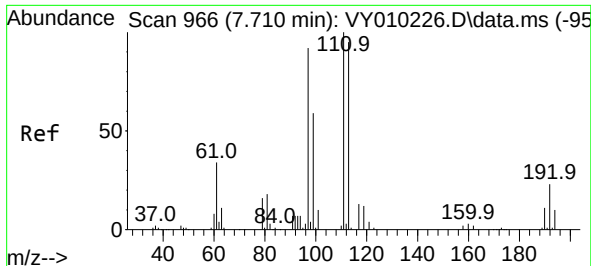
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.5 0.0 31.8

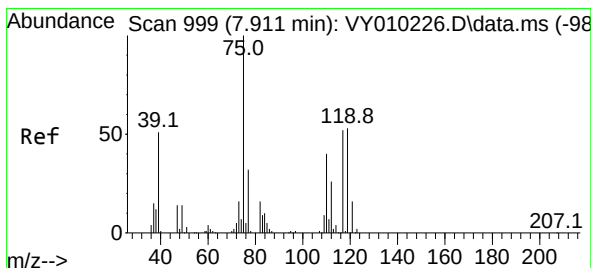
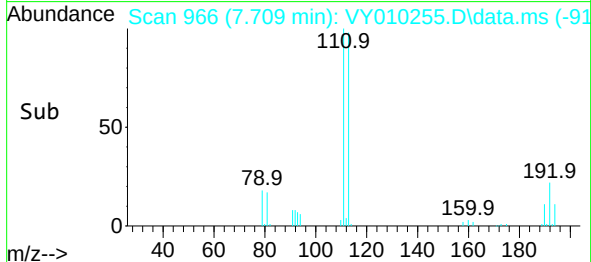
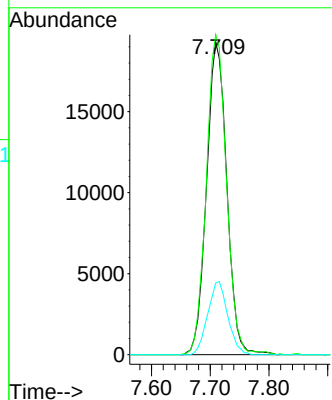
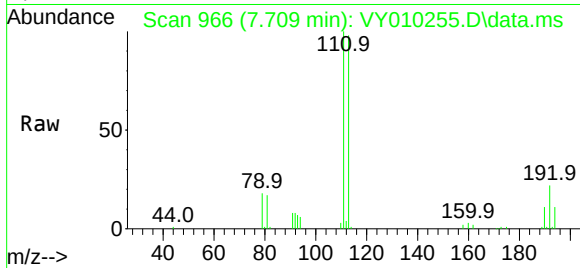




#35
Dibromofluoromethane
Concen: 33.311 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

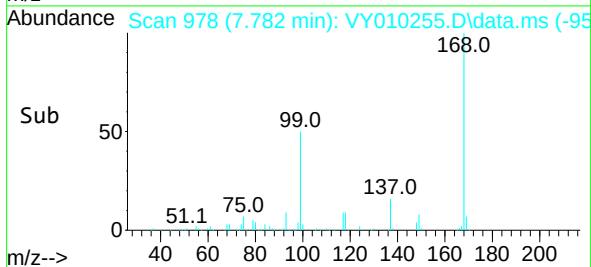
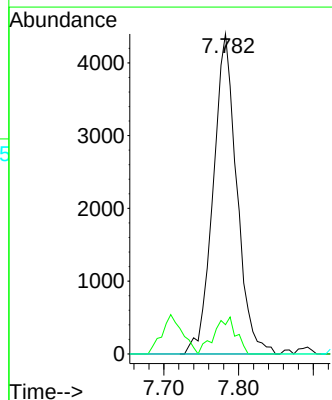
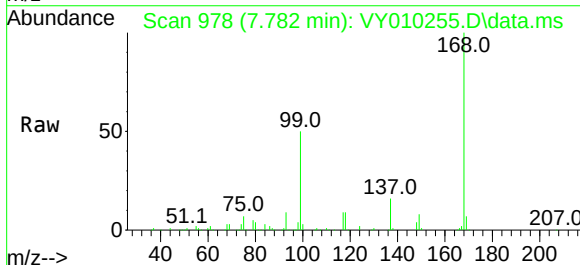
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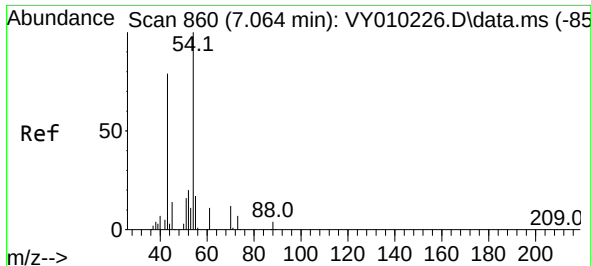
Tgt Ion:113 Resp: 46221
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 23.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.129 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Tgt Ion: 75 Resp: 9641
Ion Ratio Lower Upper
75 100
110 10.7 17.1 51.2#
77 0.0 24.4 36.6#

