

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
 Data File : VY010737.D
 Acq On : 29 Sep 2022 17:30
 Operator : KP/MD
 Sample : N4897-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONRY-PILE-10

Quant Time: Sep 30 08:23:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

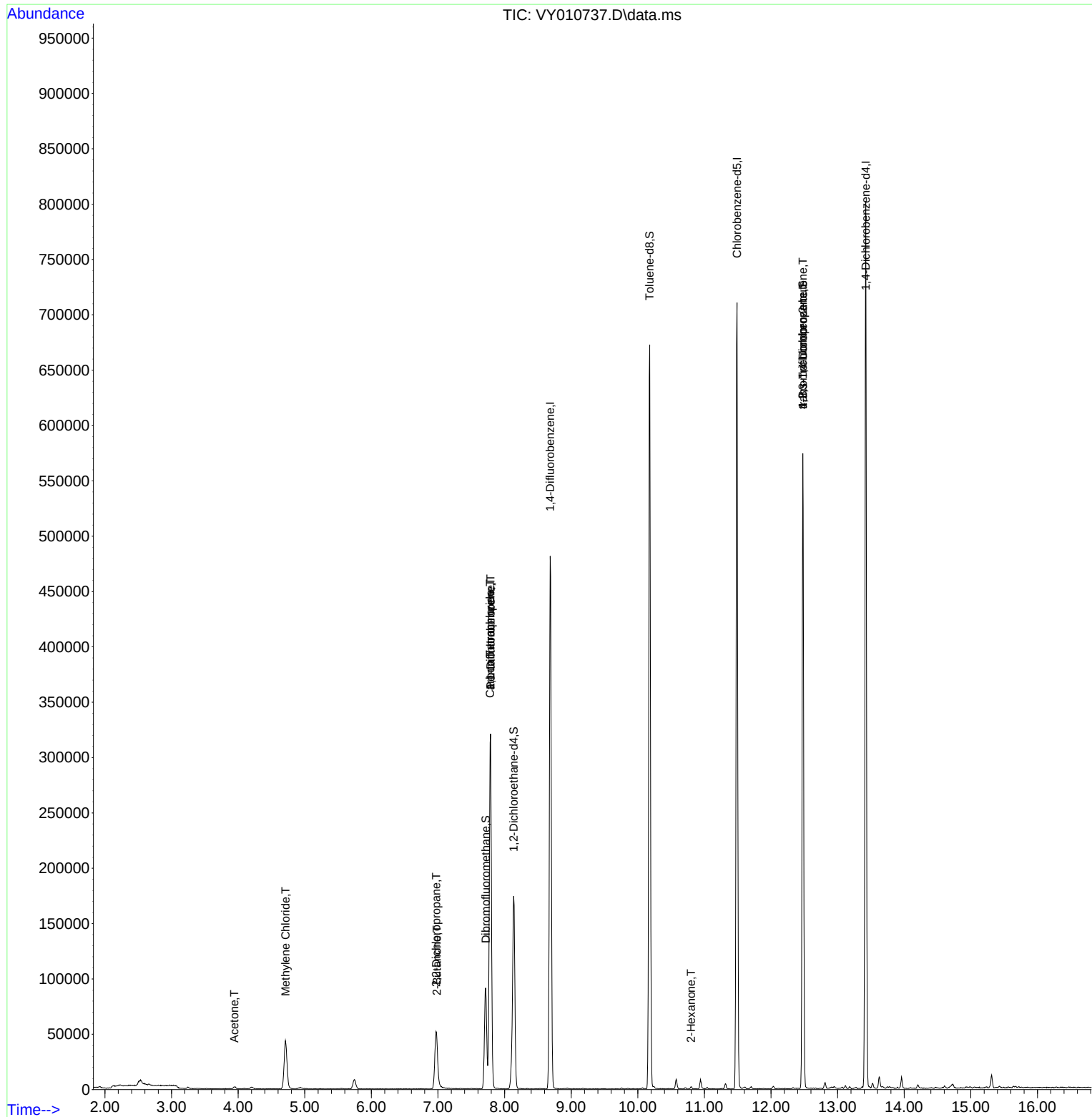
Internal Standards						
1) Pentafluorobenzene	7.789	168	250258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	416942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	387169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130225	54.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.800%	
35) Dibromofluoromethane	7.716	113	65437	24.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 49.180%#	
50) Toluene-d8	10.179	98	443863	45.438	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.880%	
62) 4-Bromofluorobenzene	12.477	95	170820	46.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.240%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	463	Below Cal	#	66
3) Chloromethane	2.113	50	356	Below Cal		91
4) Vinyl Chloride	2.259	62	21	Below Cal	#	43
5) Bromomethane	2.662	94	514	Below Cal		96
11) Tert butyl alcohol	4.936	59	1939	Below Cal	#	77
16) Acetone	3.942	43	3100	6.351	ug/l #	82
17) Carbon Disulfide	4.186	76	220	Below Cal	#	75
18) Methyl Acetate	4.478	43	25	Below Cal	#	56
20) Methylene Chloride	4.710	84	33218	1.215	ug/l	84
25) 2-Butanone	6.984	43	3573	4.680	ug/l	100
26) 2,2-Dichloropropane	6.972	77	3949	1.088	ug/l #	55
31) Cyclohexane	7.783	56	5326	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	18563	6.261	ug/l #	51
38) Carbon Tetrachloride	7.783	117	24255	7.115	ug/l #	16
59) 2-Hexanone	10.800	43	1575	1.311	ug/l #	28
76) 1,2,3-Trichloropropane	12.477	75	88248	46.575	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	88248	103.556	ug/l #	7

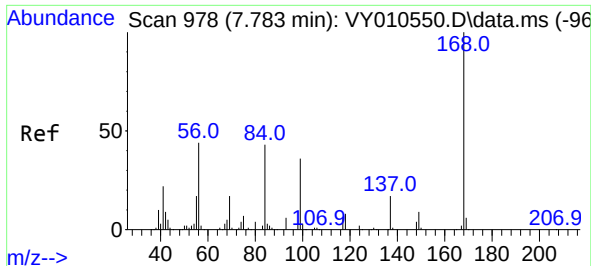
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CRUSHED-MASONRY-PILE-10

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
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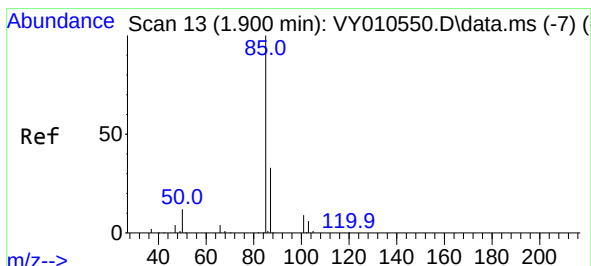
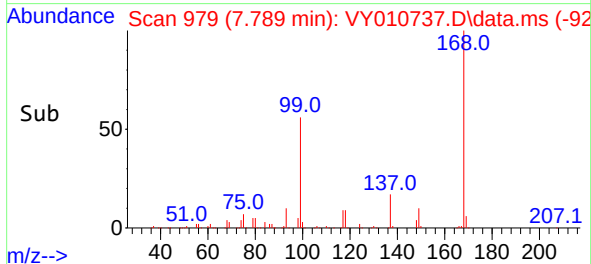
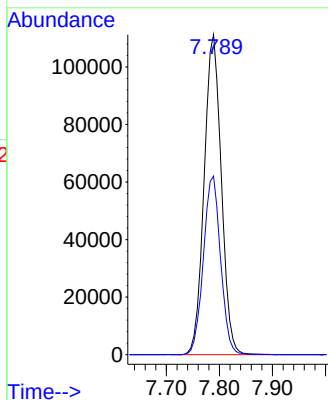
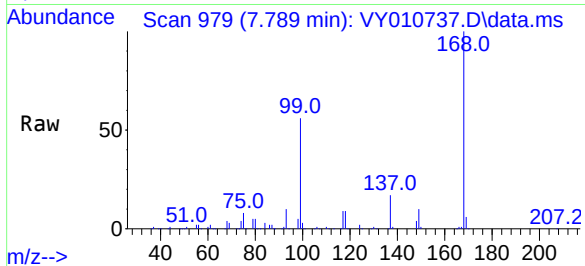




