

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007864.D
 Acq On : 11 Mar 2022 18:57
 Operator : SY/MD
 Sample : N1864-14
 Misc : 6.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B1-030922-5-6

Quant Time: Mar 11 23:24:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

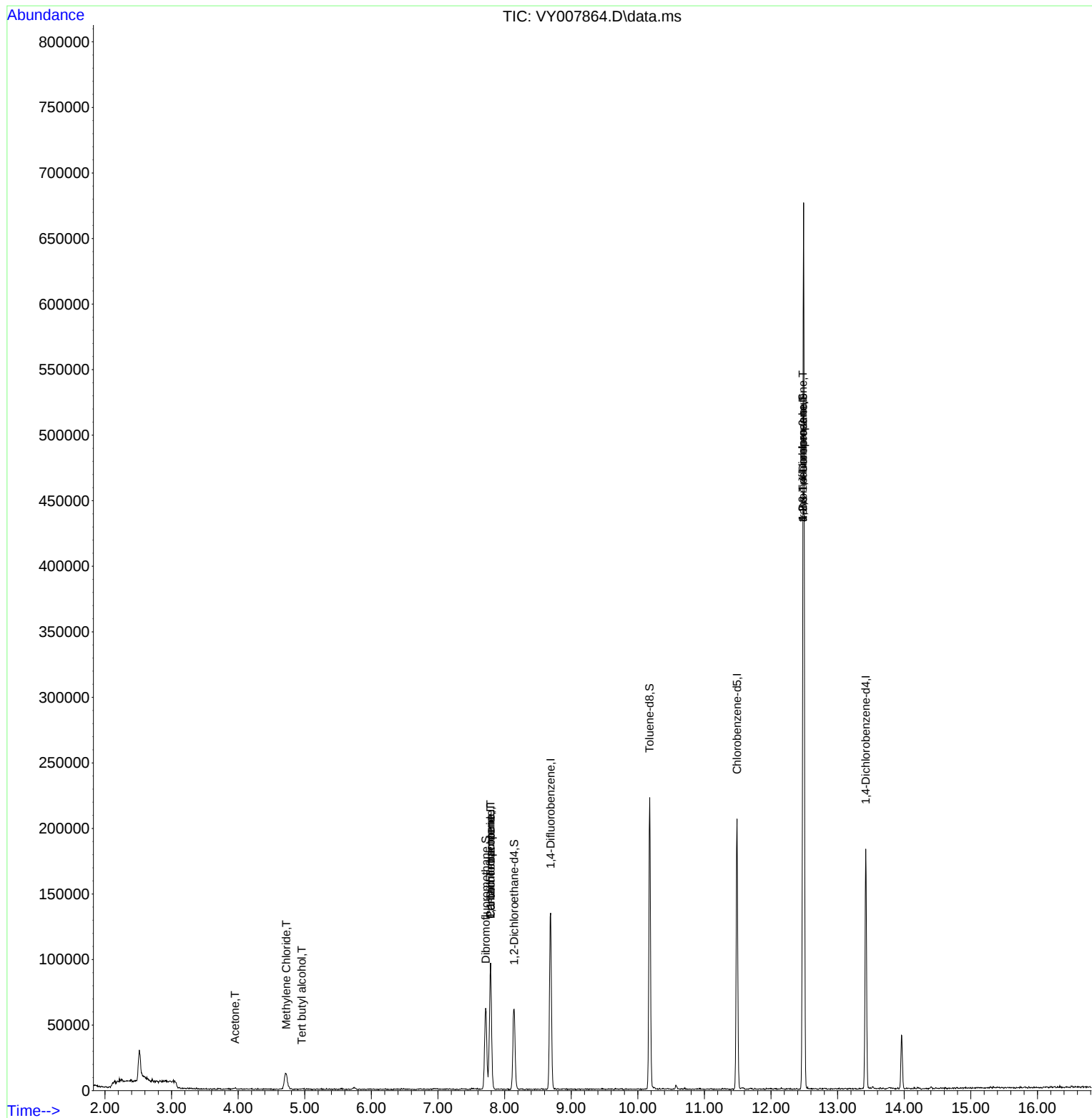
Internal Standards						
1) Pentafluorobenzene	7.789	168	68769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	113809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	104184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48508	67.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.760%	
35) Dibromofluoromethane	7.716	113	42353	58.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.420%	
50) Toluene-d8	10.179	98	139632	52.133	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.477	95	40295	46.672	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.340%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.174	85	42	Below Cal	#	10
3) Chloromethane	2.113	50	491	Below Cal	#	86
11) Tert butyl alcohol	4.954	59	194	3.112	ug/l #	77
13) Acrolein	3.741	56	151	Below Cal	#	14
16) Acetone	3.954	43	1572	10.733	ug/l #	67
18) Methyl Acetate	4.466	43	121	Below Cal	#	56
20) Methylene Chloride	4.723	84	9591	10.178	ug/l #	69
31) Cyclohexane	7.789	56	1961	Below Cal	#	19
36) 1,1-Dichloropropene	7.789	75	6193	5.411	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7361	6.029	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	28767	57.767	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28767	118.096	ug/l #	10

