

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007853.D
 Acq On : 11 Mar 2022 14:39
 Operator : SY/MD
 Sample : N1847-07
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B1-030722-4-5

Quant Time: Mar 11 23:22:10 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)

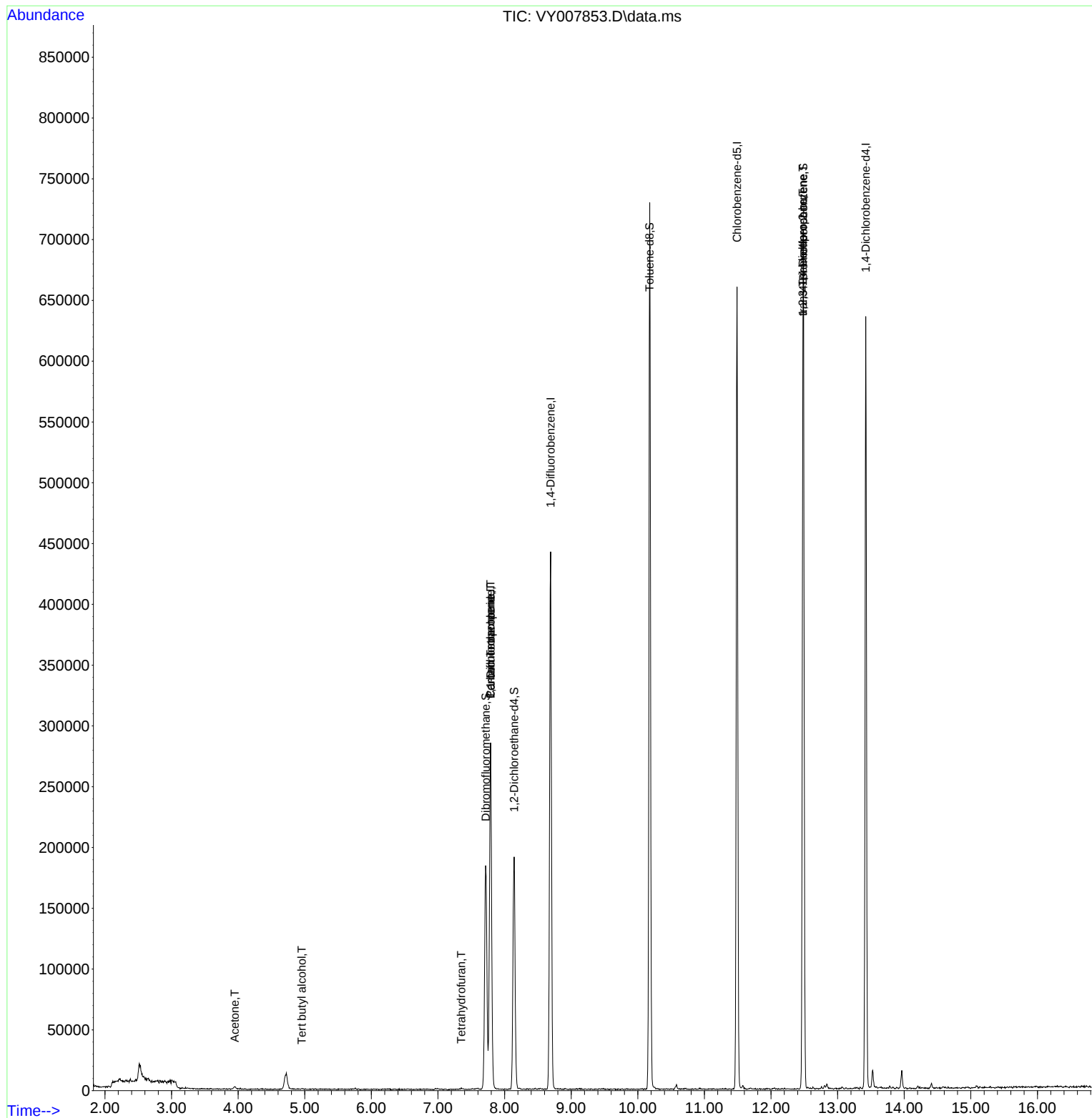
Internal Standards						
1) Pentafluorobenzene	7.789	168	209086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	361790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	147089	67.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.400%	
35) Dibromofluoromethane	7.716	113	126870	54.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.700%	
50) Toluene-d8	10.179	98	454354	53.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.720%	
62) 4-Bromofluorobenzene	12.483	95	136230	49.636	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	1639	Below Cal	#	58
11) Tert butyl alcohol	4.954	59	228	1.203	ug/l #	77
13) Acrolein	3.899	56	49	Below Cal	#	14
16) Acetone	3.948	43	3523	7.912	ug/l #	83
17) Carbon Disulfide	4.198	76	20	Below Cal	#	75
18) Methyl Acetate	4.460	43	88	Below Cal	#	56
20) Methylene Chloride	4.716	84	9123	Below Cal	#	82
29) Tetrahydrofuran	7.350	42	552	1.080	ug/l #	63
31) Cyclohexane	7.783	56	5492	Below Cal	#	20
36) 1,1-Dichloropropene	7.789	75	16933	4.654	ug/l #	53
38) Carbon Tetrachloride	7.789	117	21051	5.424	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	80633	49.465	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80633	101.125	ug/l #	8