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

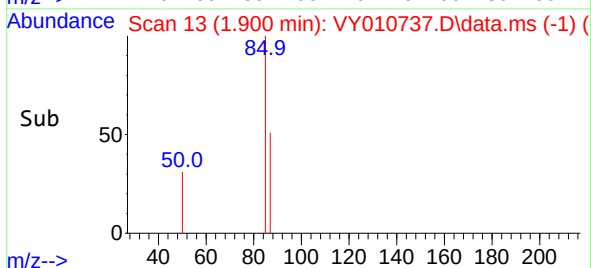
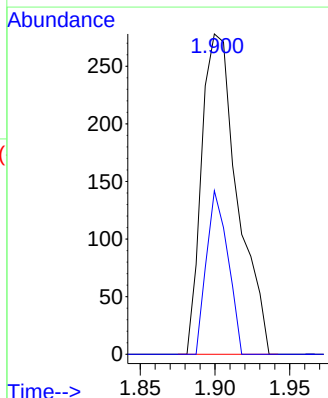
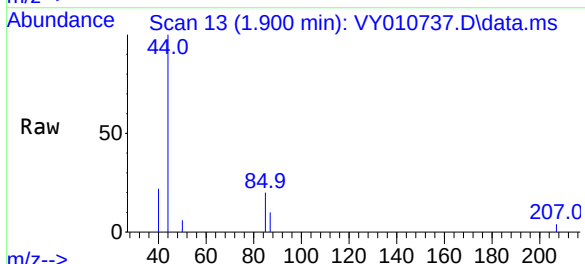
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-10

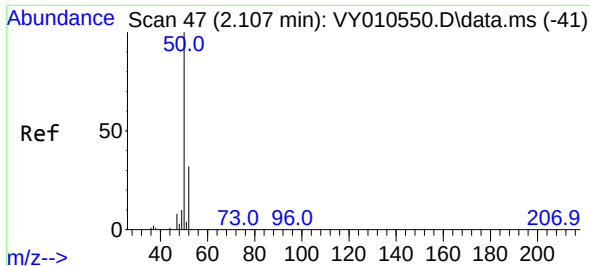
Tgt Ion:168 Resp: 250258
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion: 85 Resp: 463
Ion Ratio Lower Upper
85 100
87 51.1 16.1 48.2#

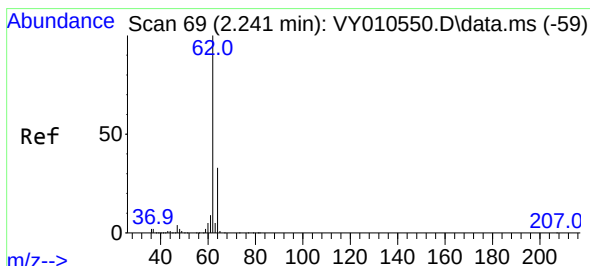
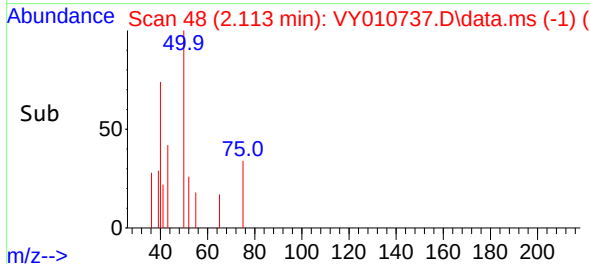
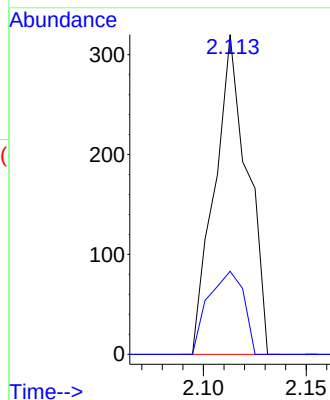
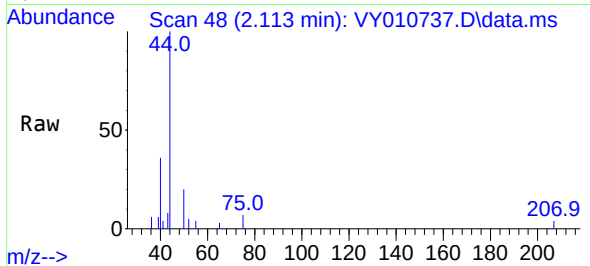




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

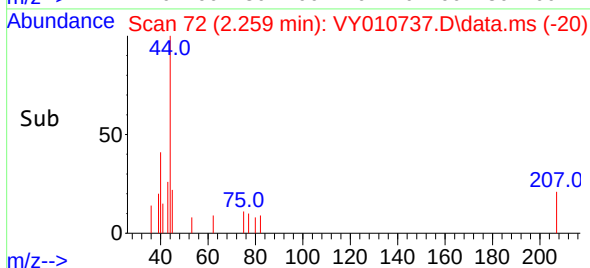
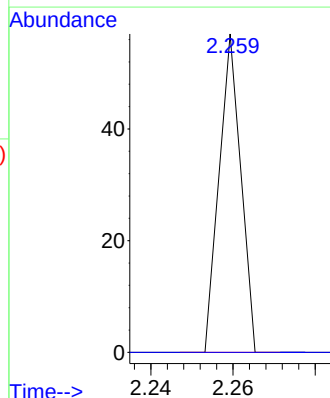
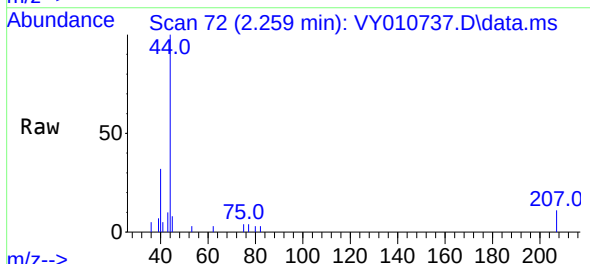
Instrument :
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ClientSampleId :
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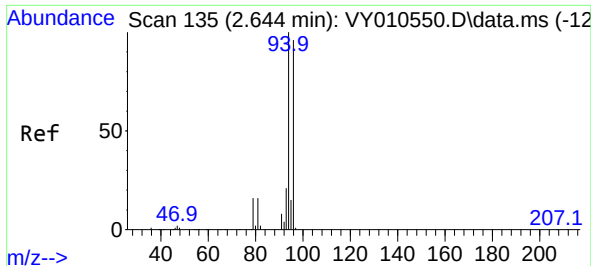
Tgt Ion: 50 Resp: 356
Ion Ratio Lower Upper
50 100
52 25.9 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.259 min Scan# 72
Delta R.T. 0.018 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion: 62 Resp: 21
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