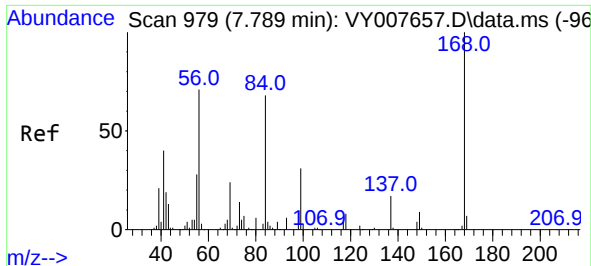
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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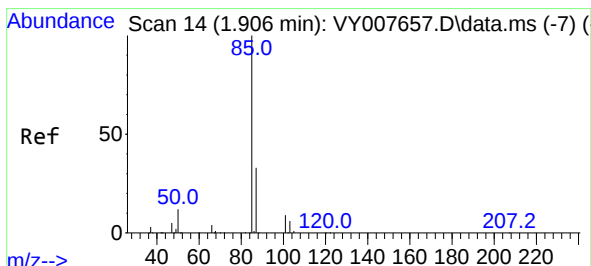
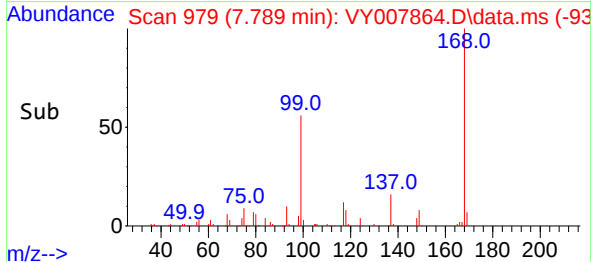
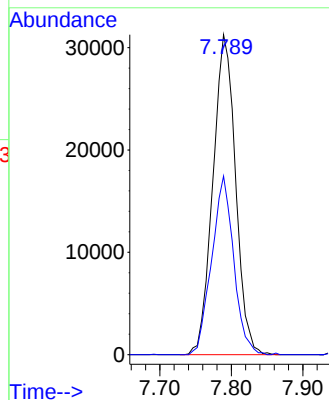
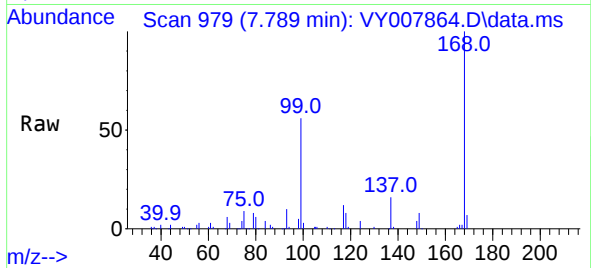




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

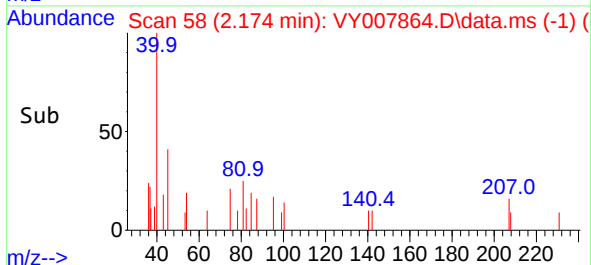
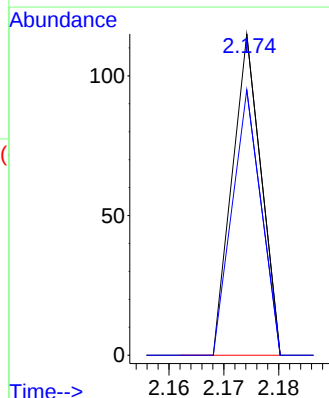
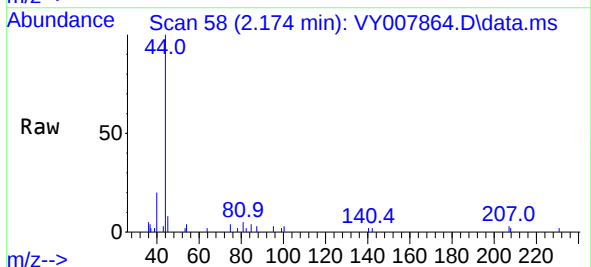
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6

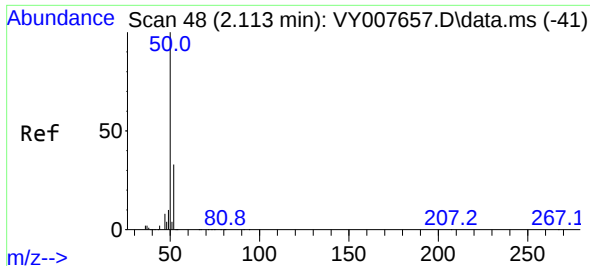
Tgt Ion:168 Resp: 68769
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.174 min Scan# 58
Delta R.T. 0.268 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion: 85 Resp: 42
Ion Ratio Lower Upper
85 100
87 82.6 16.1 48.2#

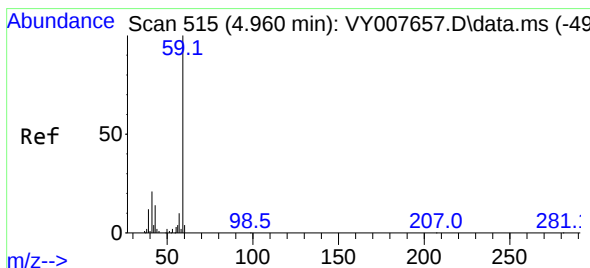
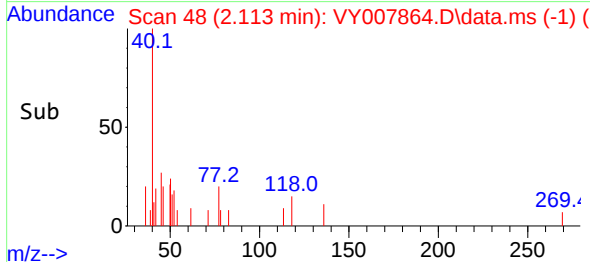
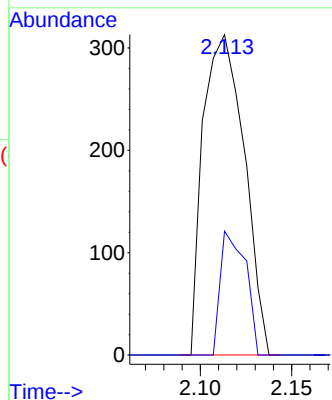
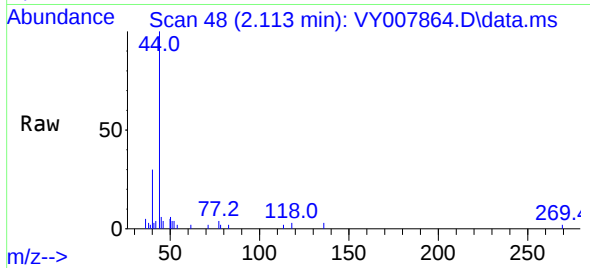