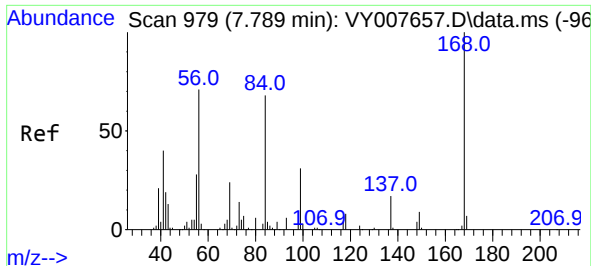
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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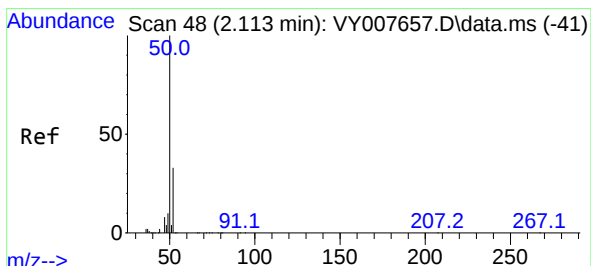
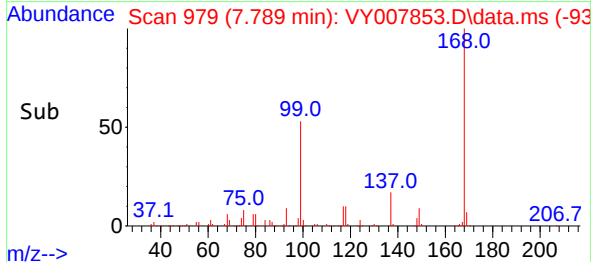
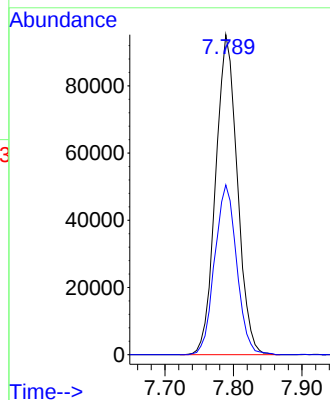
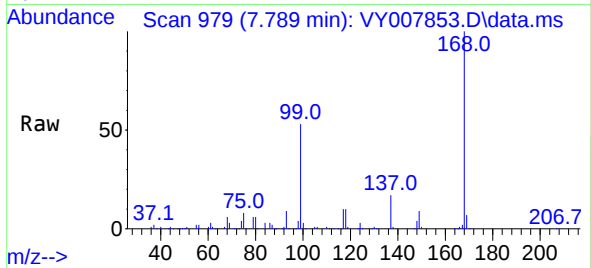




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

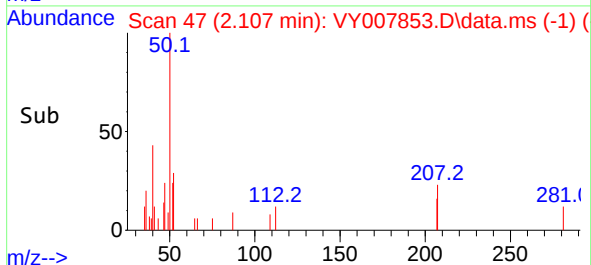
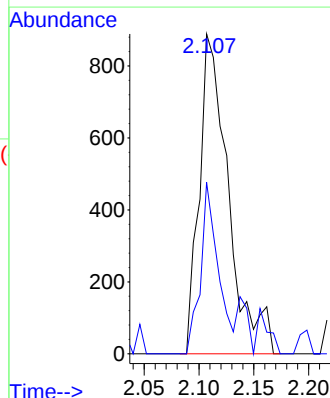
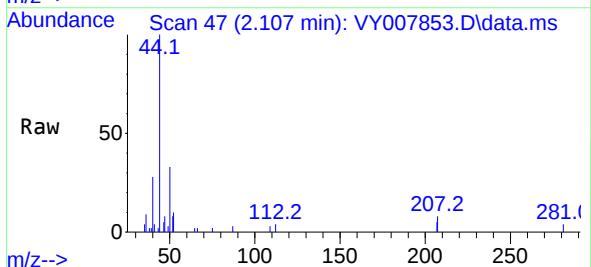
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-4-5

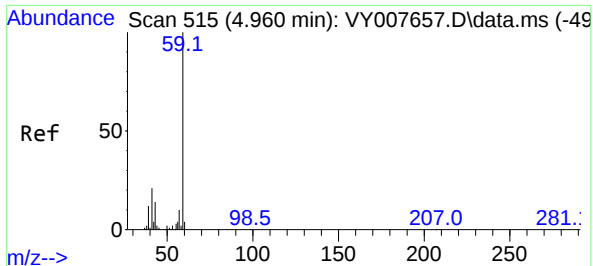
Tgt Ion:168 Resp: 209086
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Tgt Ion: 50 Resp: 1639
Ion Ratio Lower Upper
50 100
52 53.7 24.6 37.0#





#11

Tert butyl alcohol

Concen: 1.203 ug/l

RT: 4.954 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007853.D

Acq: 11 Mar 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

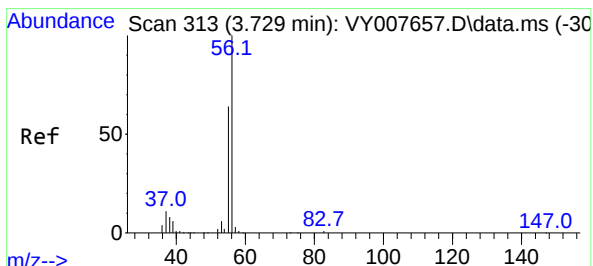
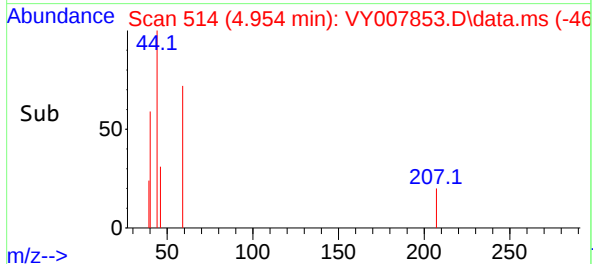
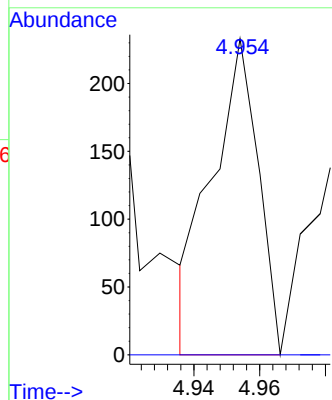
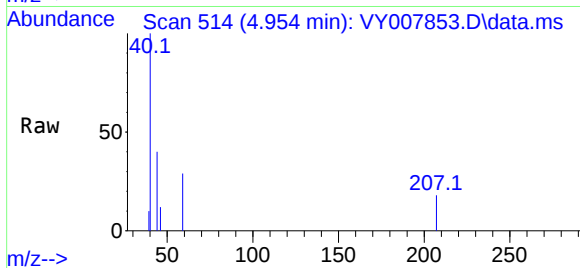
CG-B1-030722-4-5

