

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007854.D
 Acq On : 11 Mar 2022 15:03
 Operator : SY/MD
 Sample : N1848-01
 Misc : 7.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B4-030722-0-1

Quant Time: Mar 11 23:22:23 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)

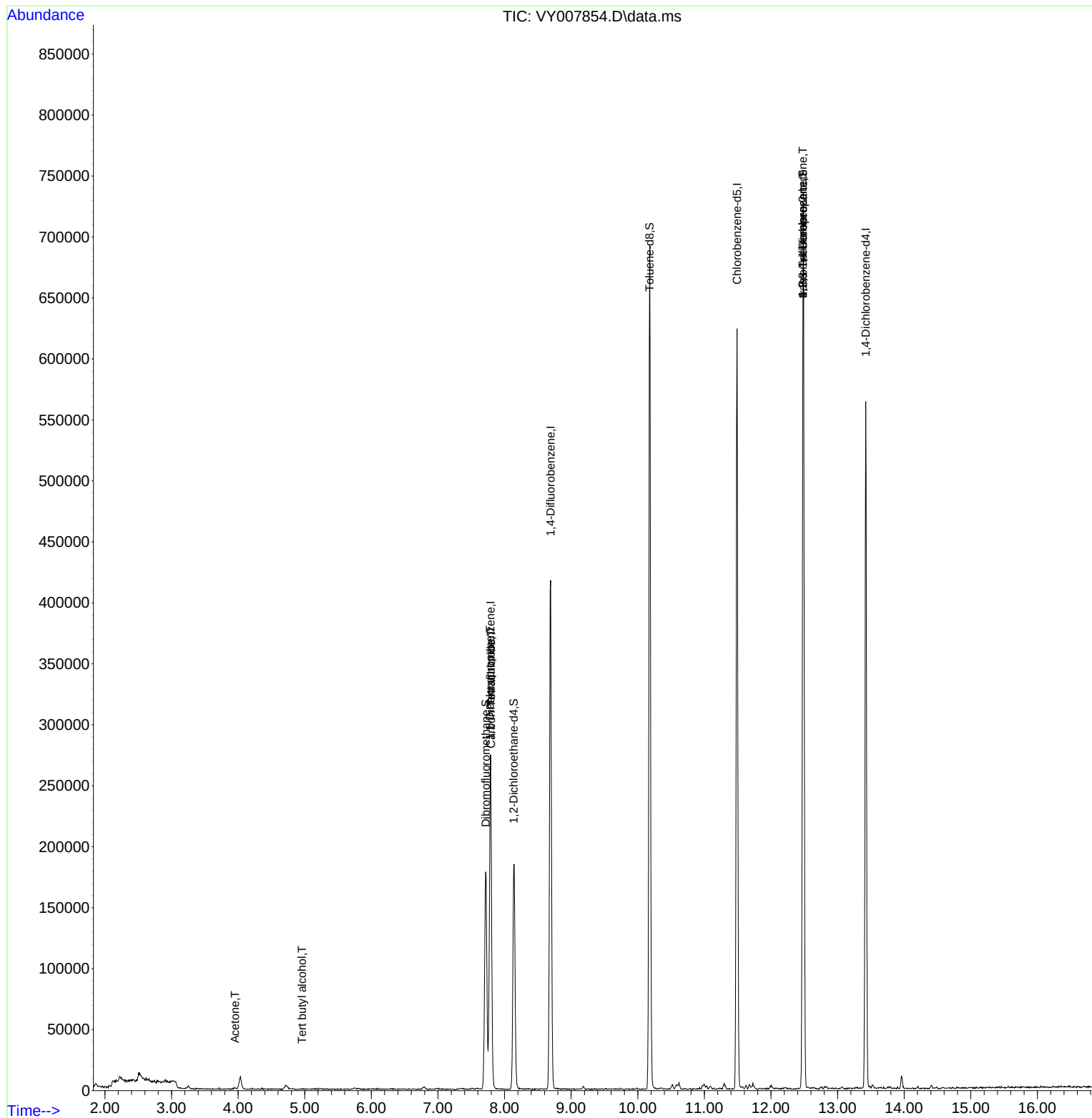
Internal Standards						
1) Pentafluorobenzene	7.789	168	199071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	351637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	317731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	139931	67.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.280%	
35) Dibromofluoromethane	7.716	113	121704	54.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.280%	
50) Toluene-d8	10.179	98	432654	52.281	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.477	95	127137	47.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1405	Below Cal	#	70
11) Tert butyl alcohol	4.960	59	275	1.524	ug/l #	77
13) Acrolein	3.723	56	70	Below Cal	#	14
16) Acetone	3.954	43	1979	4.668	ug/l #	89
17) Carbon Disulfide	4.186	76	33	Below Cal	#	75
18) Methyl Acetate	4.479	43	290	Below Cal	#	72
20) Methylene Chloride	4.716	84	1927	Below Cal	#	62
31) Cyclohexane	7.789	56	5244	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	17200	4.864	ug/l #	51
38) Carbon Tetrachloride	7.795	117	20916	5.544	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	77225	52.105	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	77225	106.523	ug/l #	8