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

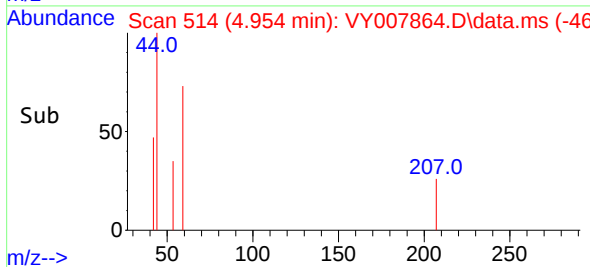
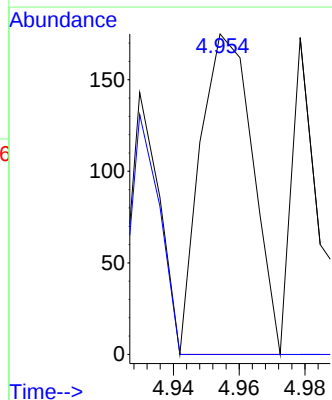
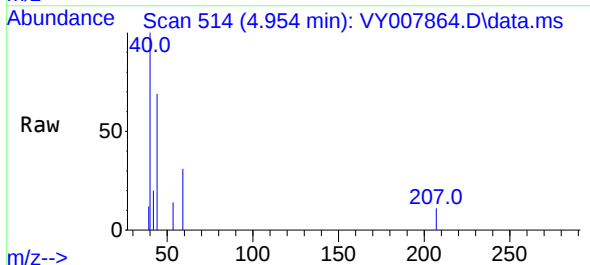
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6

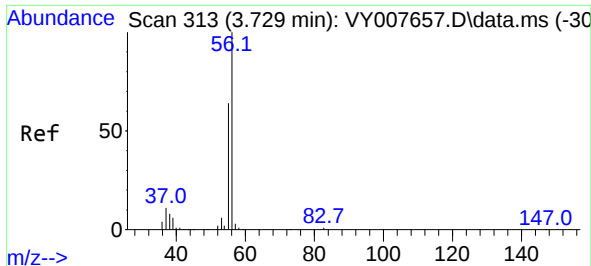
Tgt Ion: 50 Resp: 491
Ion Ratio Lower Upper
50 100
52 38.7 24.6 37.0#



#11
Tert butyl alcohol
Concen: 3.112 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

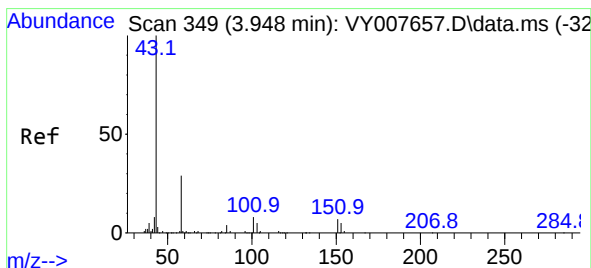
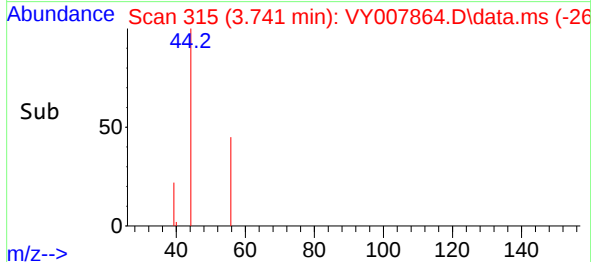
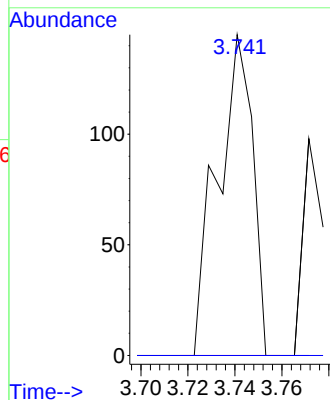
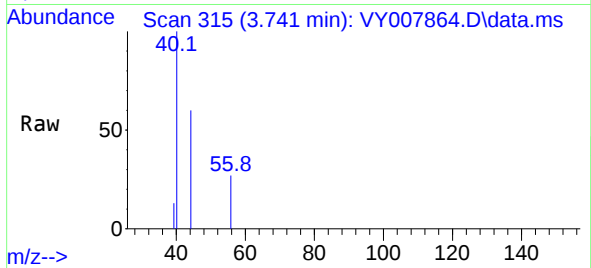




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

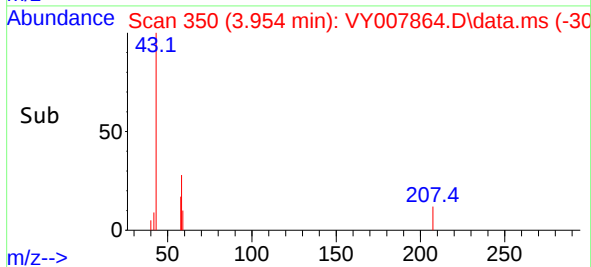
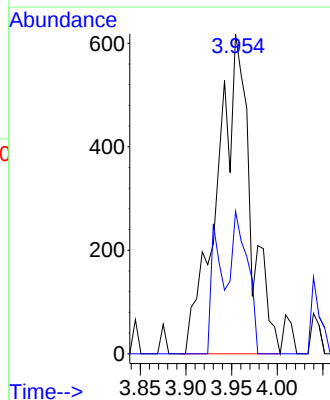
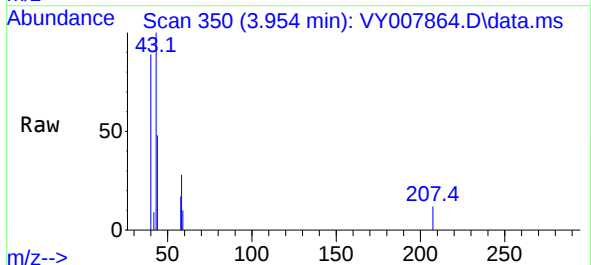
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6