Tgt Ion: 59 Resp: 228

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: Below Cal

RT: 3.899 min Scan# 341

Delta R.T. 0.170 min

Lab File: VY007853.D

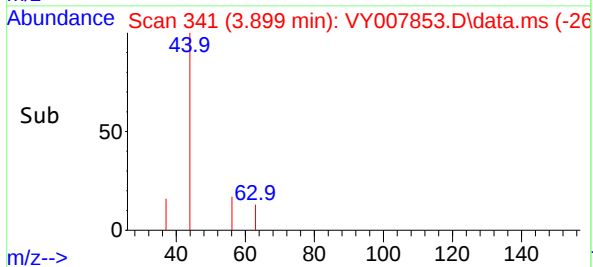
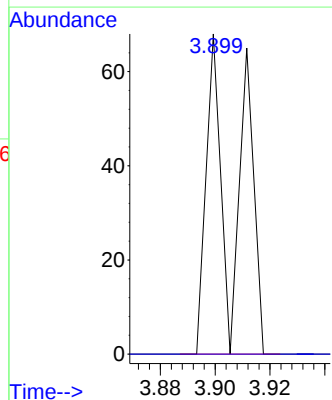
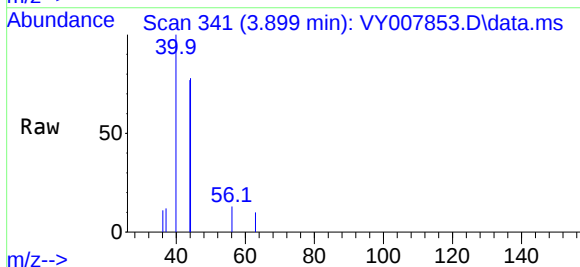
Acq: 11 Mar 2022 14:39

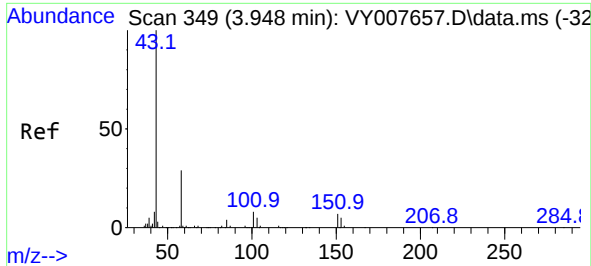
Tgt Ion: 56 Resp: 49

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#





#16

Acetone

Concen: 7.912 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY007853.D

Acq: 11 Mar 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

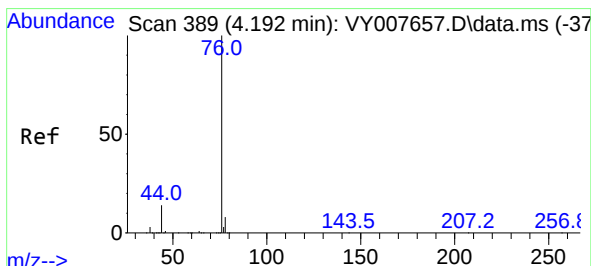
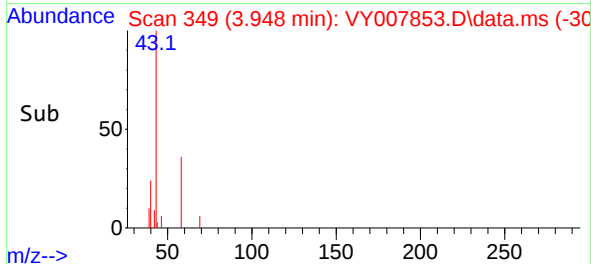
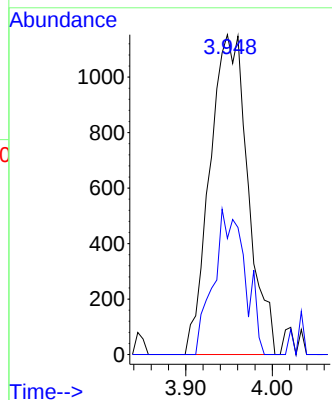
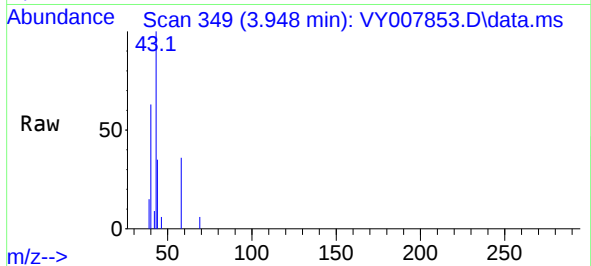
CG-B1-030722-4-5

Tgt Ion: 43 Resp: 3523

Ion Ratio Lower Upper

43 100

58 36.3 22.0 33.0#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY007853.D

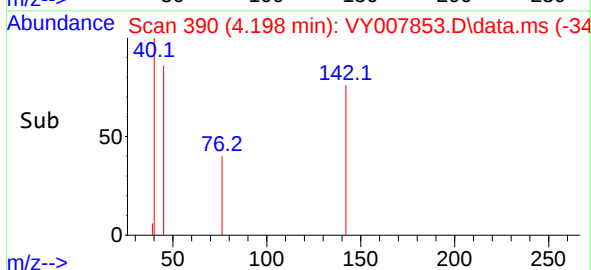
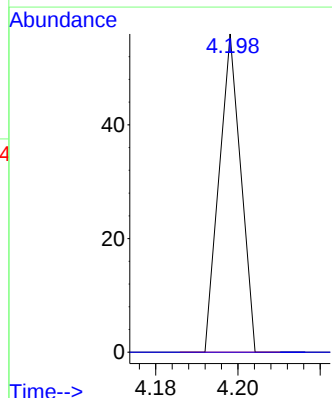
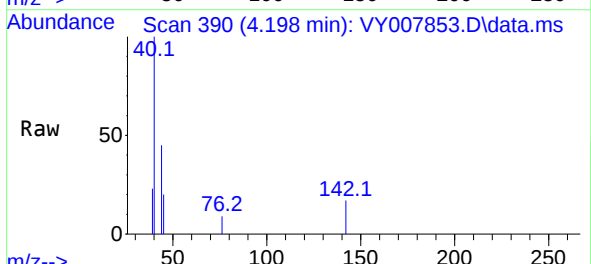
Acq: 11 Mar 2022 14:39