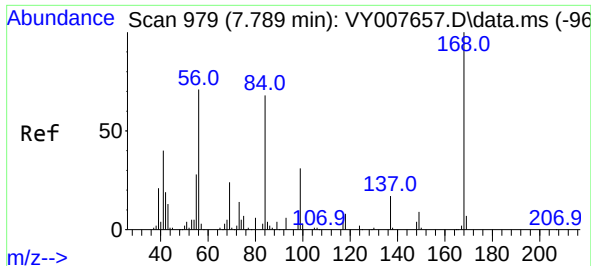
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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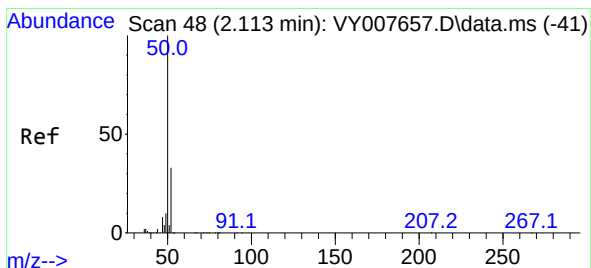
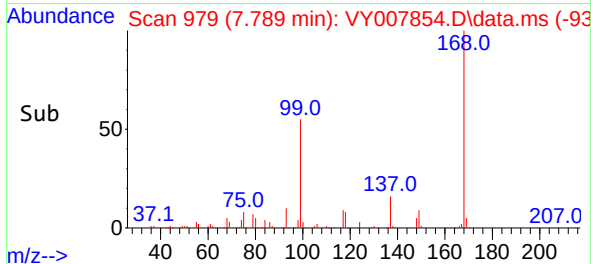
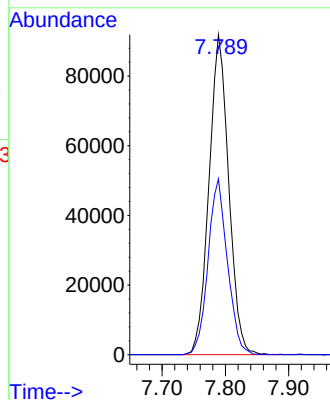
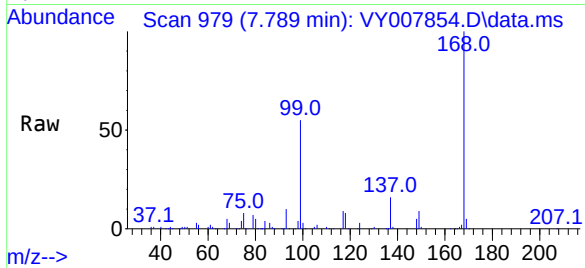




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

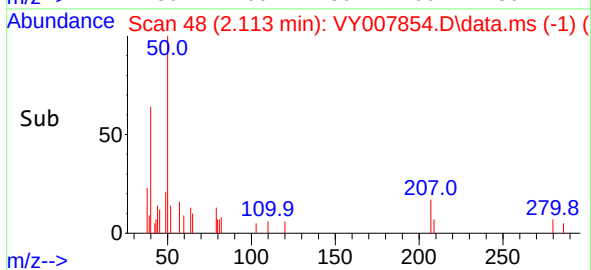
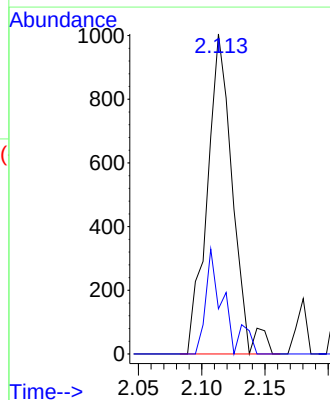
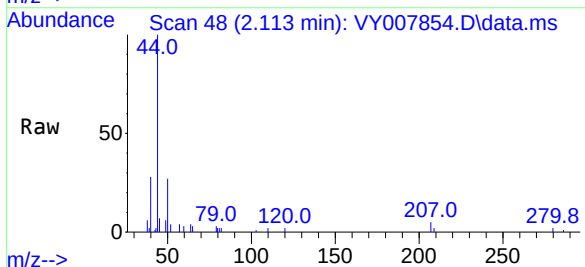
Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-0-1

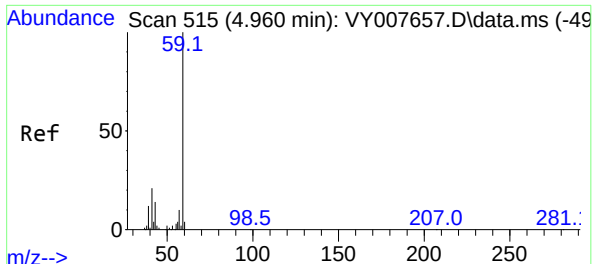
Tgt Ion:168 Resp: 199071
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion: 50 Resp: 1405
Ion Ratio Lower Upper
50 100
52 14.1 24.6 37.0#

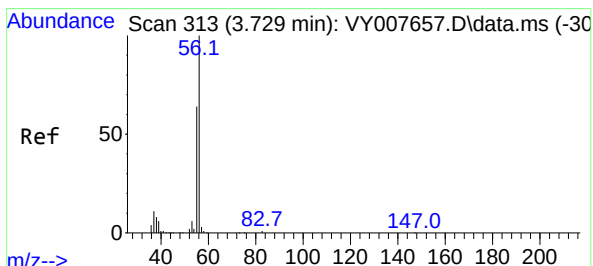
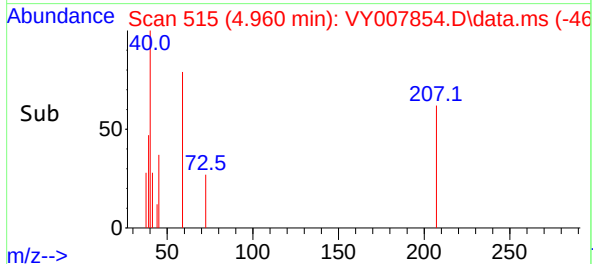
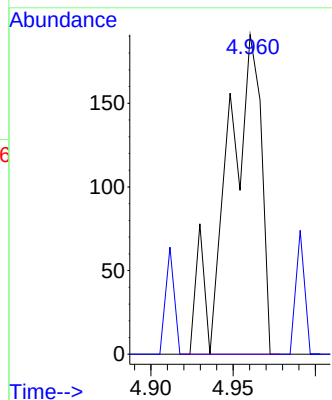
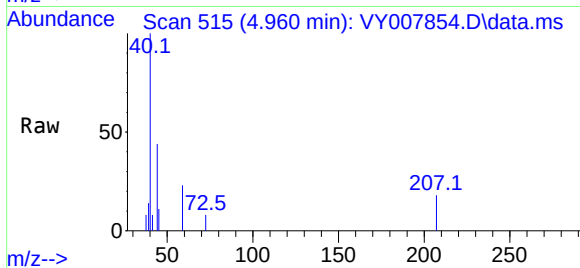