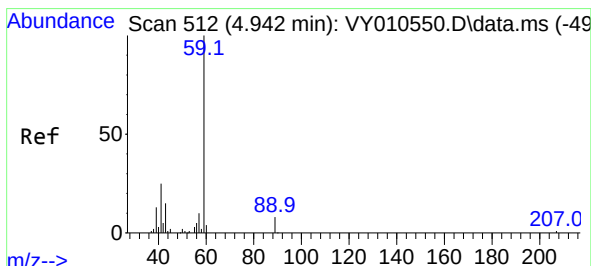
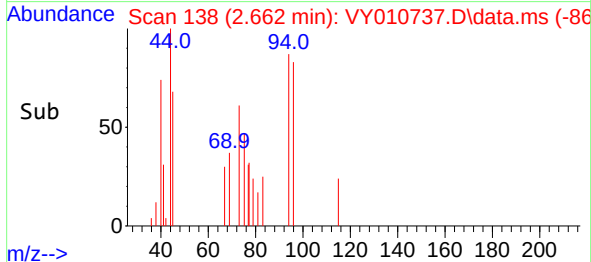
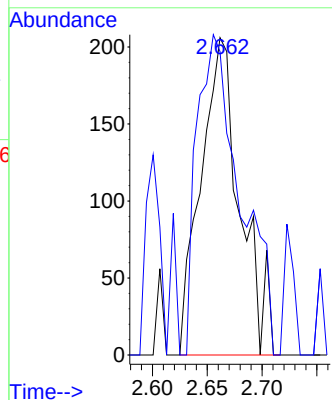
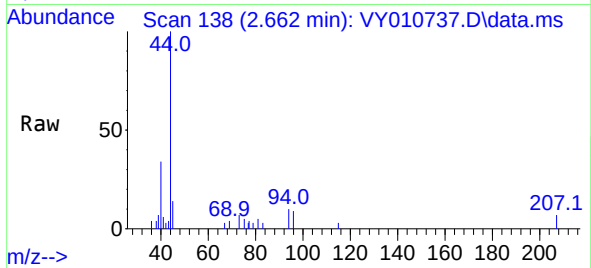




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

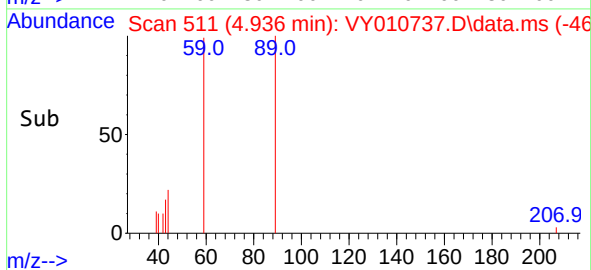
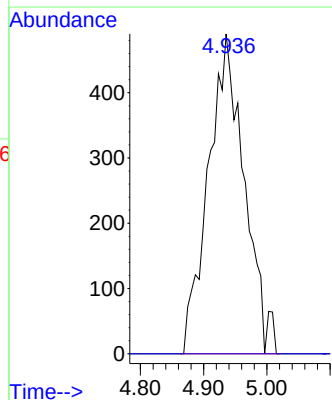
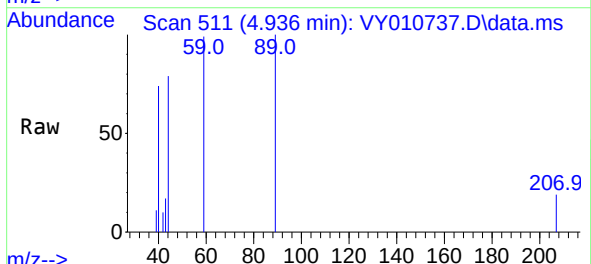
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-10

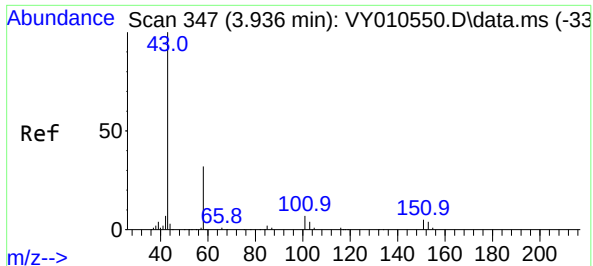
Tgt Ion: 94 Resp: 514
Ion Ratio Lower Upper
94 100
96 95.6 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion: 59 Resp: 1939
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

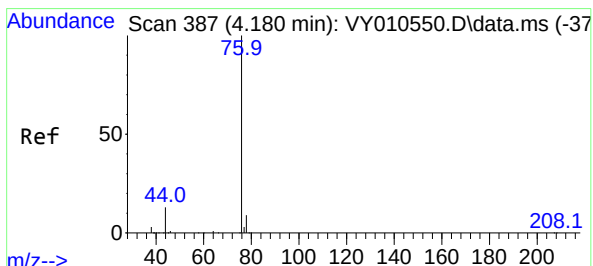
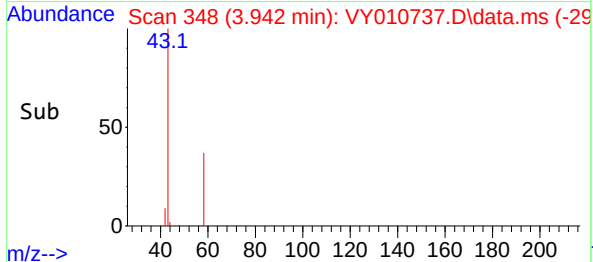
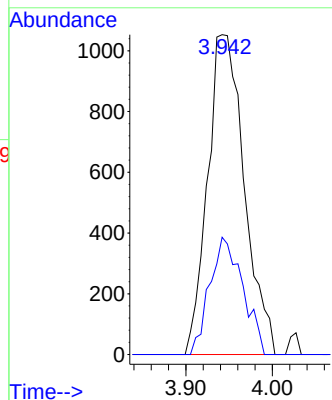
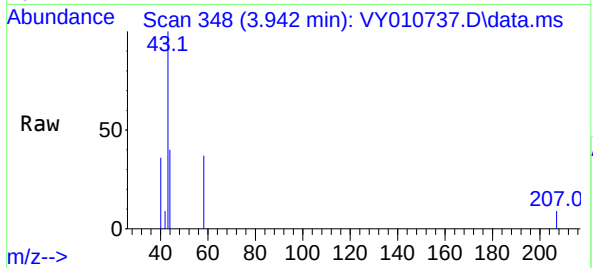




#16
Acetone
Concen: 6.351 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

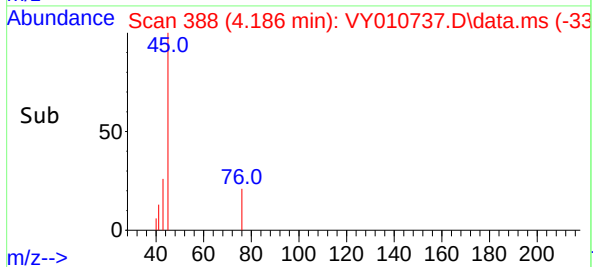
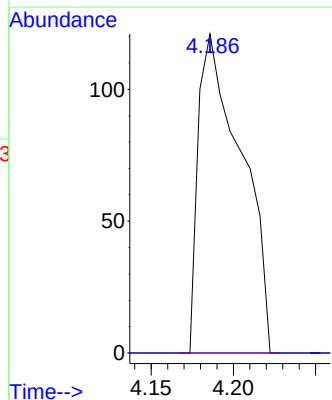
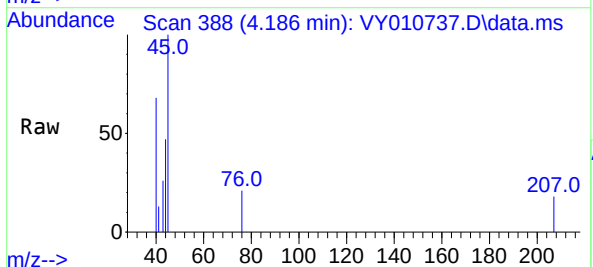
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-10