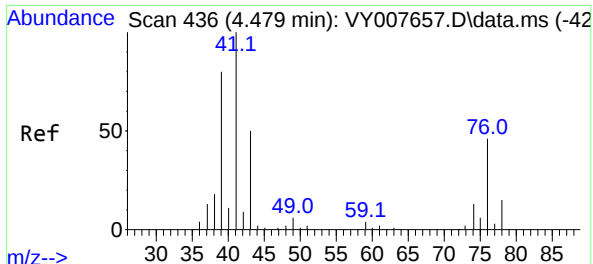
Tgt Ion: 76 Resp: 20

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

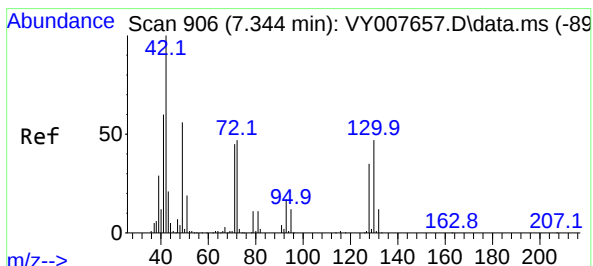
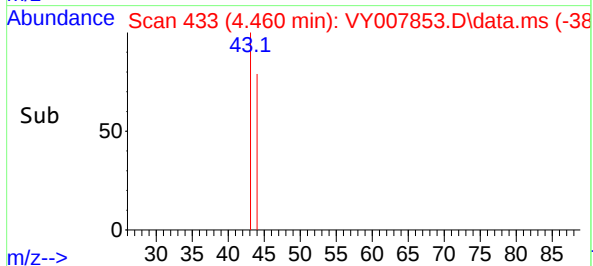
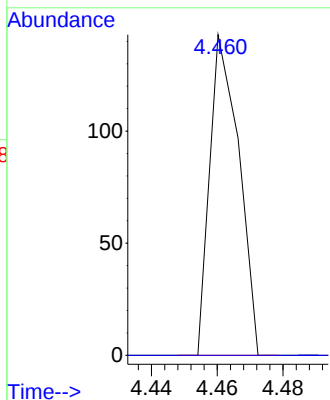
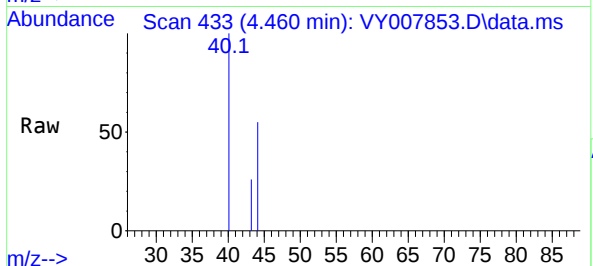




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.019 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

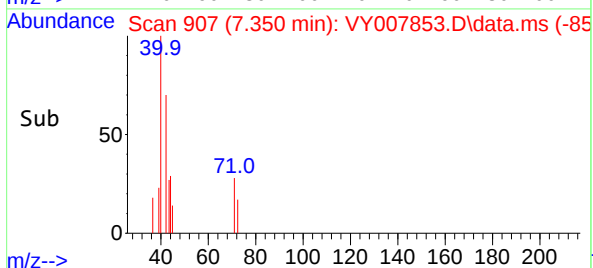
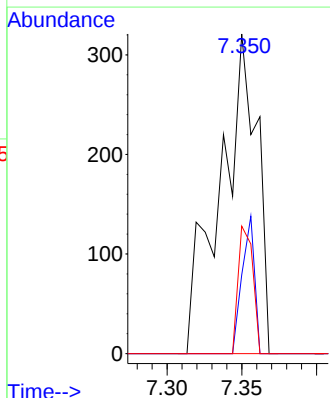
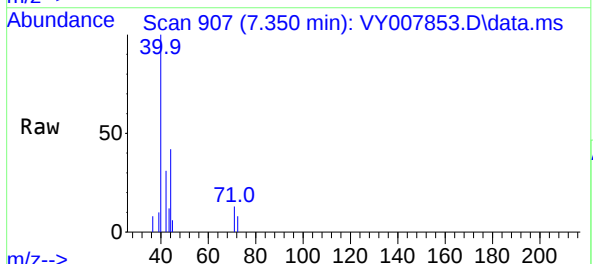
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-4-5

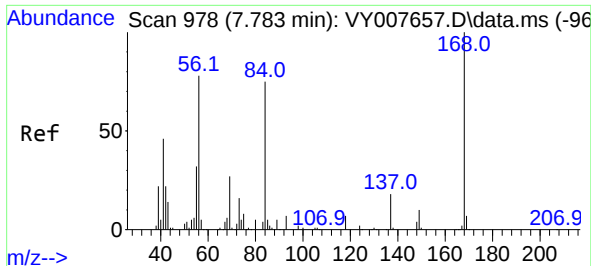
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#29
Tetrahydrofuran
Concen: 1.080 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Tgt Ion: 42 Resp: 552
Ion Ratio Lower Upper
42 100
72 14.3 30.3 45.5#
71 15.8 29.0 43.4#