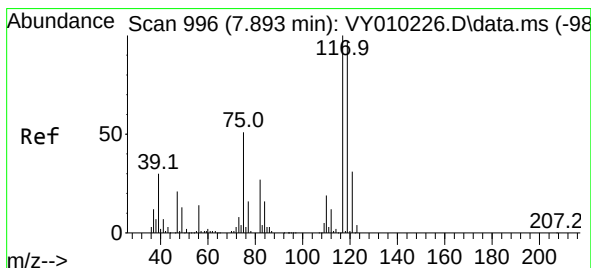
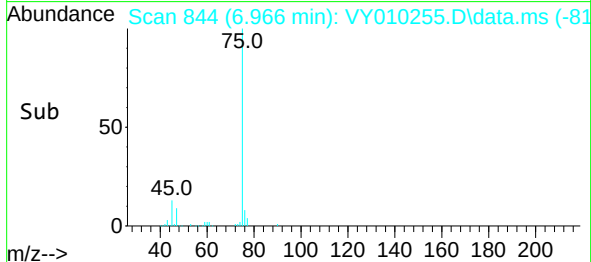
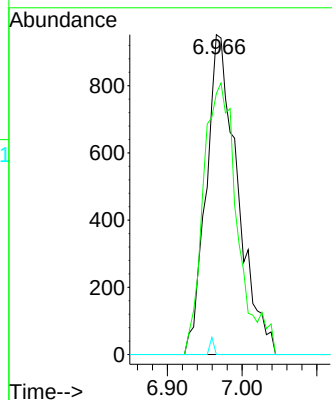
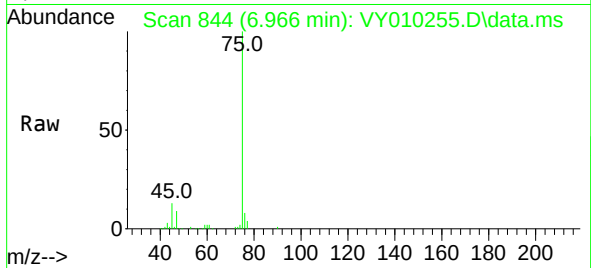




#37
Ethyl Acetate
Concen: 2.420 ug/l
RT: 6.966 min Scan# 841
Delta R.T. -0.098 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

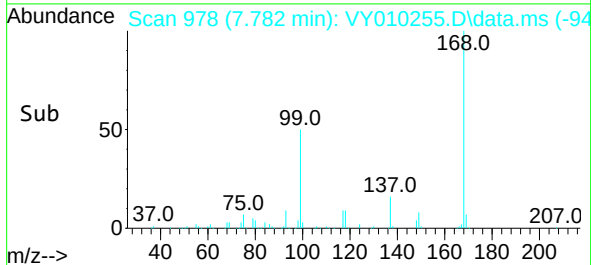
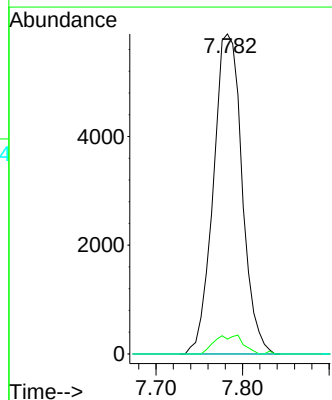
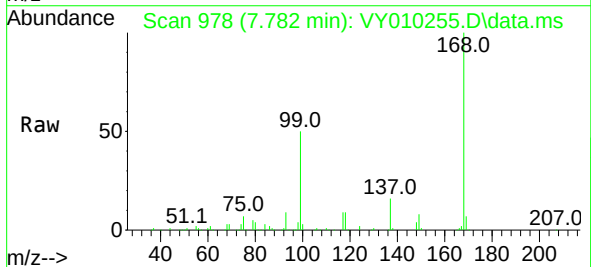
Instrument :
MSVOA_Y
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CRUSHED-MASONARY-PILE-3