#11
Tert butyl alcohol
Concen: 1.524 ug/l
RT: 4.960 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

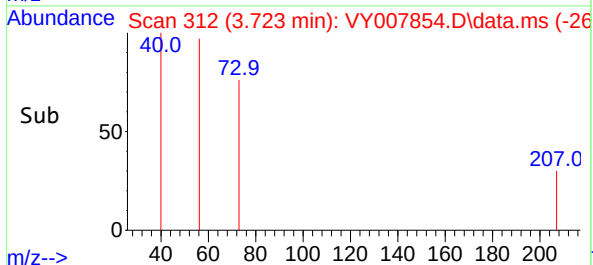
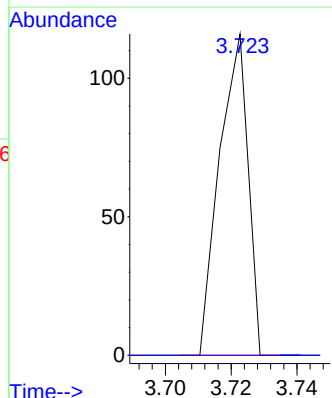
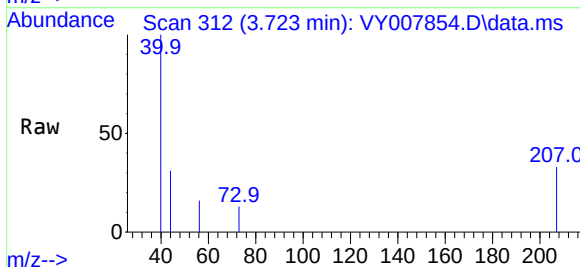
Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-0-1

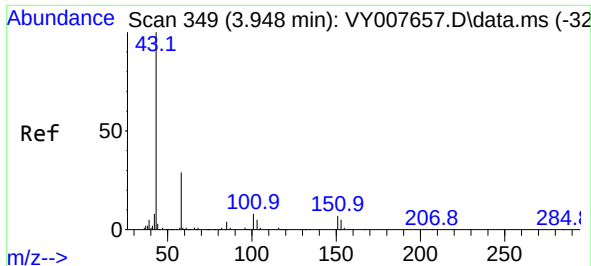
Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

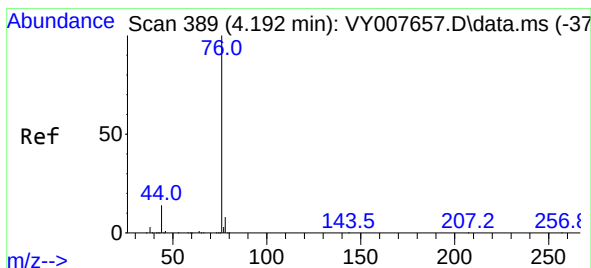
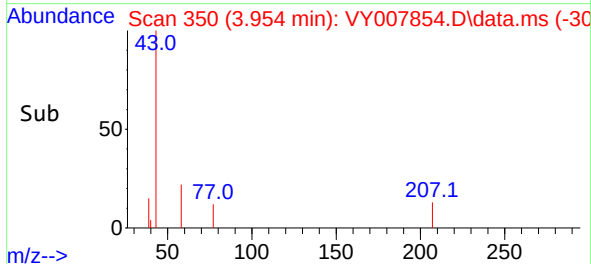
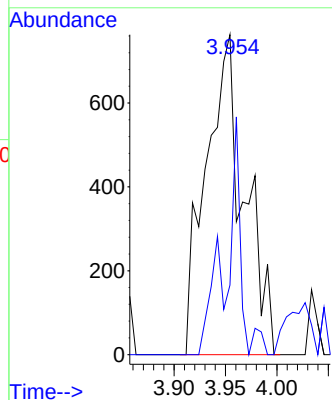
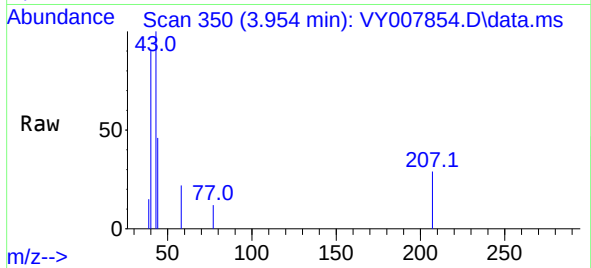




#16
Acetone
Concen: 4.668 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

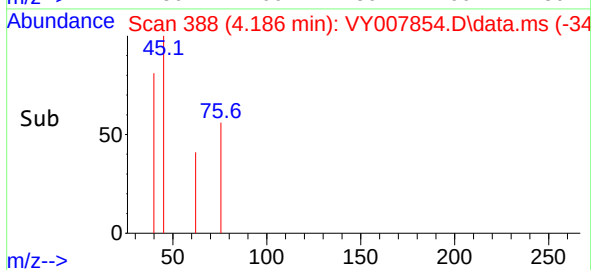
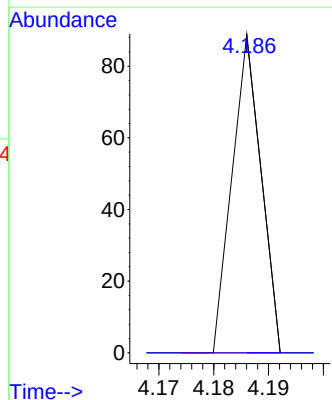
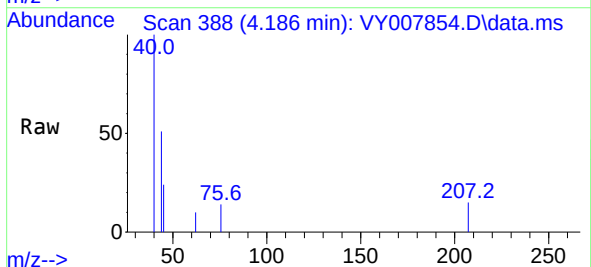
Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-0-1