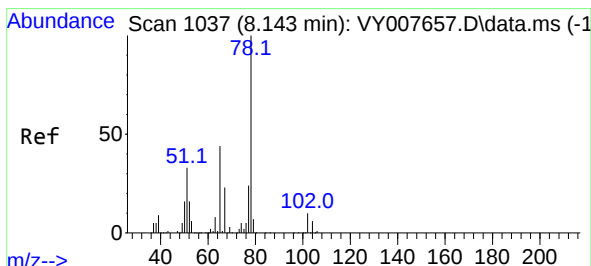
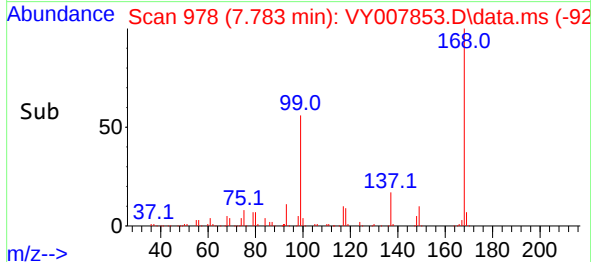
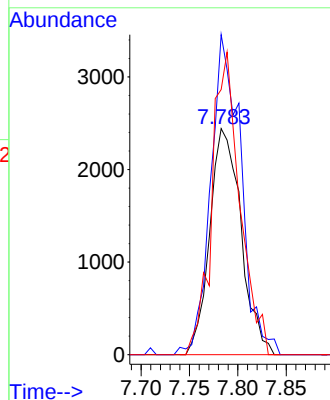
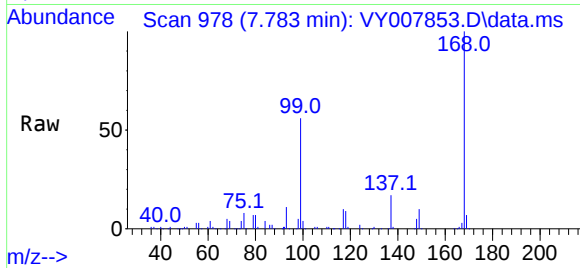




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

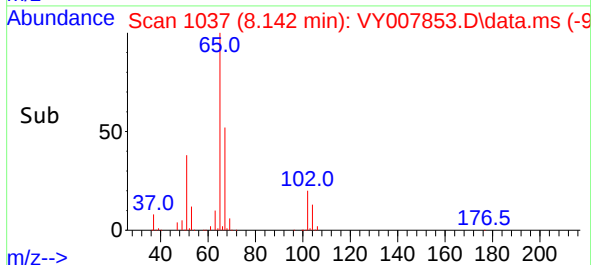
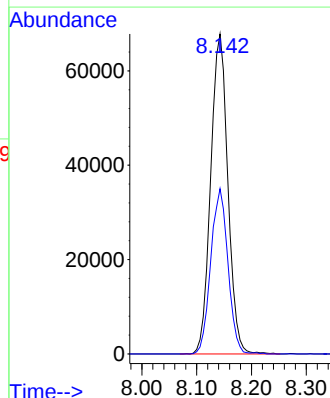
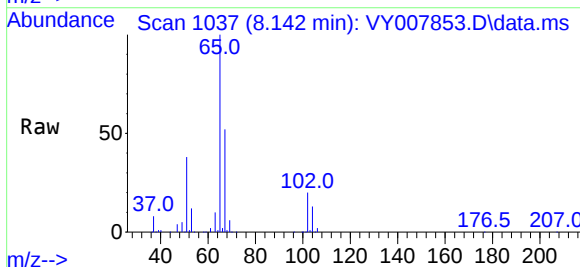
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-4-5

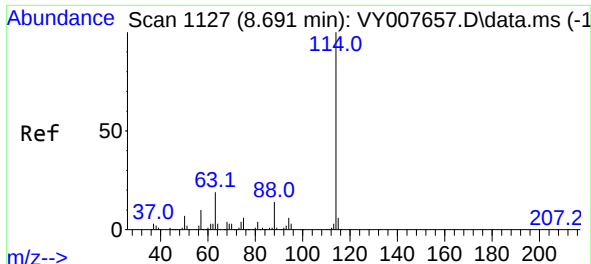
Tgt Ion: 56 Resp: 5492
Ion Ratio Lower Upper
56 100
69 141.6 26.7 40.1#
84 117.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 67.196 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Tgt Ion: 65 Resp: 147089
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4



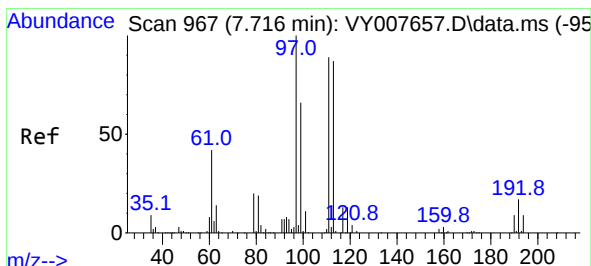
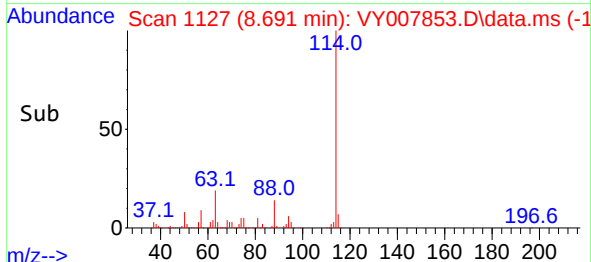
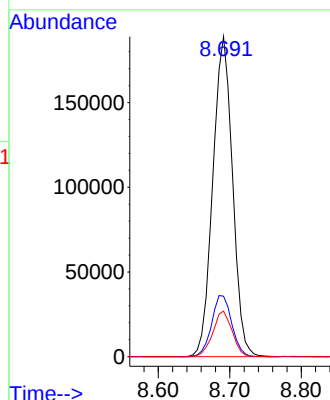
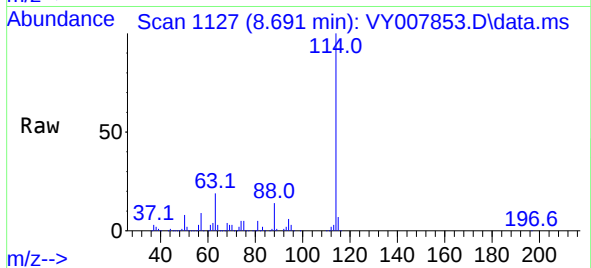