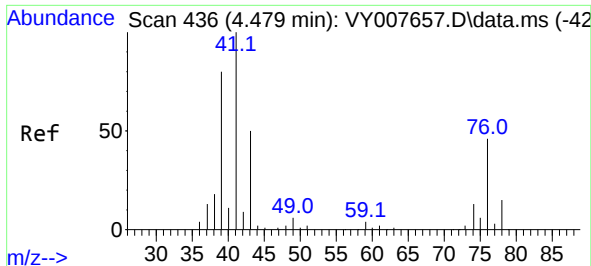
Tgt Ion: 56 Resp: 151
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 10.733 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
58 44.5 22.0 33.0#

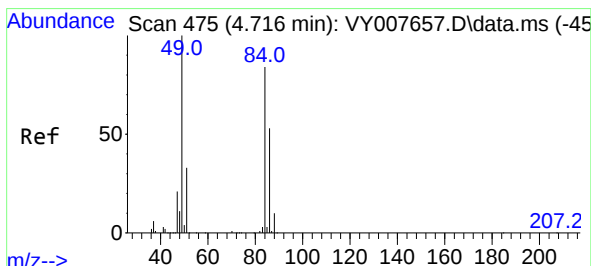
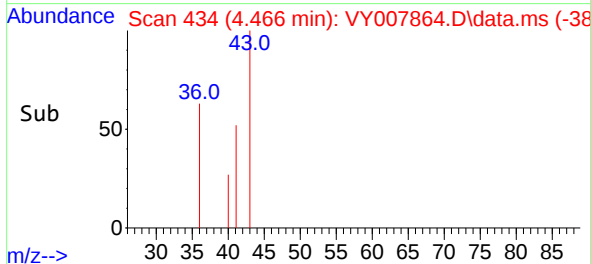
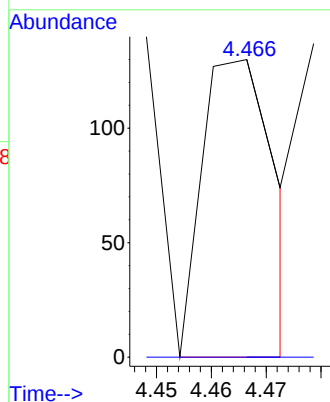
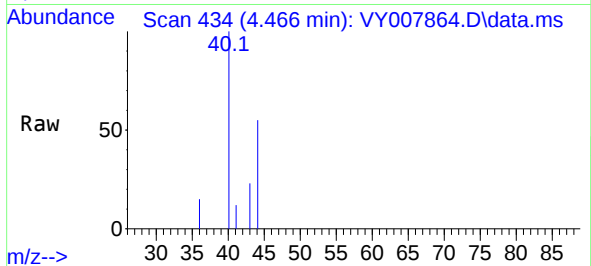




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

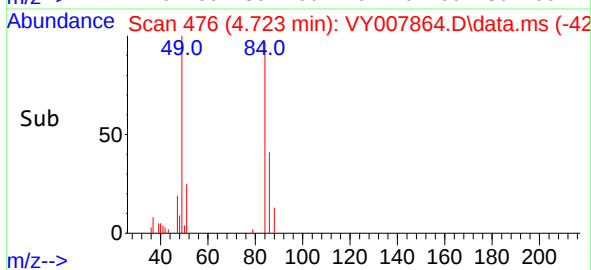
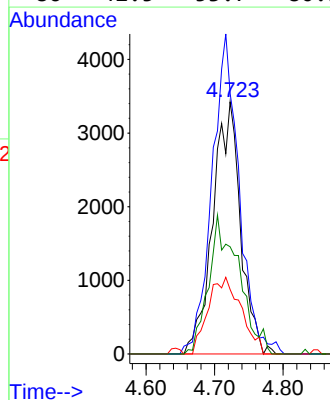
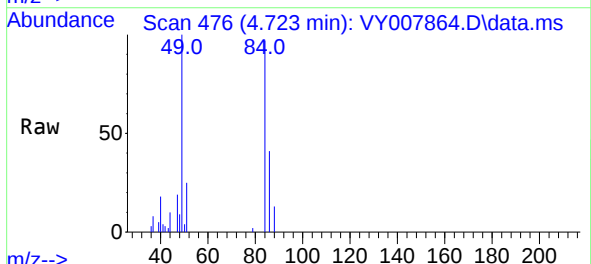
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6

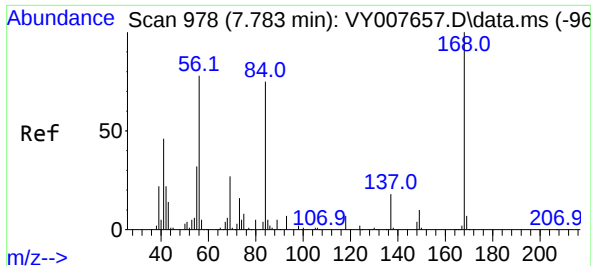
Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 10.178 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion: 84 Resp: 9591
Ion Ratio Lower Upper
84 100
49 103.3 114.4 171.6#
51 25.6 35.3 52.9#
86 42.5 53.7 80.5#