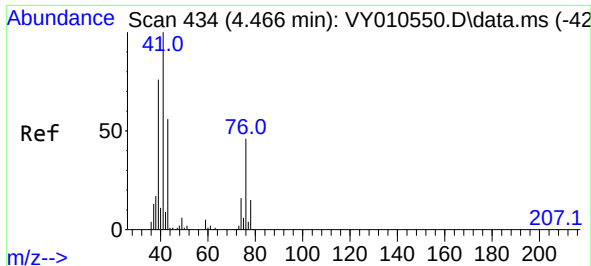
Tgt Ion: 43 Resp: 3100
Ion Ratio Lower Upper
43 100
58 36.7 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. 0.006 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion: 76 Resp: 220
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

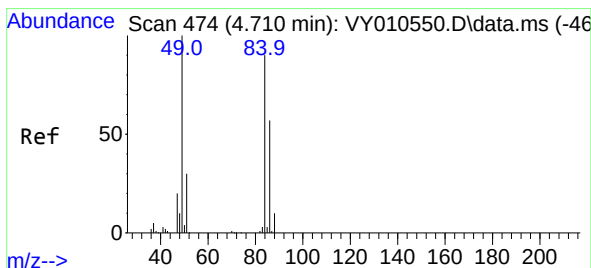
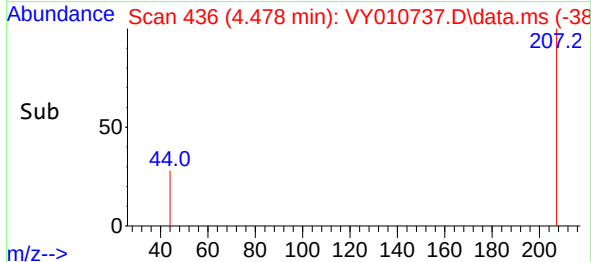
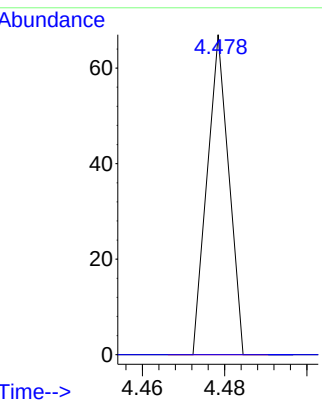
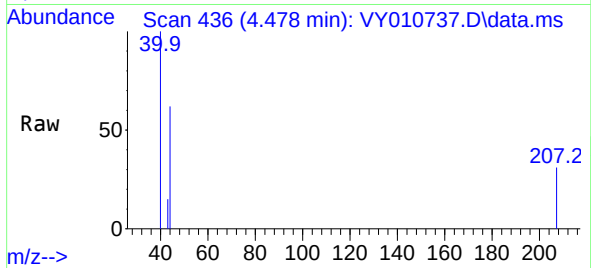




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

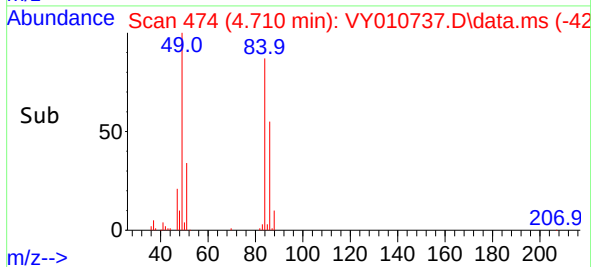
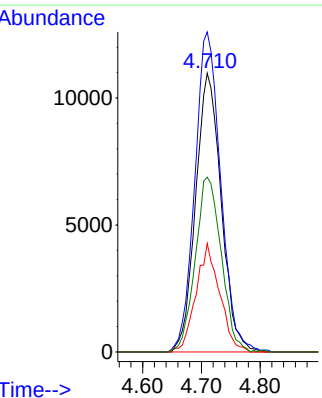
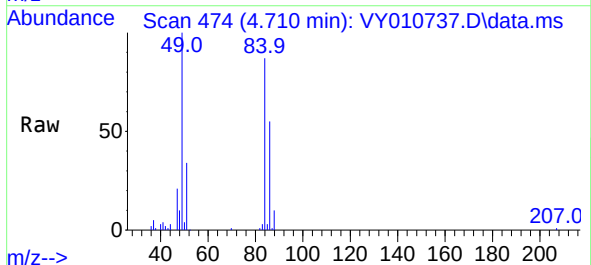
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ClientSampleId :
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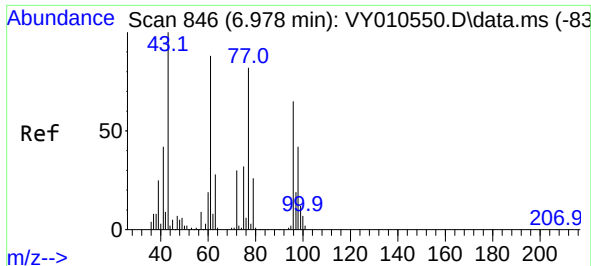
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.215 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion: 84 Resp: 33218
Ion Ratio Lower Upper
84 100
49 114.8 114.4 171.6
51 38.9 35.3 52.9
86 62.7 53.7 80.5

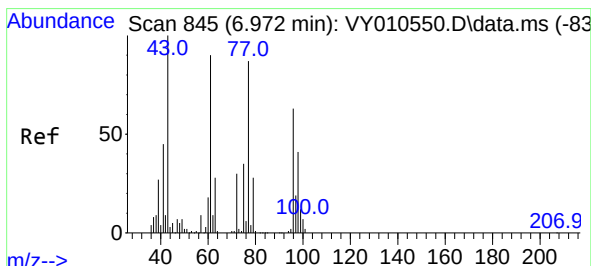
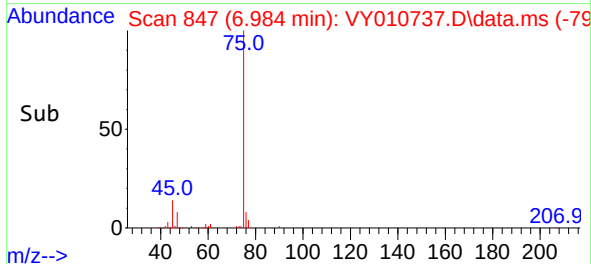
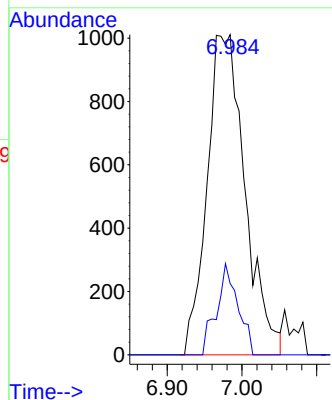
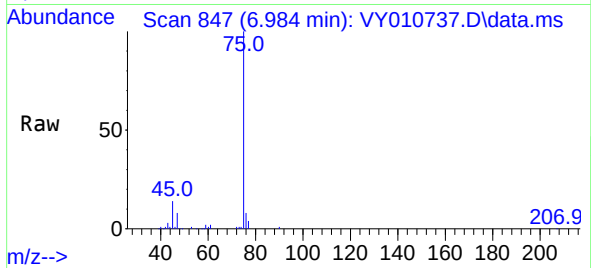