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-4-5

Tgt Ion:114 Resp: 361790

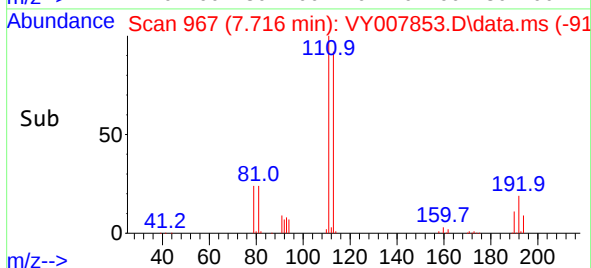
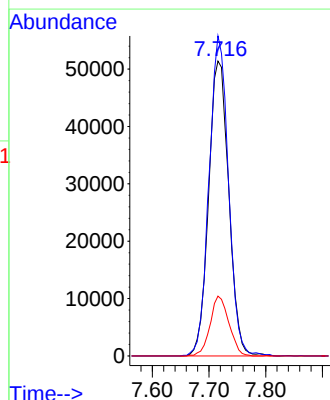
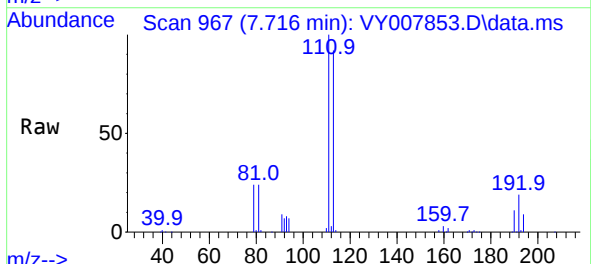
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	43.2
88	14.3	0.0	31.8

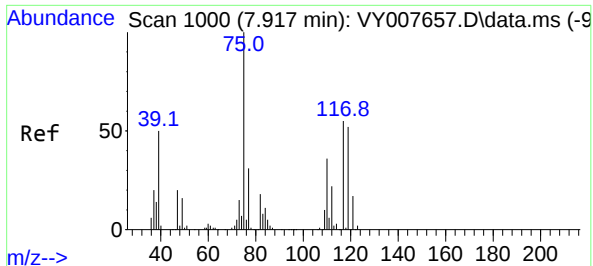


#35
Dibromofluoromethane
Concen: 54.850 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Tgt Ion:113 Resp: 126870

Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	124.0
192	18.9	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.654 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007853.D

Acq: 11 Mar 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

CG-B1-030722-4-5

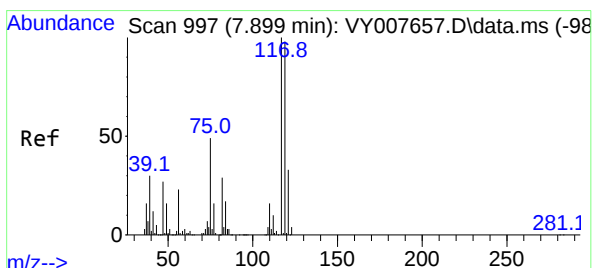
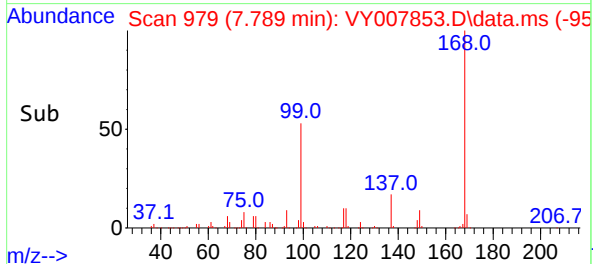
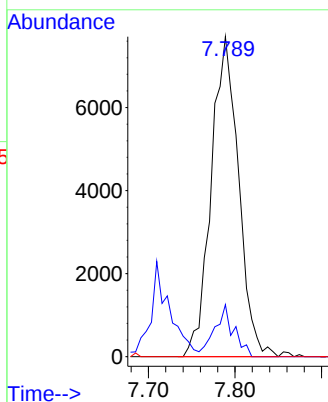
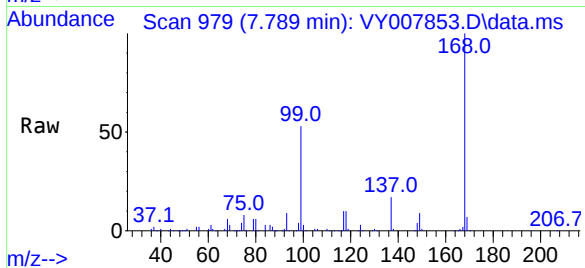
Tgt Ion: 75 Resp: 16933

Ion Ratio Lower Upper

75 100

110 11.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.424 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007853.D

Acq: 11 Mar 2022 14:39

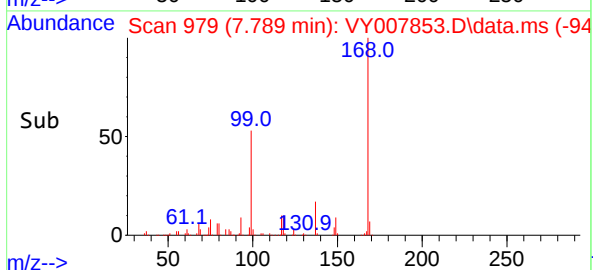
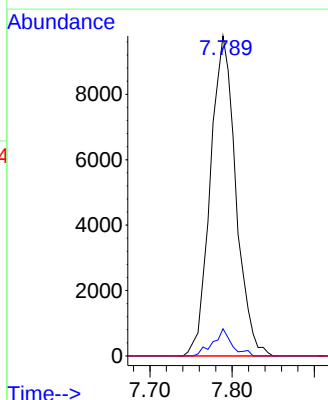
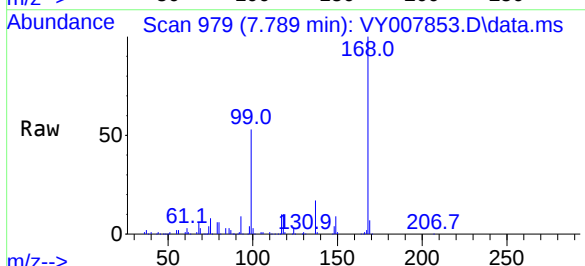
Tgt Ion: 117 Resp: 21051