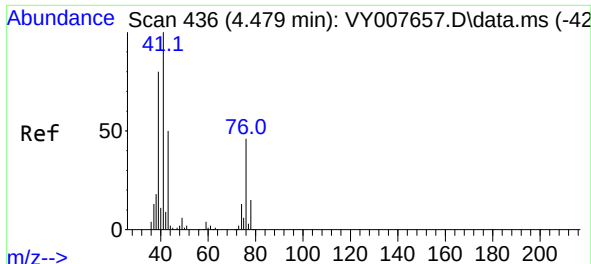
Tgt Ion: 43 Resp: 1979
Ion Ratio Lower Upper
43 100
58 21.8 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion: 76 Resp: 33
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

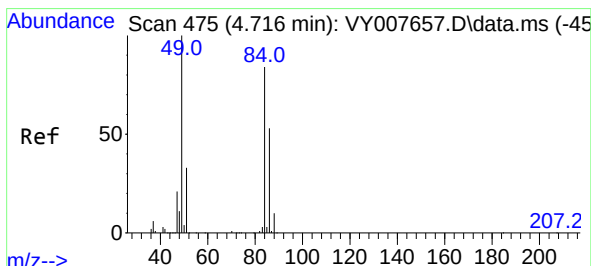
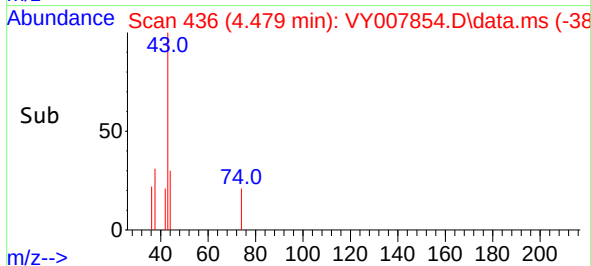
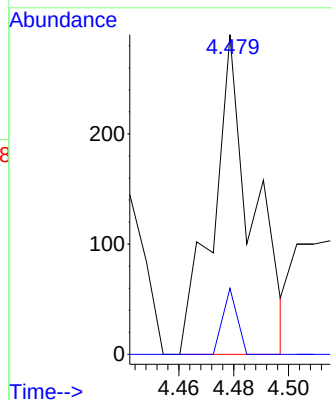
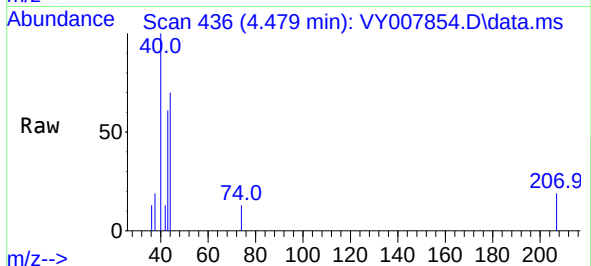




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

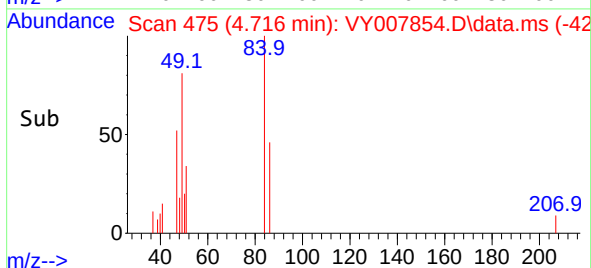
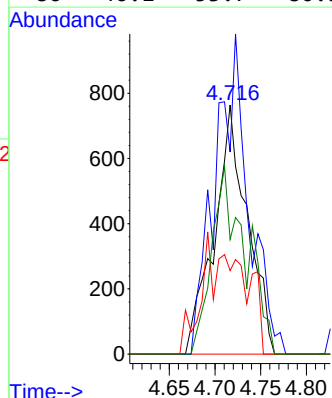
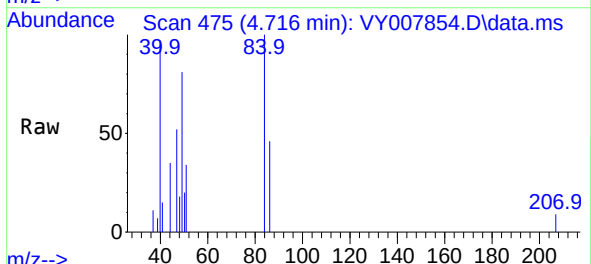
Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-0-1

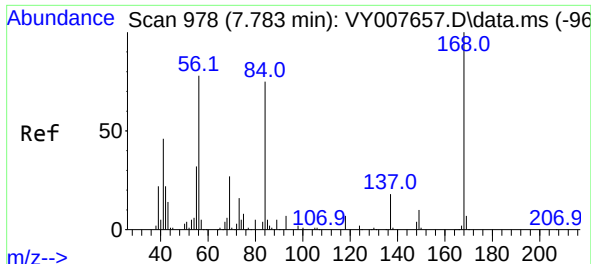
Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
74 7.6 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion: 84 Resp: 1927
Ion Ratio Lower Upper
84 100
49 81.2 114.4 171.6#
51 33.5 35.3 52.9#
86 46.1 53.7 80.5#