#25
2-Butanone
Concen: 4.680 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

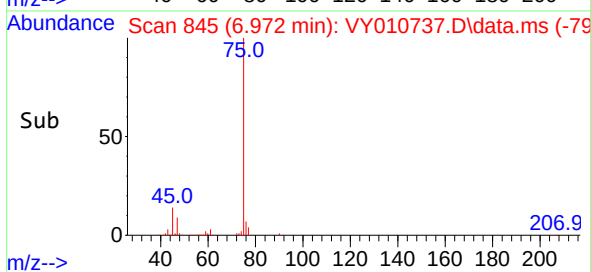
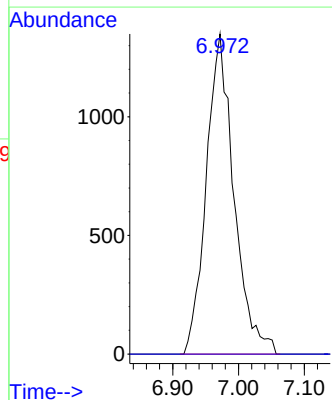
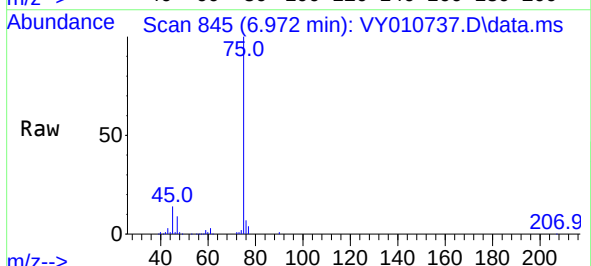
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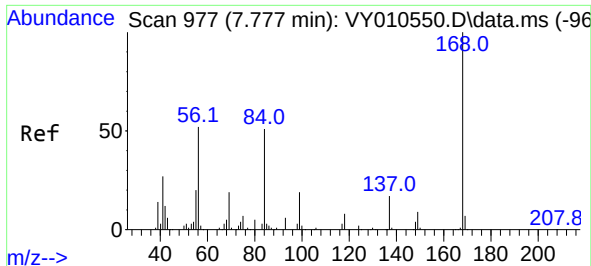
Tgt Ion: 43 Resp: 3573
Ion Ratio Lower Upper
43 100
72 22.3 17.7 26.5



#26
2,2-Dichloropropane
Concen: 1.088 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion: 77 Resp: 3949
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#

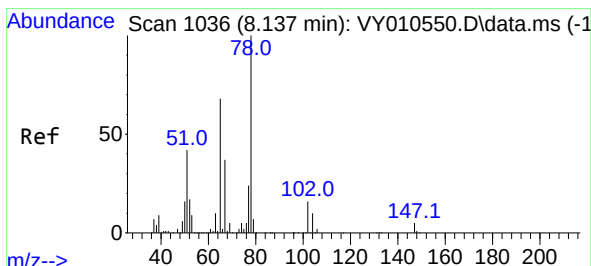
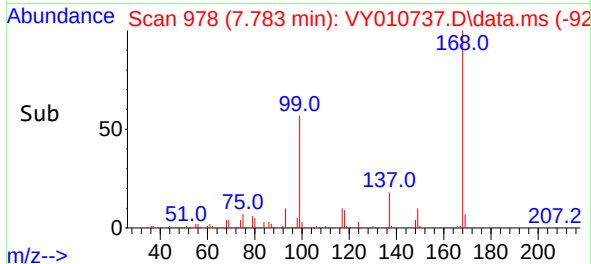
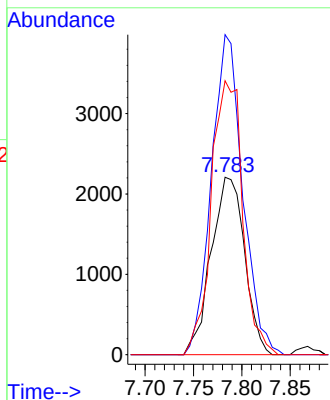
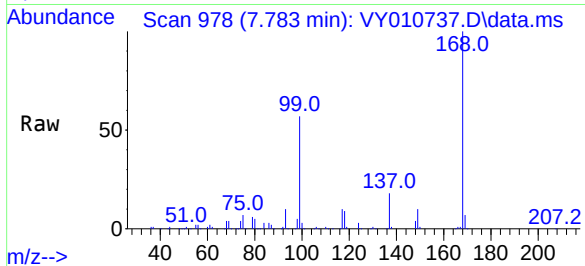




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

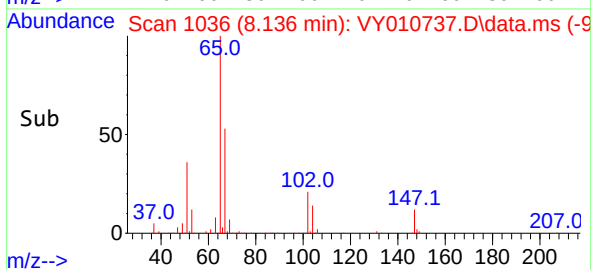
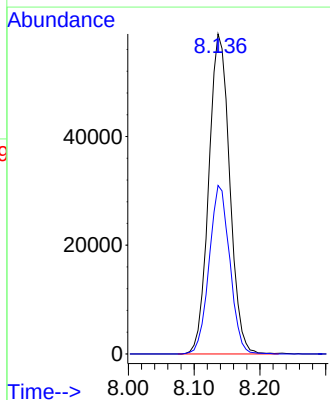
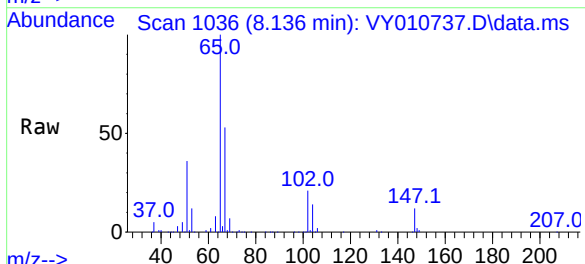
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-10

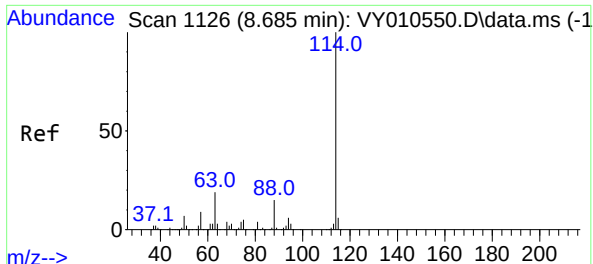
Tgt Ion: 56 Resp: 5326
Ion Ratio Lower Upper
56 100
69 180.3 26.7 40.1#
84 154.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.404 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion: 65 Resp: 130225
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010737.D