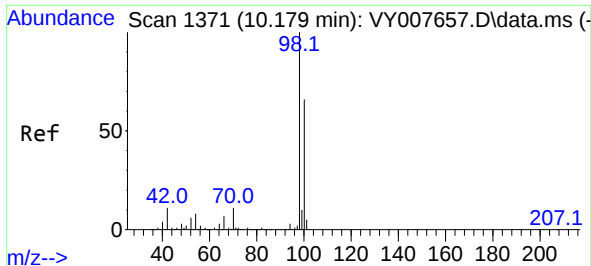
Ion Ratio Lower Upper

117 100

119 8.5 77.9 116.9#

121 0.0 24.8 37.2#

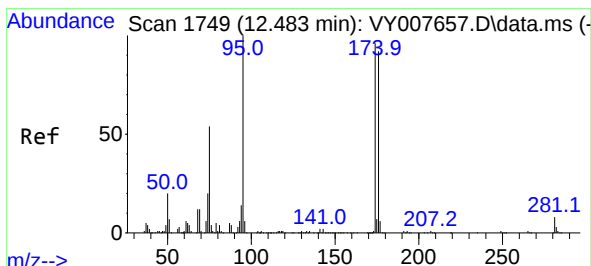
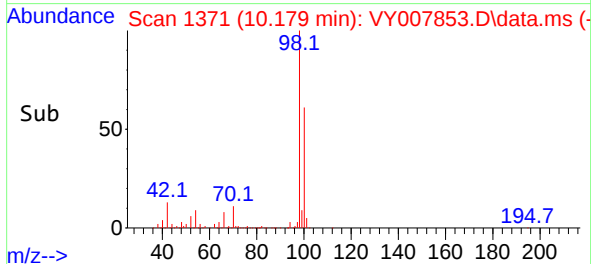
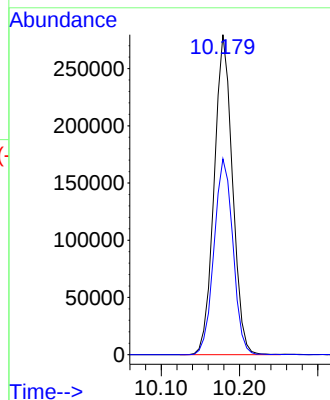
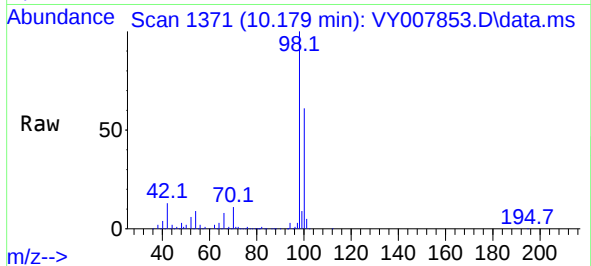




#50
Toluene-d8
Concen: 53.363 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

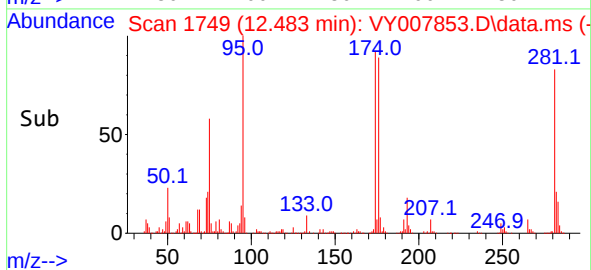
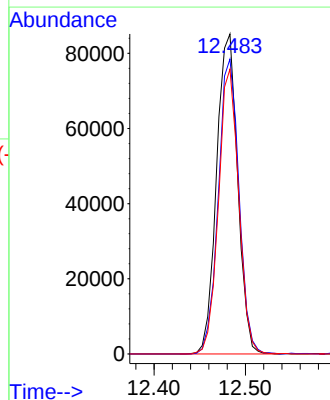
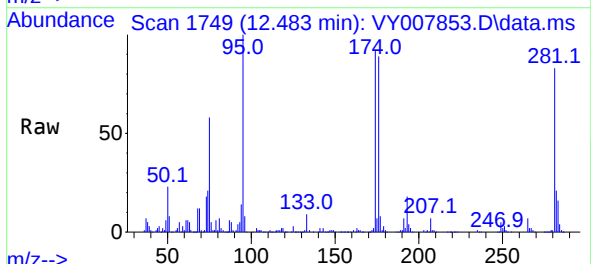
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-4-5

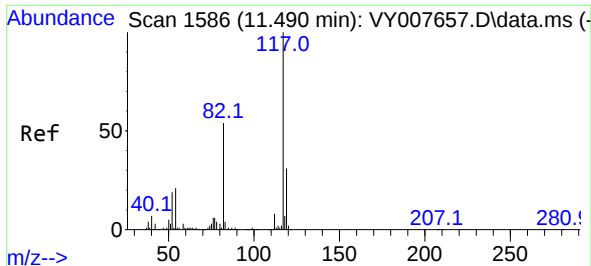
Tgt Ion: 98 Resp: 454354
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.636 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Tgt Ion: 95 Resp: 136230
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 85.6 0.0 175.8