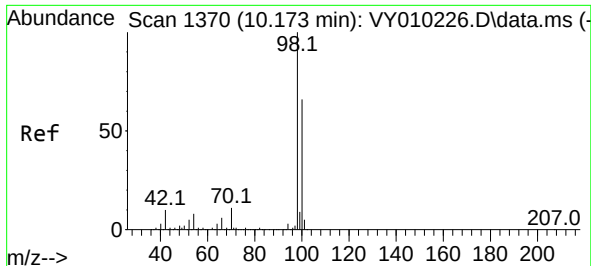
Tgt Ion: 43 Resp: 2778
Ion Ratio Lower Upper
43 100
61 92.3 9.7 14.5#
70 0.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.412 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Tgt Ion: 117 Resp: 13527
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#

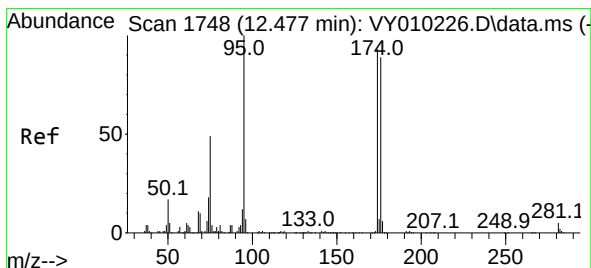
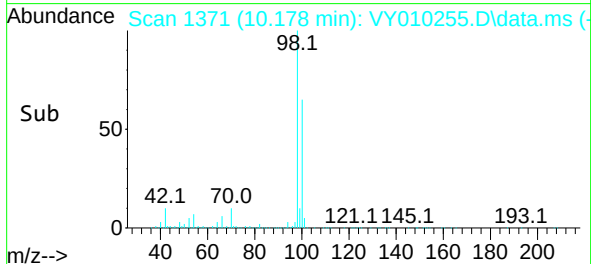
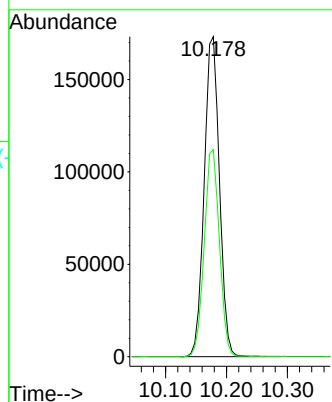
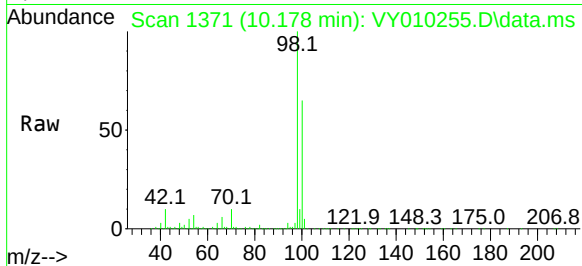




#50
Toluene-d8
Concen: 56.200 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