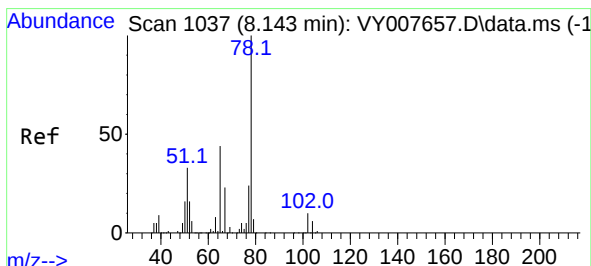
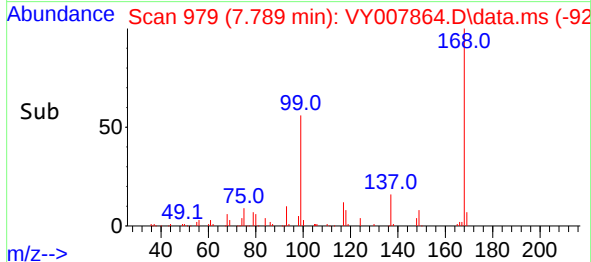
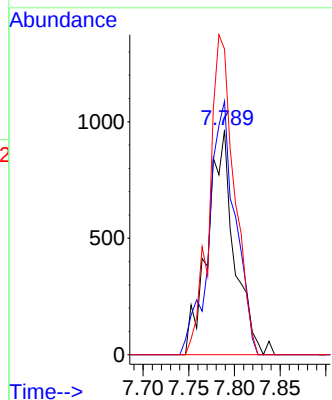
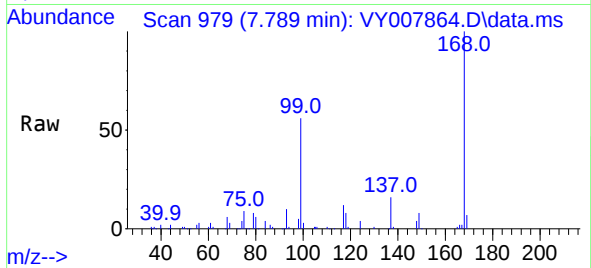




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

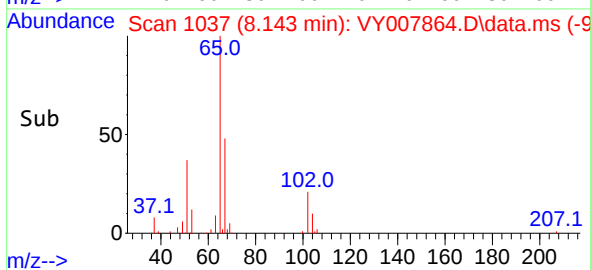
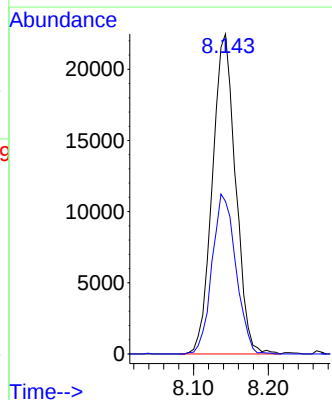
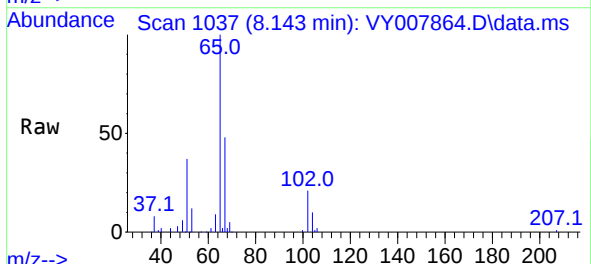
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MSVOA_Y
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MB-B1-030922-5-6

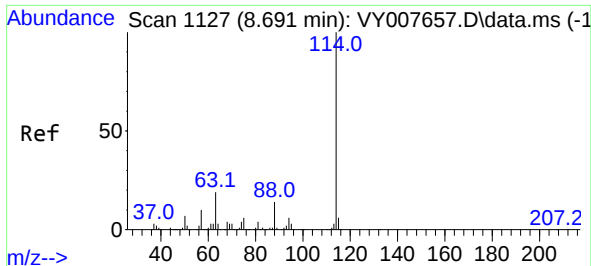
Tgt Ion: 56 Resp: 1961
Ion Ratio Lower Upper
56 100
69 112.7 26.7 40.1#
84 136.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 67.377 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion: 65 Resp: 48508
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007864.D

Acq: 11 Mar 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

MB-B1-030922-5-6

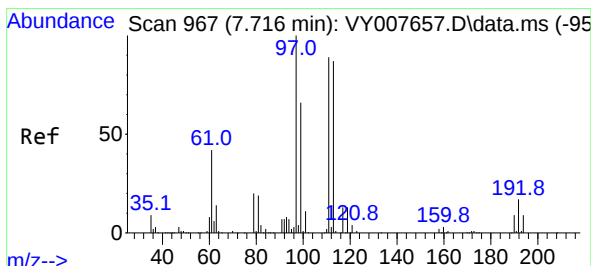
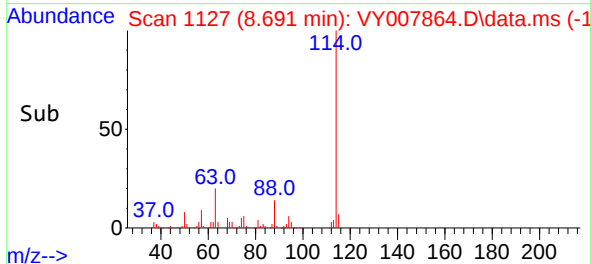
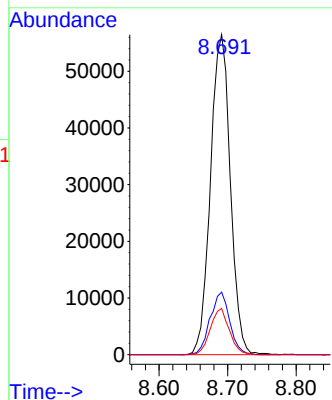
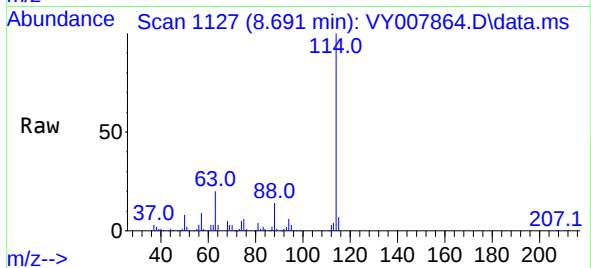
Tgt Ion:114 Resp: 113809