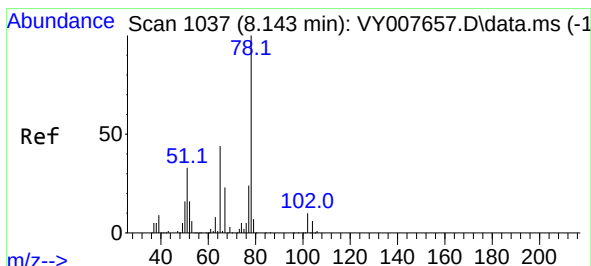
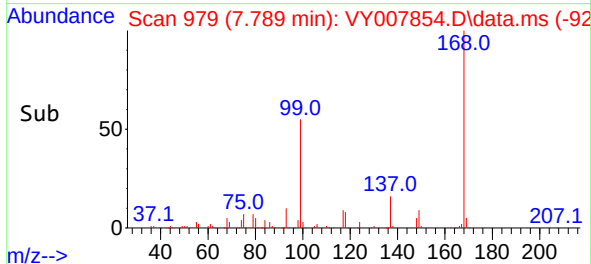
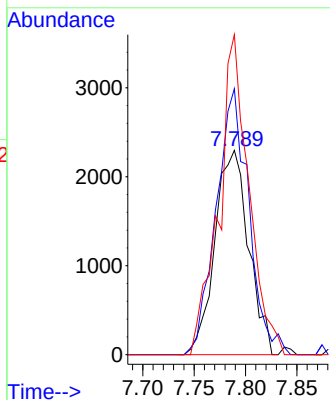
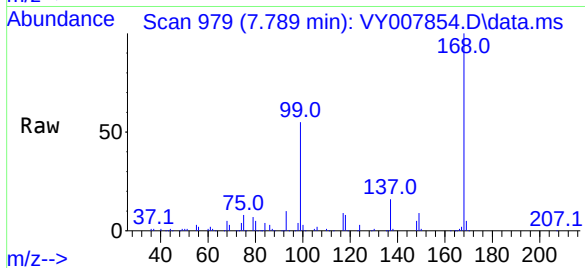




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

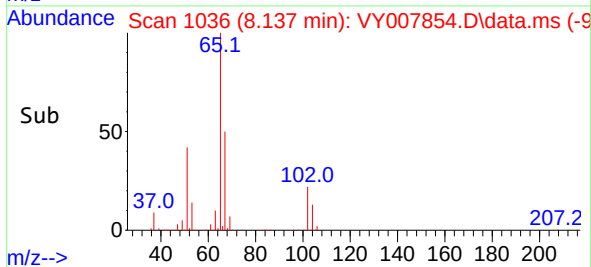
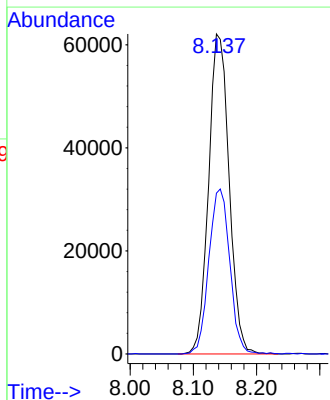
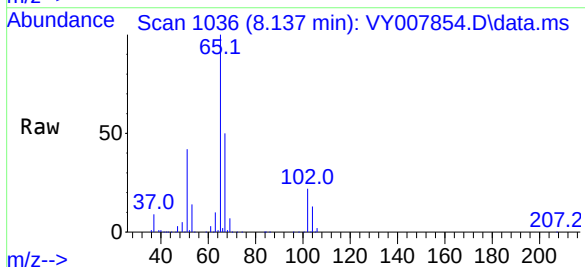
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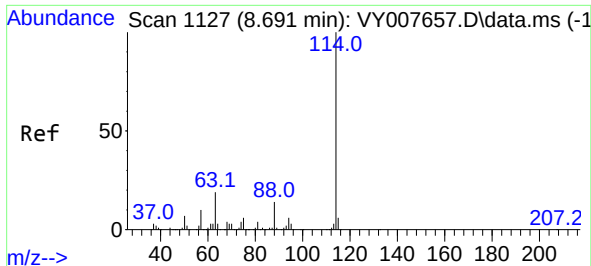
Tgt Ion: 56 Resp: 5244
Ion Ratio Lower Upper
56 100
69 130.2 26.7 40.1#
84 156.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 67.142 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion: 65 Resp: 139931
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4

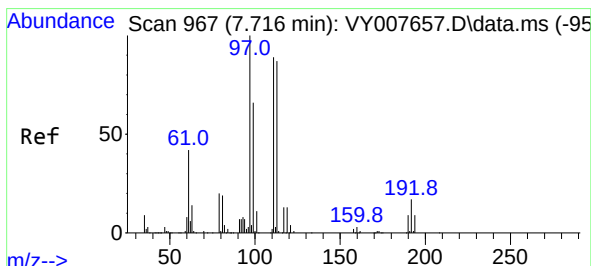
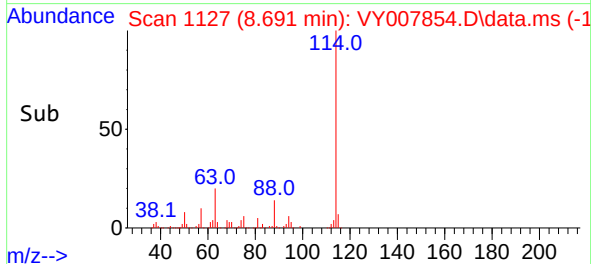
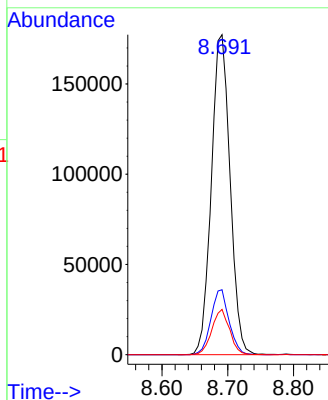
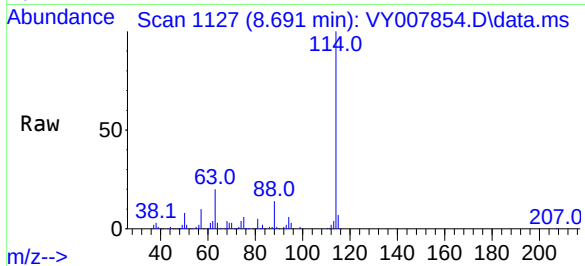