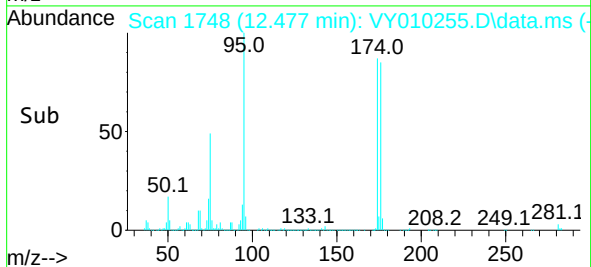
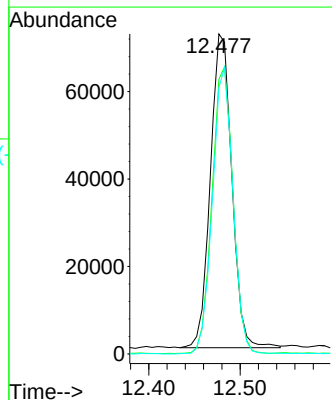
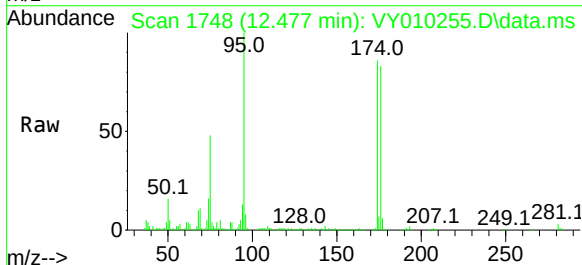
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-3

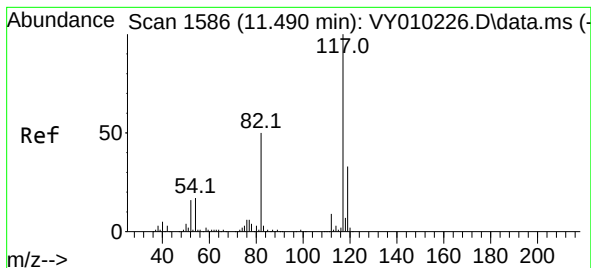
Tgt Ion: 98 Resp: 301037
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 58.706 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Tgt Ion: 95 Resp: 116825
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 87.5 0.0 175.8

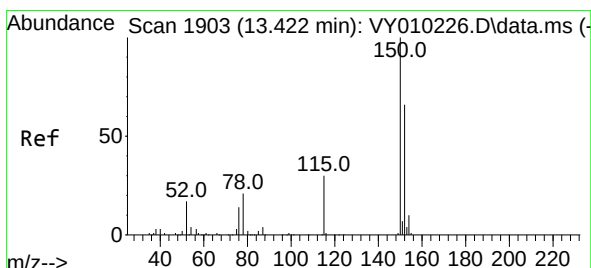
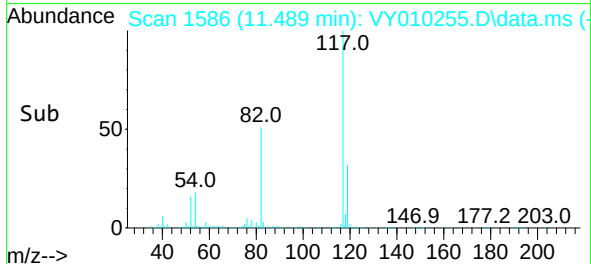
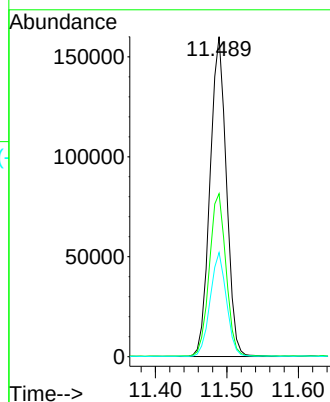
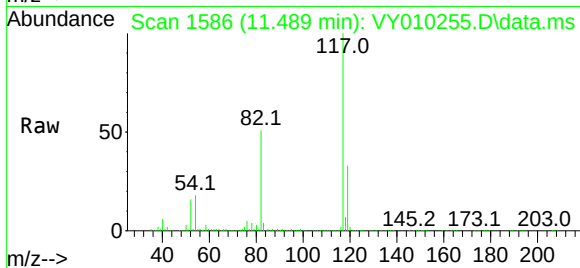