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.208 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007864.D

Acq: 11 Mar 2022 18:57

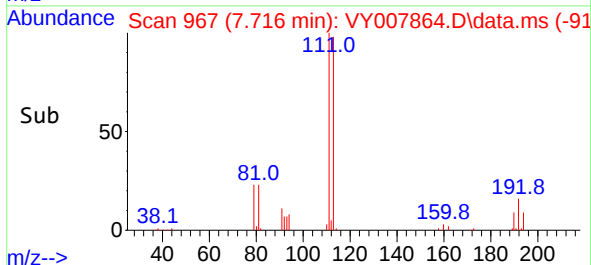
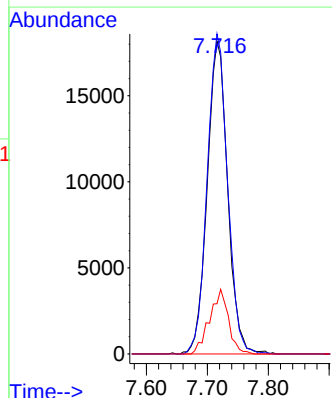
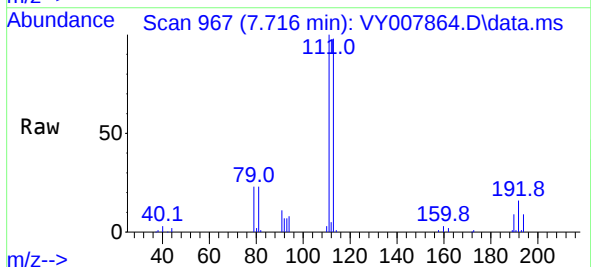
Tgt Ion:113 Resp: 42353

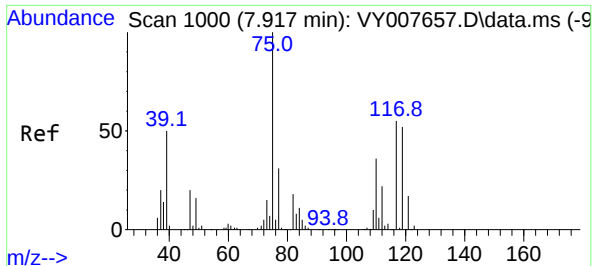
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 19.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.411 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007864.D

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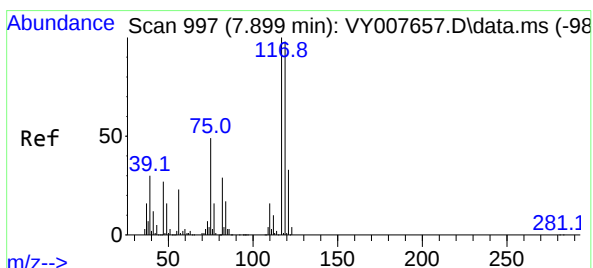
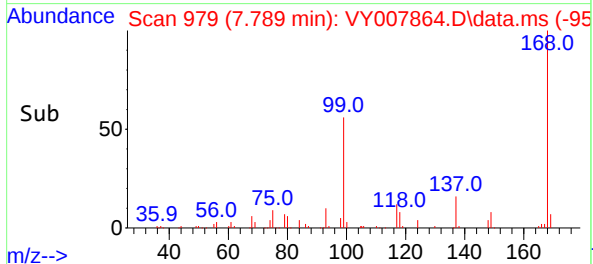
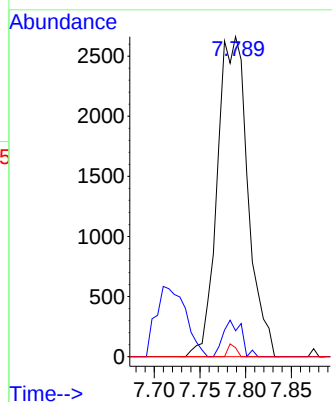
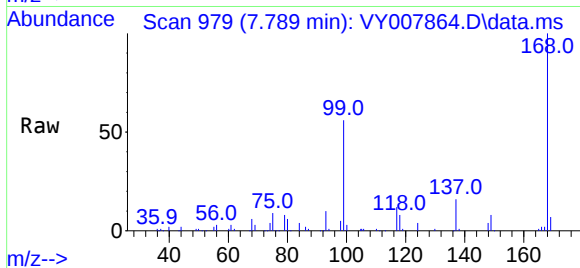
Tgt Ion: 75 Resp: 6193

Ion Ratio Lower Upper

75 100

110 6.8 17.1 51.2#

77 1.1 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.029 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007864.D

Acq: 11 Mar 2022 18:57

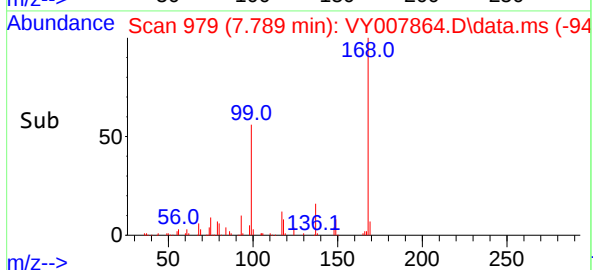
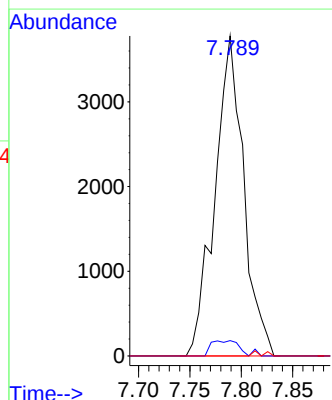
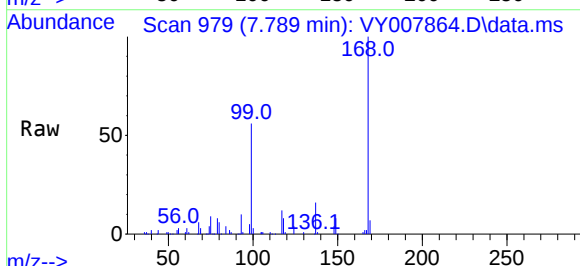
Tgt Ion: 117 Resp: 7361