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

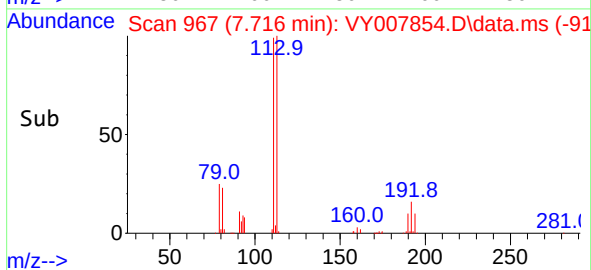
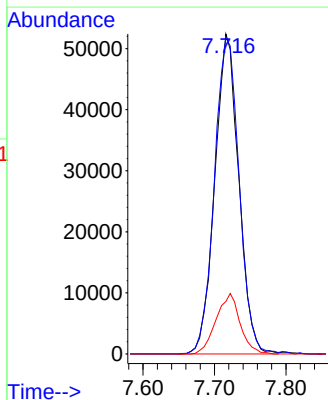
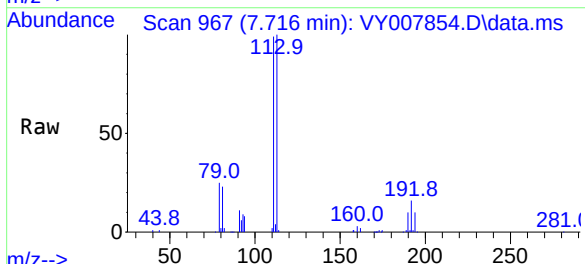
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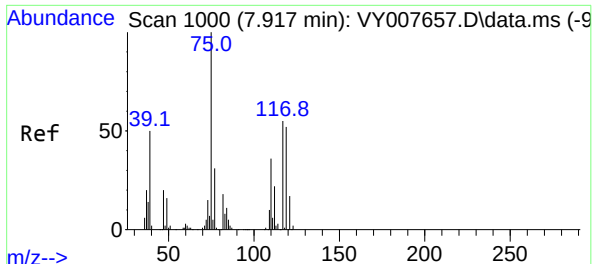
Tgt Ion:	114	Resp:	351637
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	43.2
88	14.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 54.136 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion:	113	Resp:	121704
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.6	124.0
192	18.9	17.6	26.4

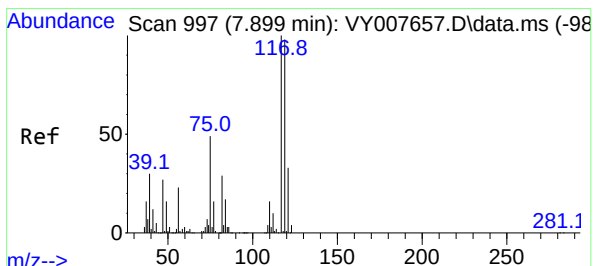
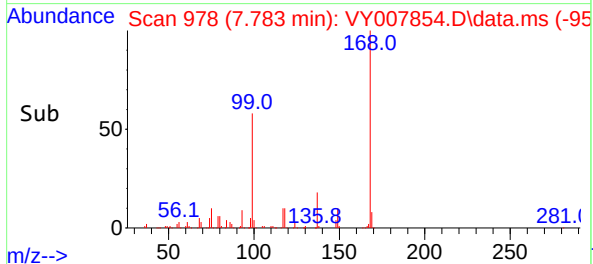
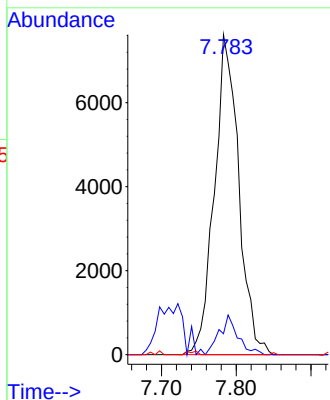
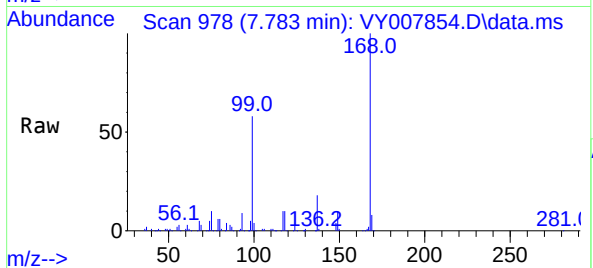




#36
1,1-Dichloropropene
Concen: 4.864 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

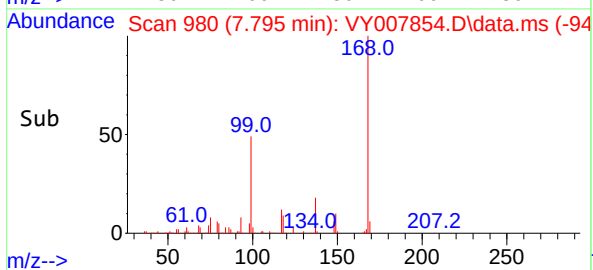
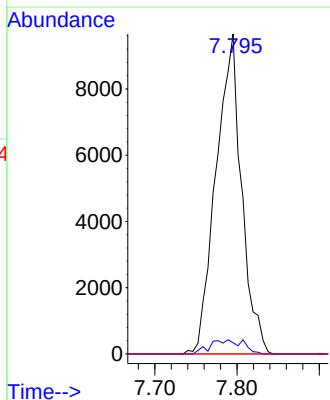
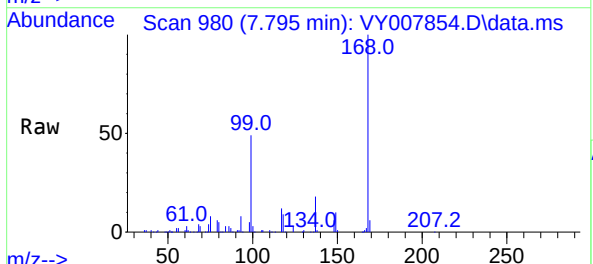
Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-0-1