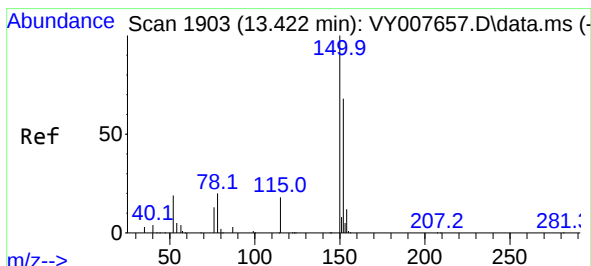
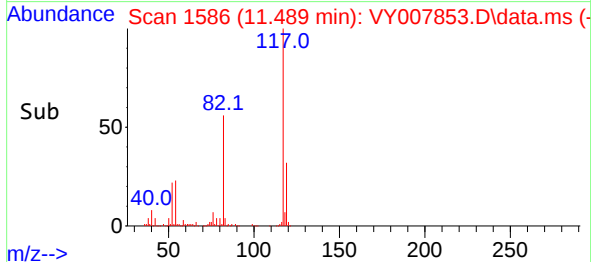
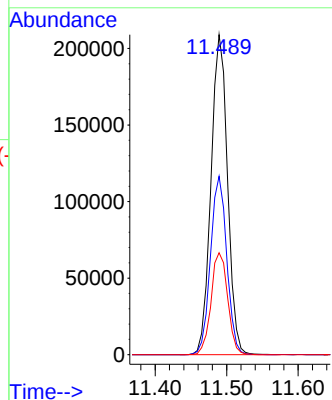
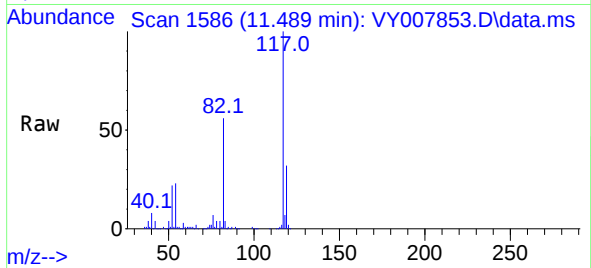




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

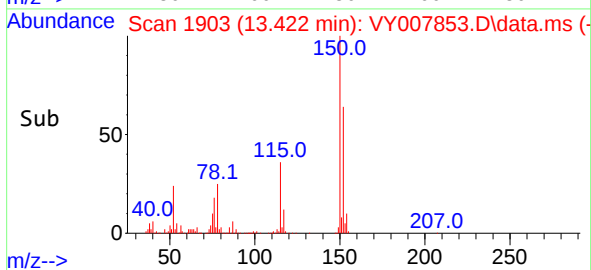
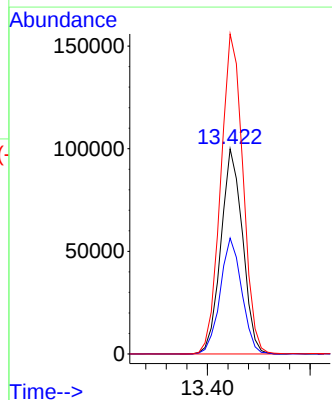
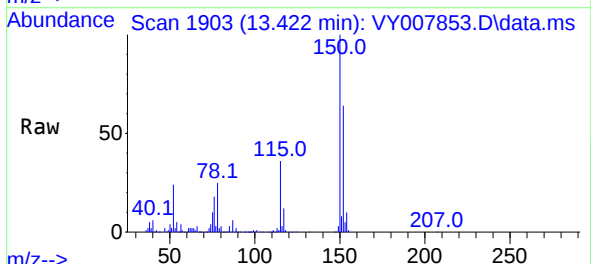
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-4-5

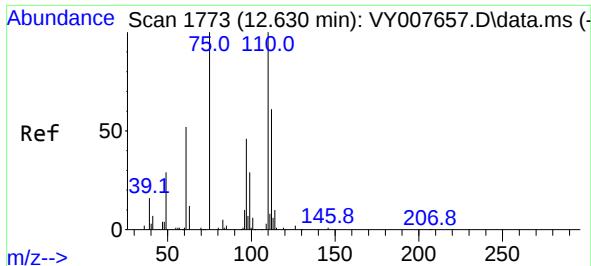
Tgt Ion:117	Resp:	335174	
Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.0	64.4
119	31.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Tgt Ion:152	Resp:	145967	
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.2	84.7
150	160.6	0.0	347.6

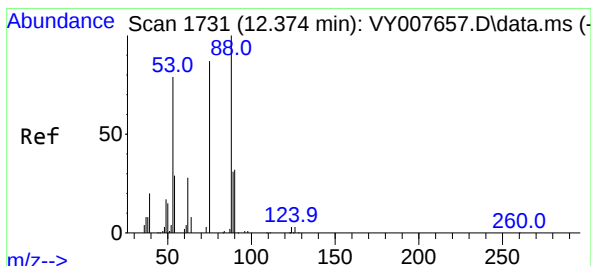
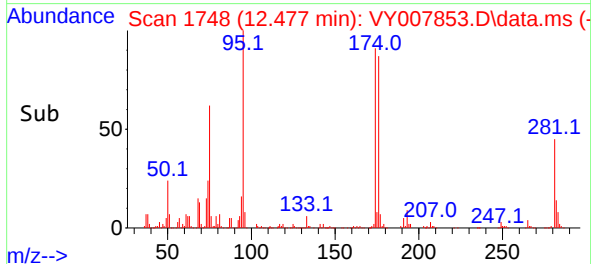
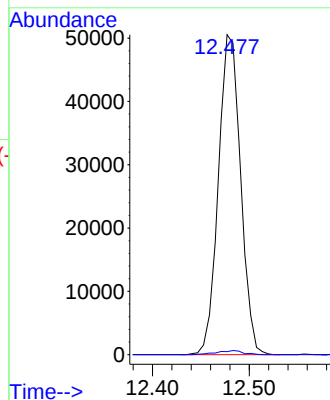
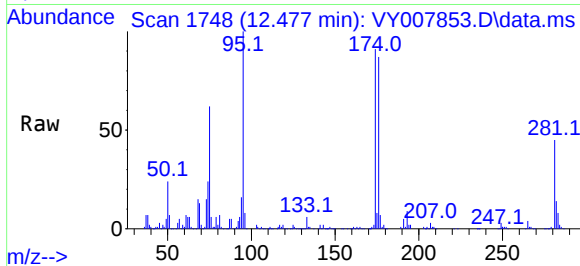




#76
1,2,3-Trichloropropane
Concen: 49.465 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-4-5

Tgt Ion: 75 Resp: 80633
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.125 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Tgt Ion: 75 Resp: 80633
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 1.2 37.0 55.4#