Acq: 29 Sep 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONRY-PILE-10

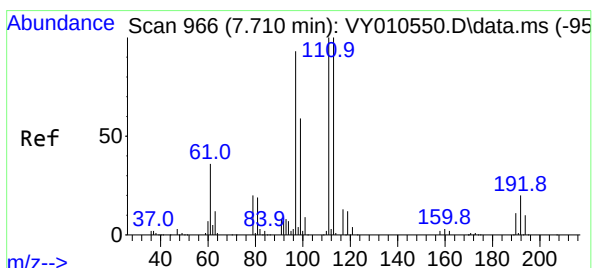
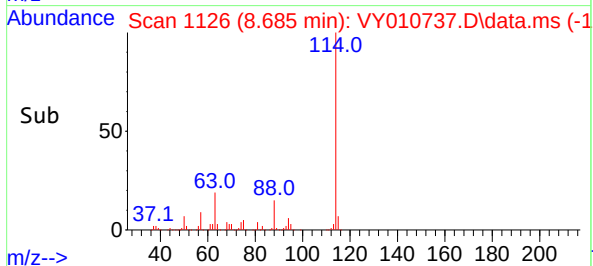
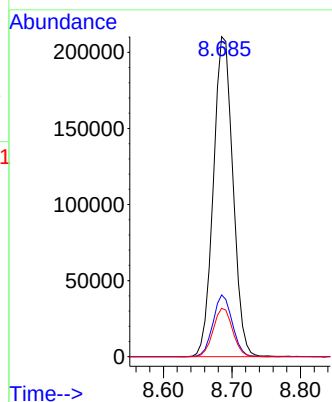
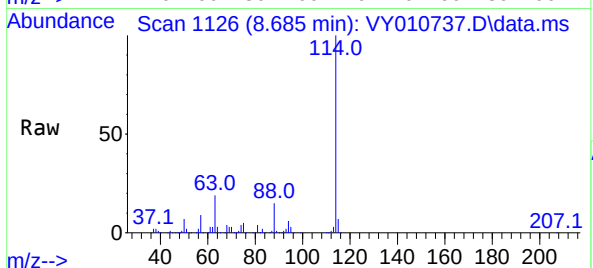
Tgt Ion:114 Resp: 416942

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 24.592 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010737.D

Acq: 29 Sep 2022 17:30

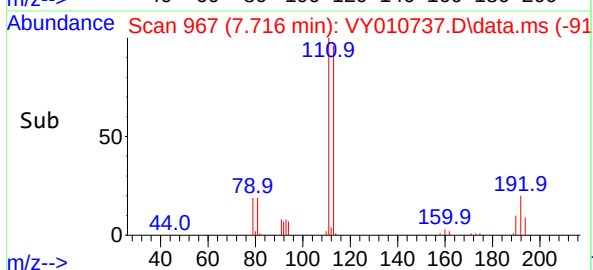
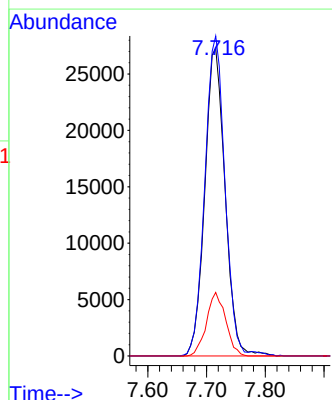
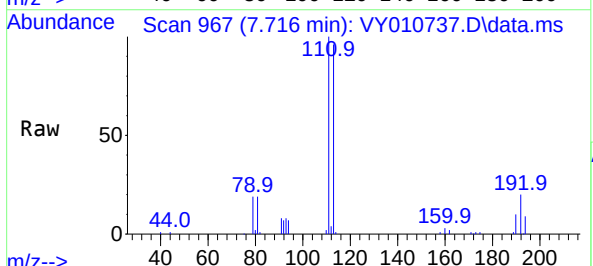
Tgt Ion:113 Resp: 65437

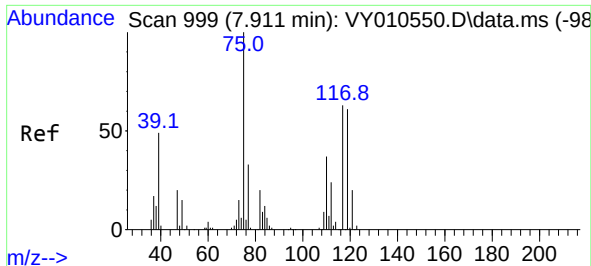
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 6.261 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY010737.D

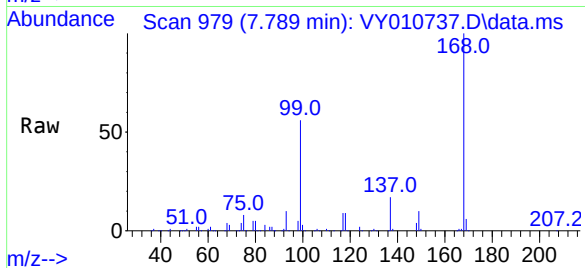
Acq: 29 Sep 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

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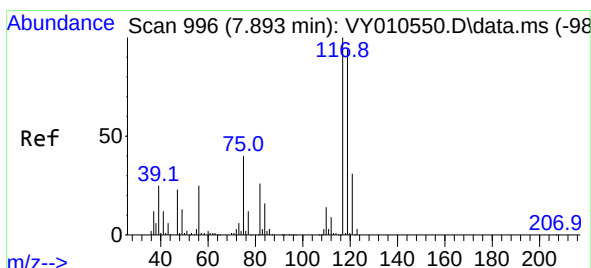
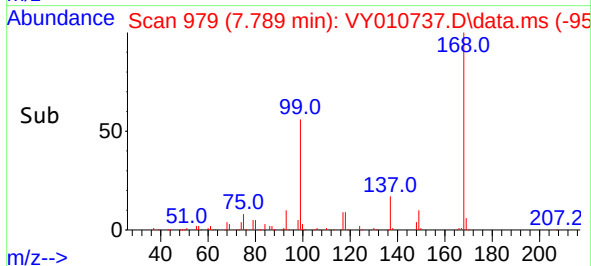
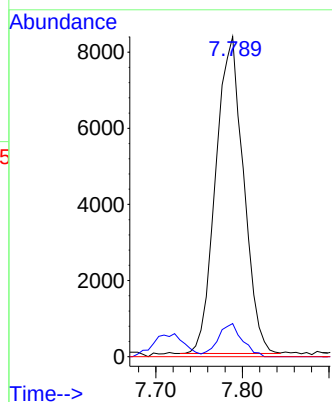
Tgt Ion: 75 Resp: 18563

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.115 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY010737.D

Acq: 29 Sep 2022 17:30

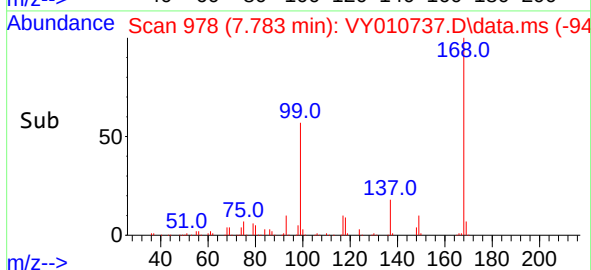
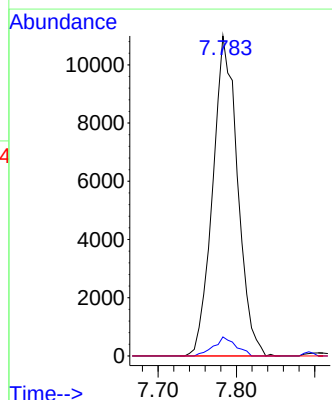
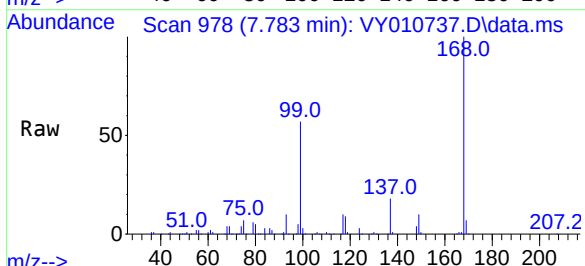
Tgt Ion: 117 Resp: 24255