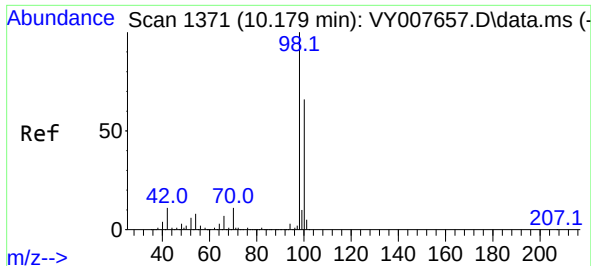
Tgt Ion: 75 Resp: 17200
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.544 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion: 117 Resp: 20916
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.8 37.2#

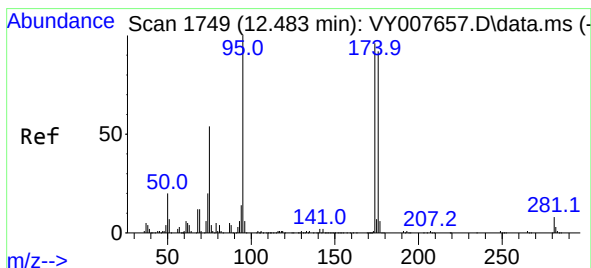
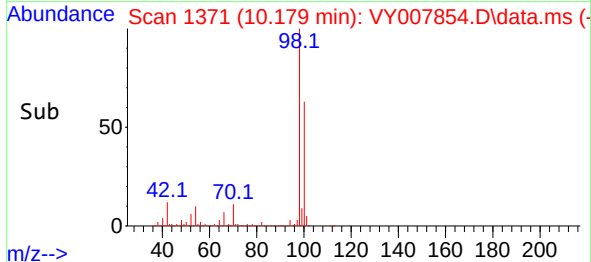
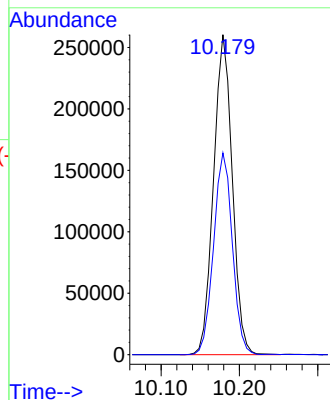
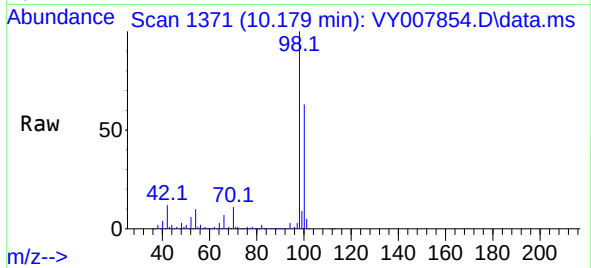




#50
Toluene-d8
Concen: 52.281 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

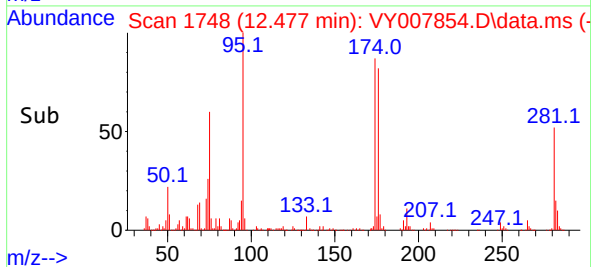
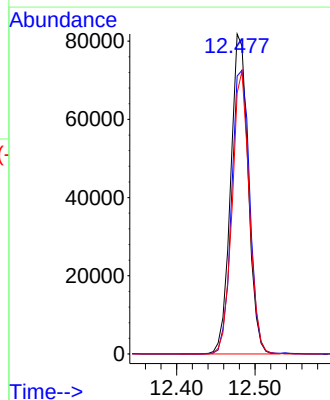
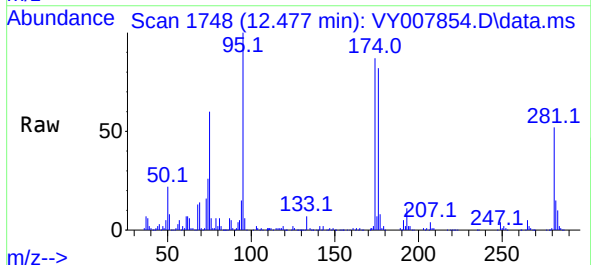
Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-0-1

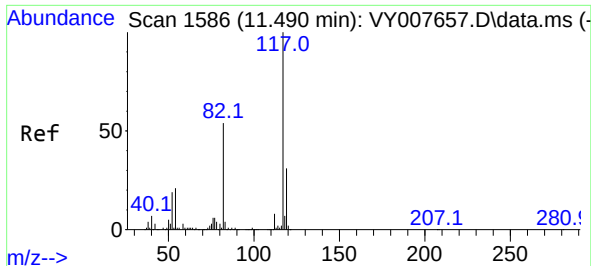
Tgt Ion: 98 Resp: 432654
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.661 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion: 95 Resp: 127137
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 86.1 0.0 175.8