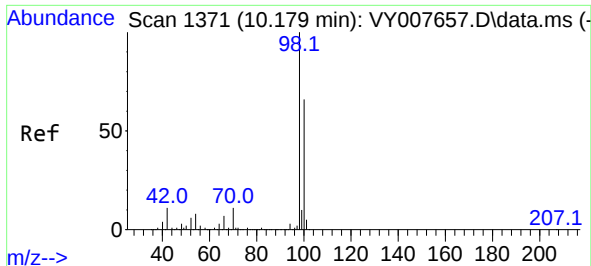
Ion Ratio Lower Upper

117 100

119 4.8 77.9 116.9#

121 0.0 24.8 37.2#

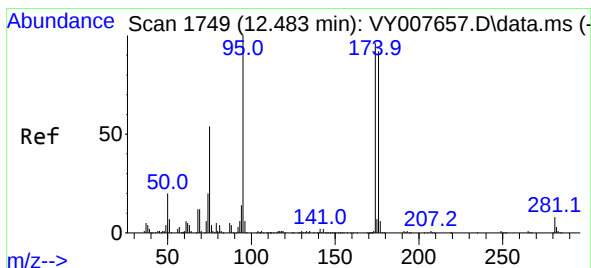
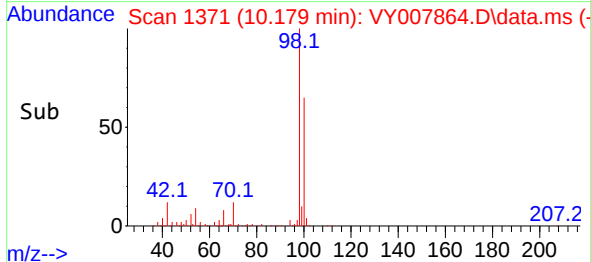
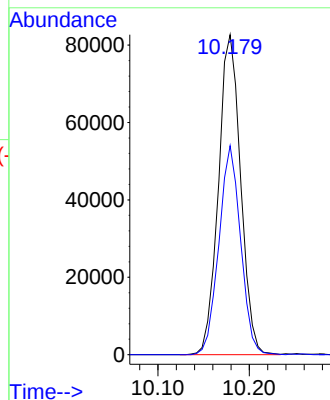
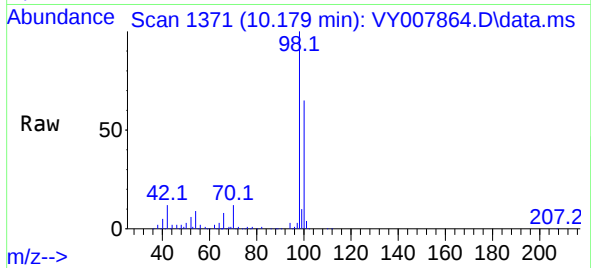




#50
Toluene-d8
Concen: 52.133 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

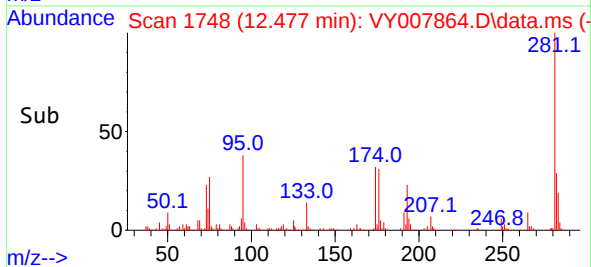
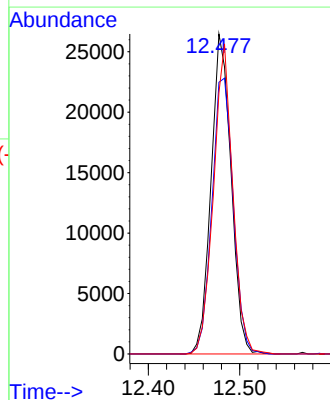
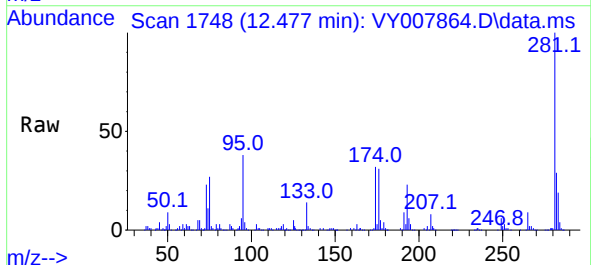
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6

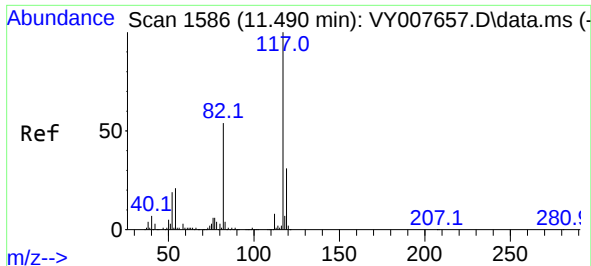
Tgt Ion: 98 Resp: 139632
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.672 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion: 95 Resp: 40295
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 93.7 0.0 175.8