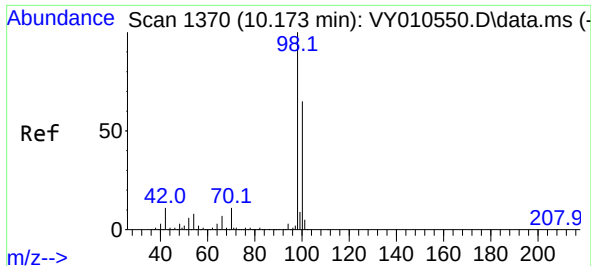
Ion Ratio Lower Upper

117 100

119 6.0 77.9 116.9#

121 0.0 24.8 37.2#

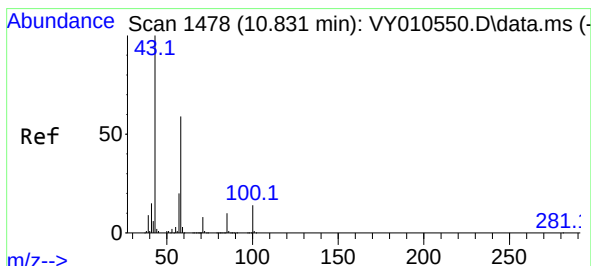
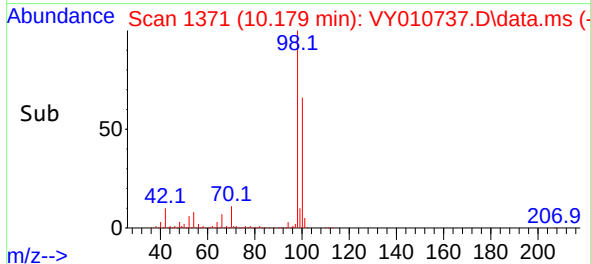
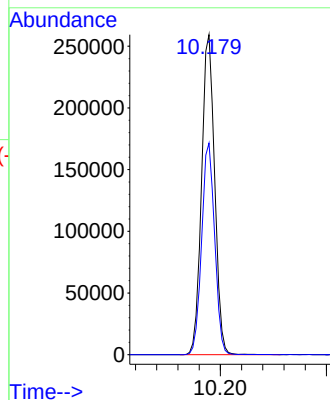
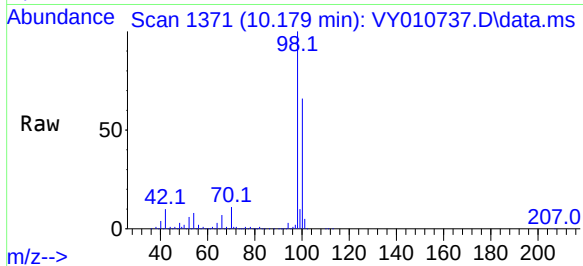




#50
Toluene-d8
Concen: 45.438 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

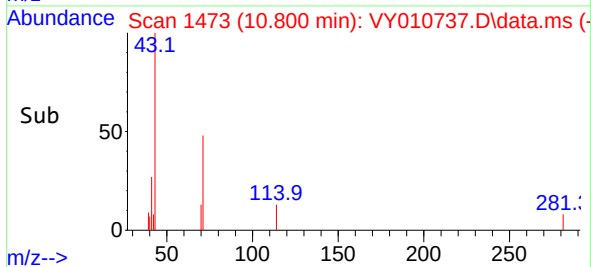
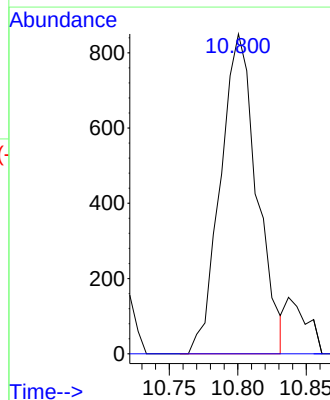
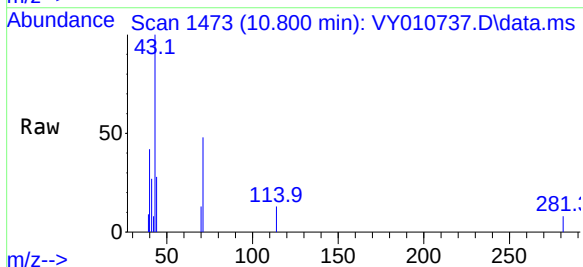
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-10

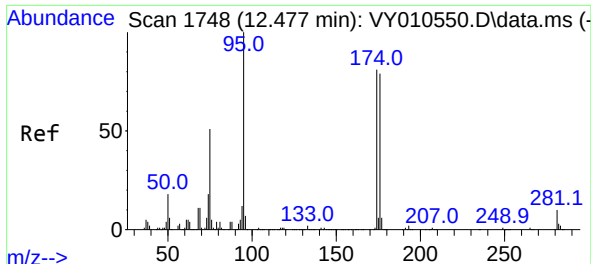
Tgt Ion: 98 Resp: 443863
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#59
2-Hexanone
Concen: 1.311 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.031 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

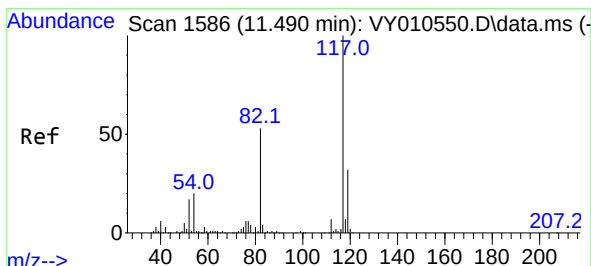
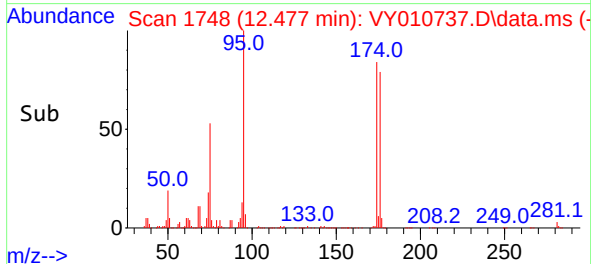
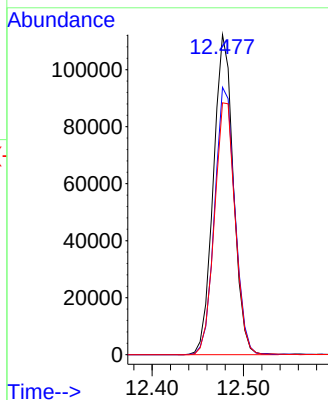
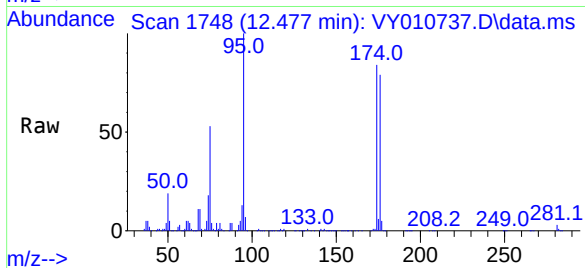