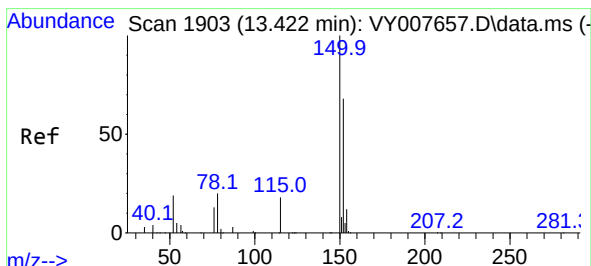
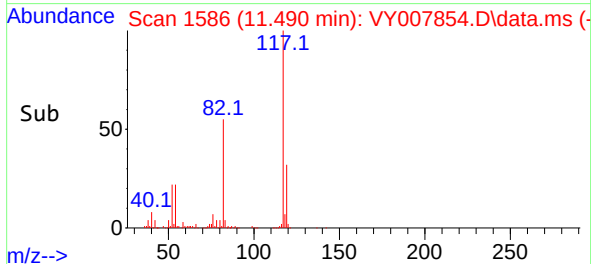
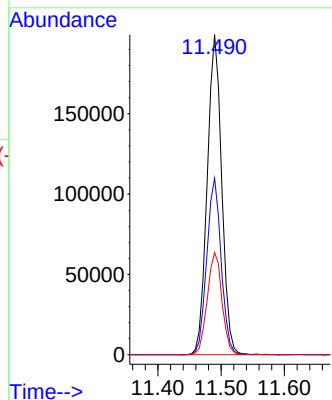
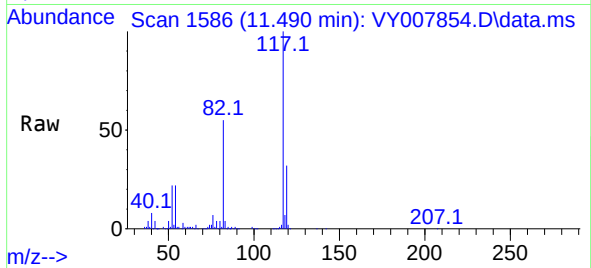




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

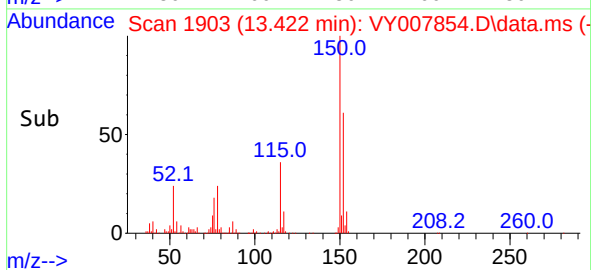
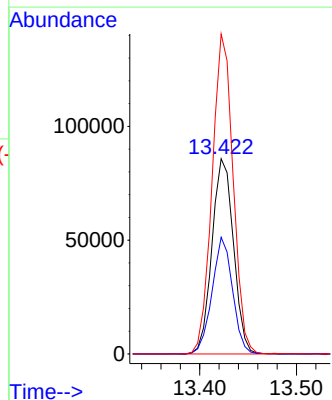
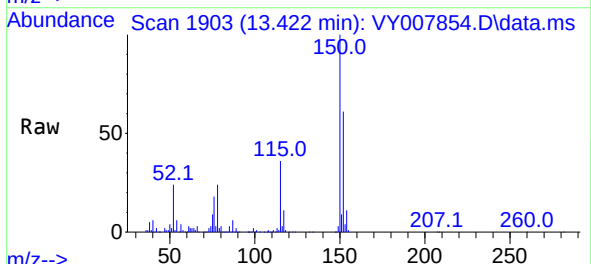
Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-0-1

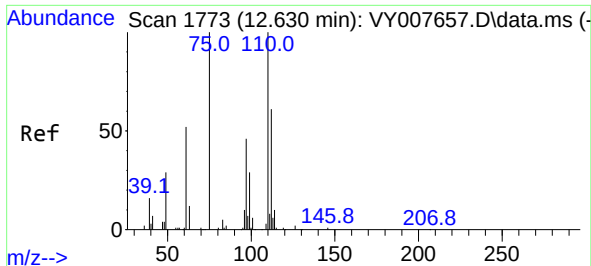
Tgt Ion:117 Resp: 317731
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion:152 Resp: 132713
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 159.7 0.0 347.6

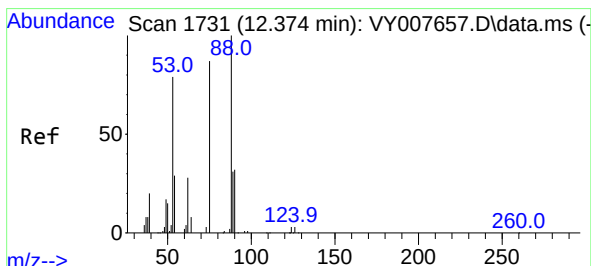
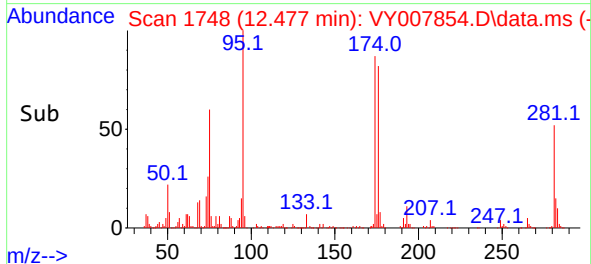
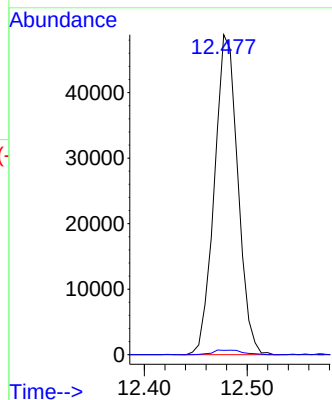
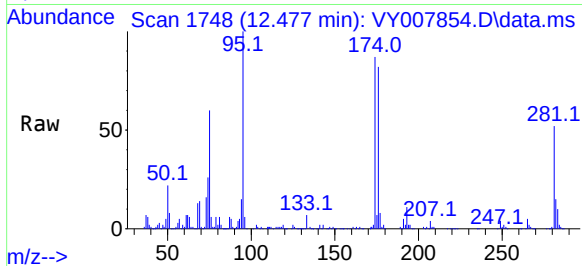




#76
1,2,3-Trichloropropane
Concen: 52.105 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-0-1

Tgt Ion: 75 Resp: 77225
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.523 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion: 75 Resp: 77225
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.4 37.0 55.4#