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

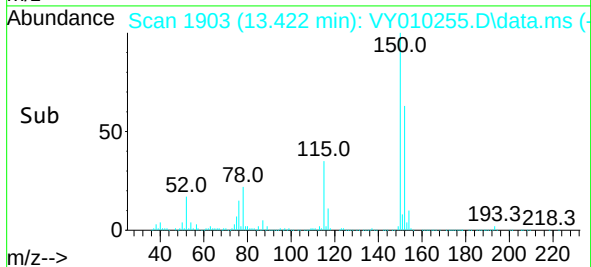
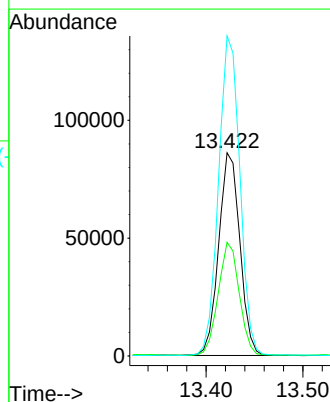
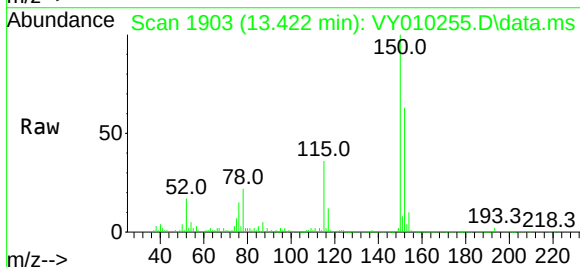
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-3

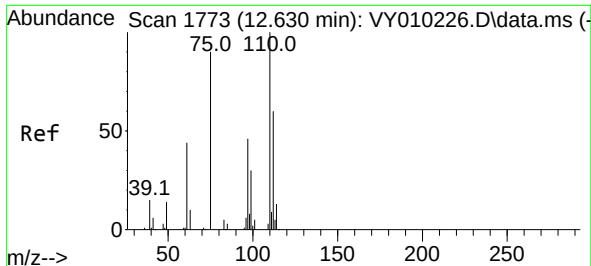
Tgt Ion:117 Resp: 254682
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.001 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Tgt Ion:152 Resp: 130767
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 159.1 0.0 347.6

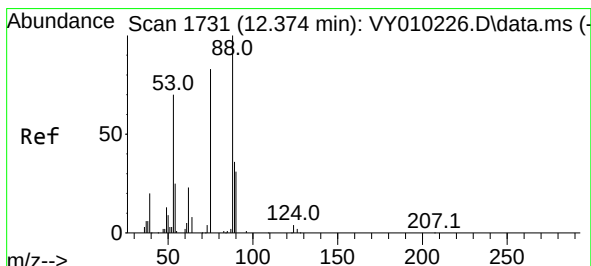
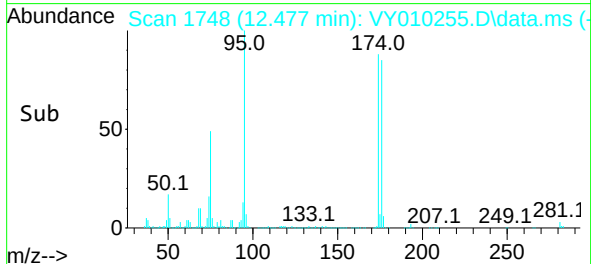
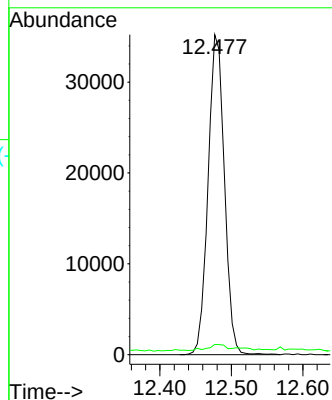
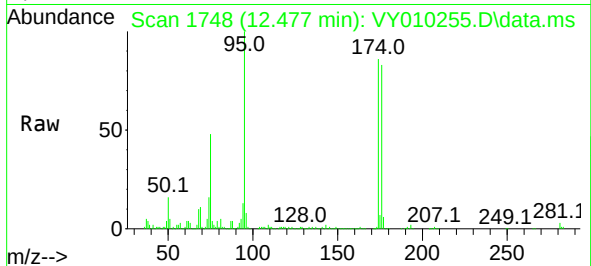




#76
1,2,3-Trichloropropane
Concen: 43.432 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion: 75 Resp: 55846
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.613 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Tgt Ion: 75 Resp: 55846
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.3 37.0 55.4#