#62
4-Bromofluorobenzene
Concen: 46.621 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

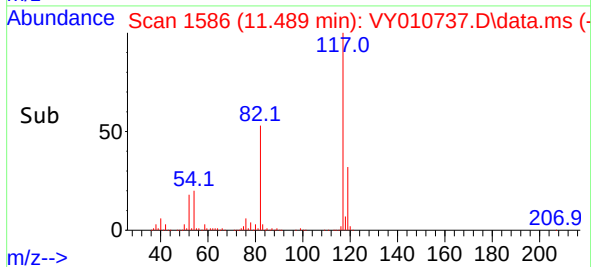
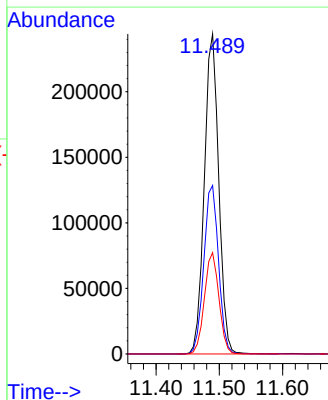
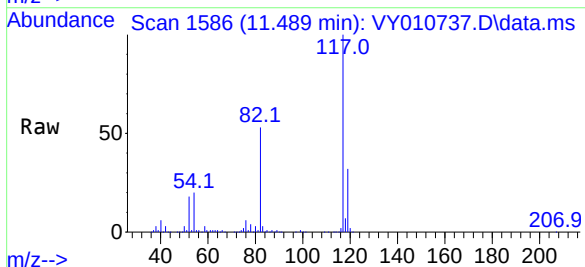
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-10

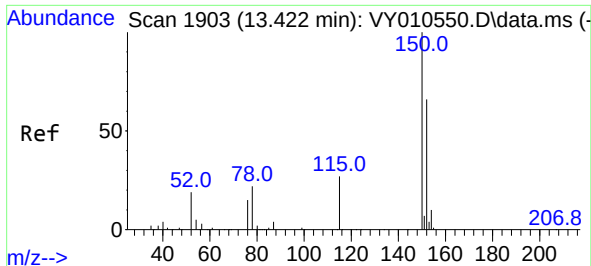
Tgt Ion: 95 Resp: 170820
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 81.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion: 117 Resp: 387169
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.7 25.4 38.0

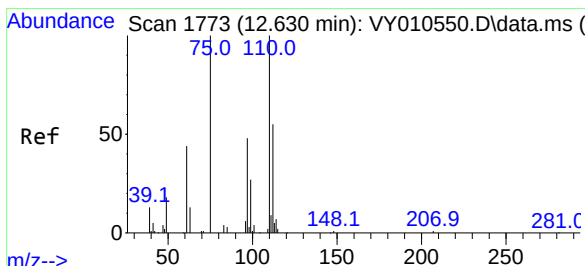
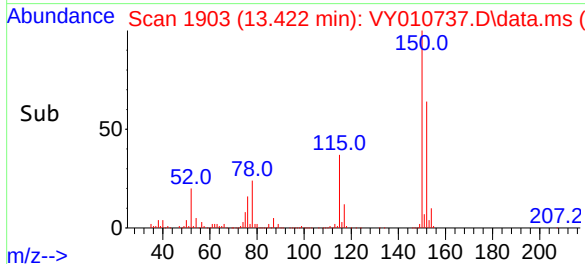
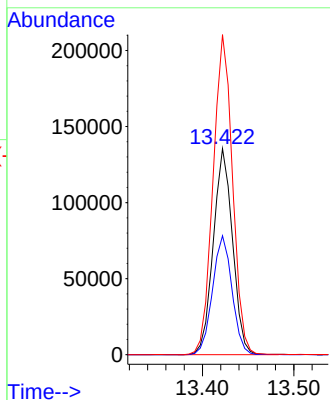
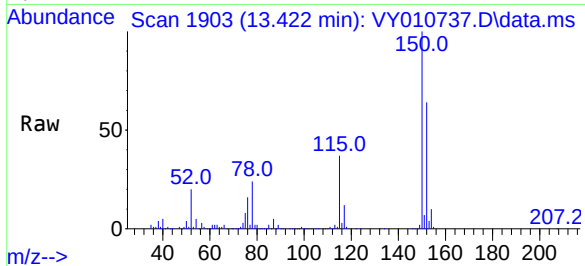




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

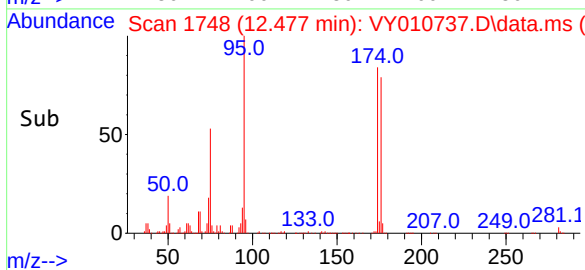
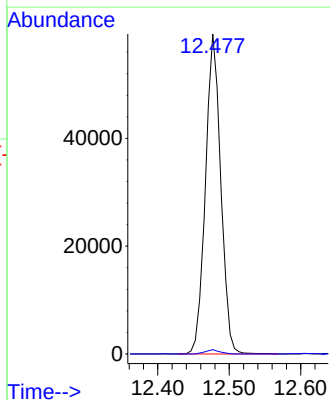
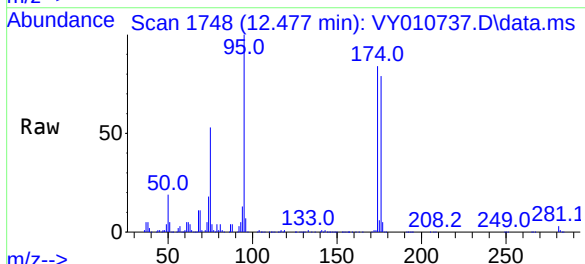
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-10

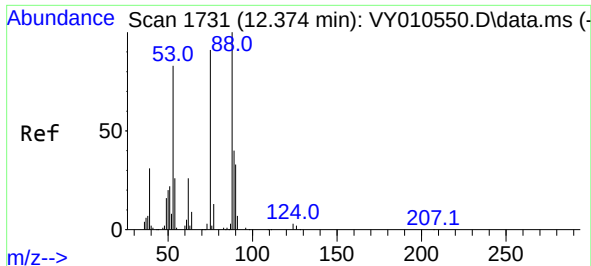
Tgt Ion:152 Resp: 198522
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.575 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

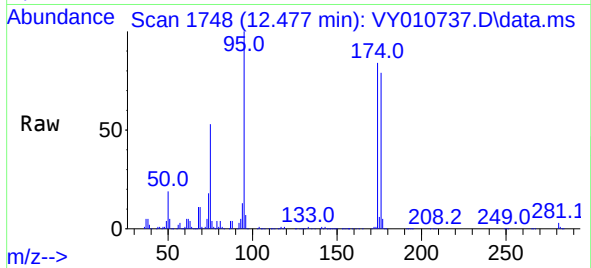
Tgt Ion: 75 Resp: 88248
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.556 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010737.D
 Acq: 29 Sep 2022 17:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONRY-PILE-10



Tgt Ion: 75 Resp: 88248
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