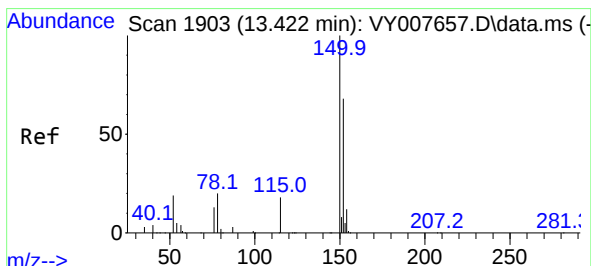
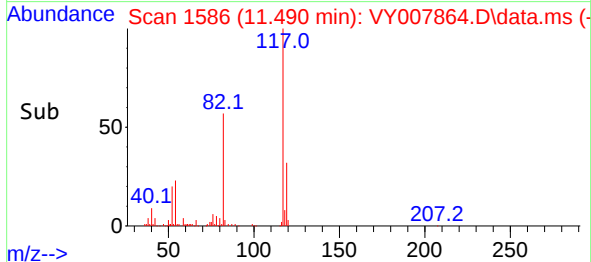
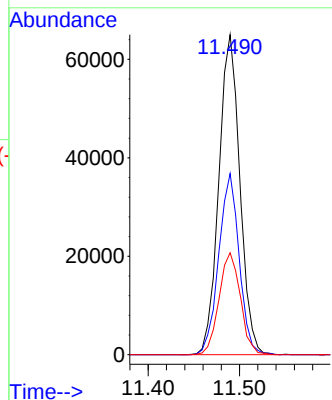
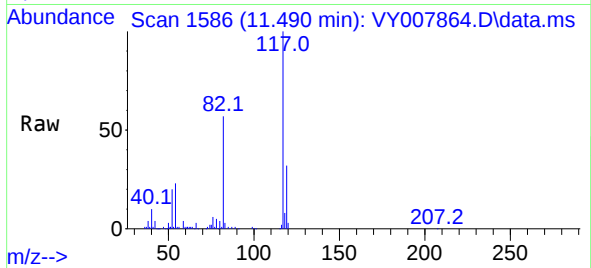




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

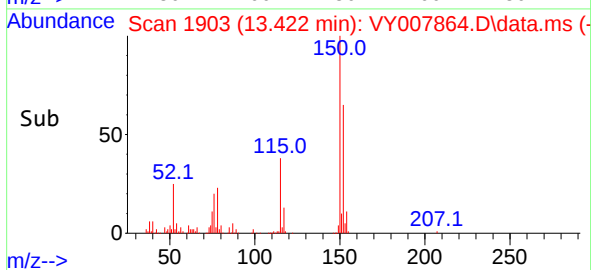
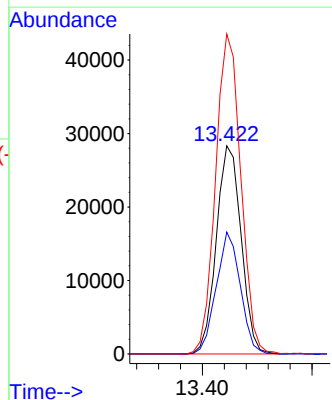
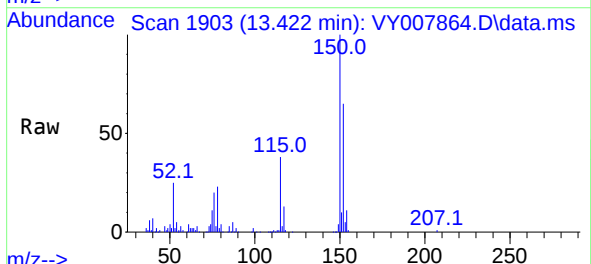
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6

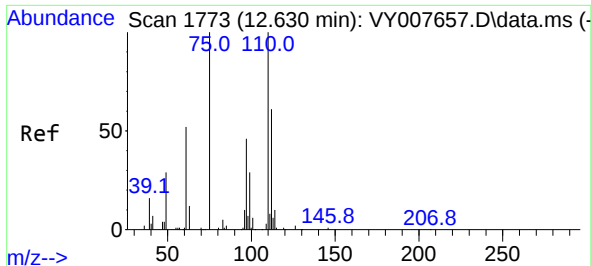
Tgt Ion:117 Resp: 104184
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion:152 Resp: 44592
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 156.4 0.0 347.6

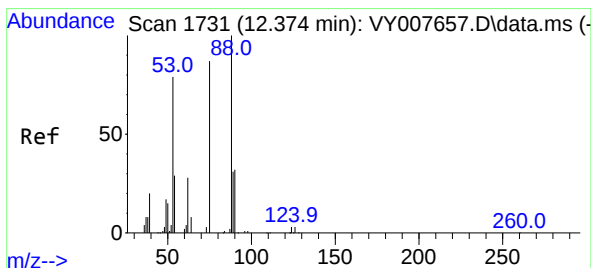
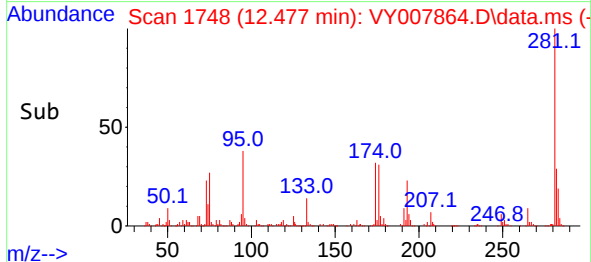
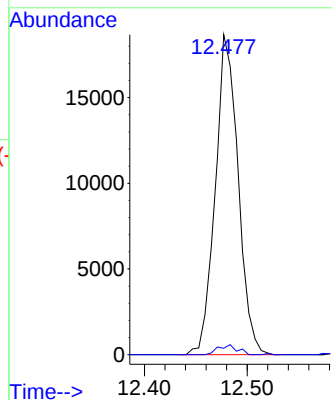
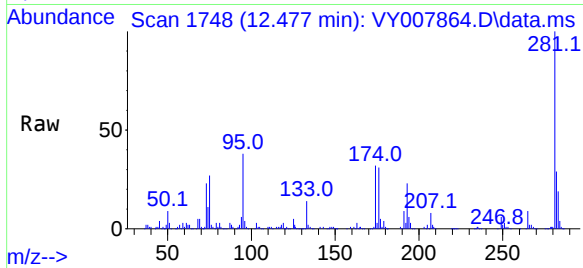




#76
1,2,3-Trichloropropane
Concen: 57.767 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6

Tgt Ion: 75 Resp: 28767
Ion Ratio Lower Upper
75 100
77 2.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.096 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion: 75 Resp: 28767
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 6.0 37.0 55.4#

