

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007852.D
 Acq On : 11 Mar 2022 14:16
 Operator : SY/MD
 Sample : N1847-06
 Misc : 7.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B1-030722-0-1-BD

Quant Time: Mar 11 23:21:57 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)

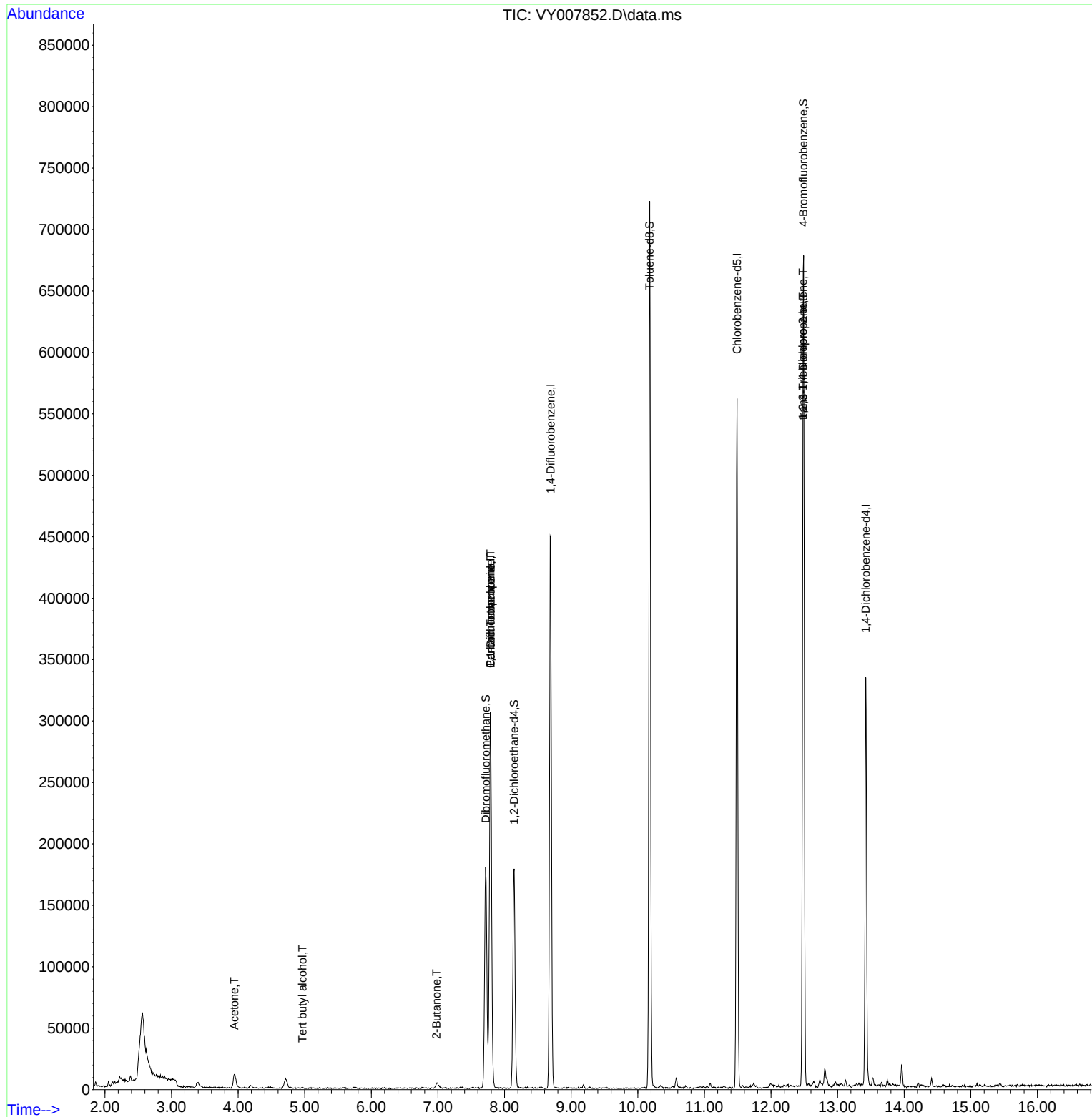
Internal Standards						
1) Pentafluorobenzene	7.789	168	227526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	376606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136936	57.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.980%	
35) Dibromofluoromethane	7.716	113	125030	51.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.860%	
50) Toluene-d8	10.179	98	454288	51.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.483	95	96016	33.608	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 67.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	181	Below Cal	#	43
3) Chloromethane	2.113	50	1971	Below Cal		90
11) Tert butyl alcohol	4.966	59	534	2.589	ug/l #	89
13) Acrolein	3.723	56	60	Below Cal	#	14
16) Acetone	3.942	43	19474	40.189	ug/l	98
17) Carbon Disulfide	4.180	76	2954	Below Cal	#	83
18) Methyl Acetate	4.485	43	1815	Below Cal	#	73
20) Methylene Chloride	4.716	84	5621	Below Cal	#	65
25) 2-Butanone	6.978	43	7470	9.190	ug/l #	88
31) Cyclohexane	7.783	56	5762	Below Cal	#	24
36) 1,1-Dichloropropene	7.789	75	18439	4.868	ug/l #	52
38) Carbon Tetrachloride	7.789	117	23856	5.904	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	59105	67.702	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59105	138.408	ug/l #	7

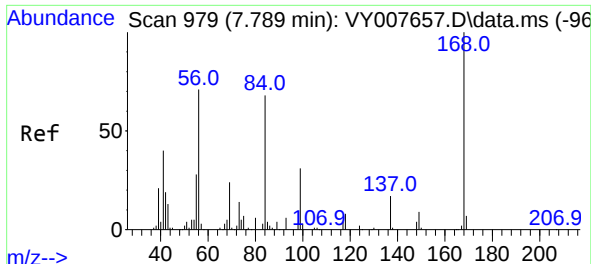
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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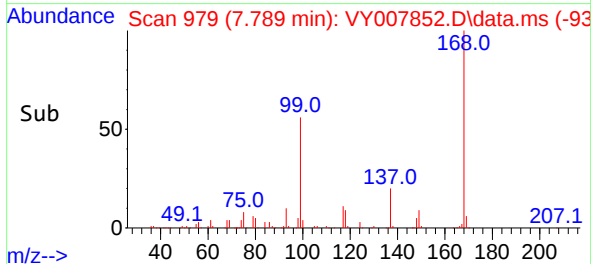
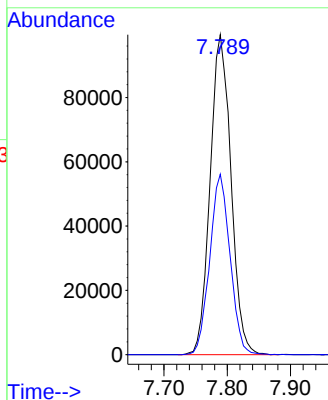
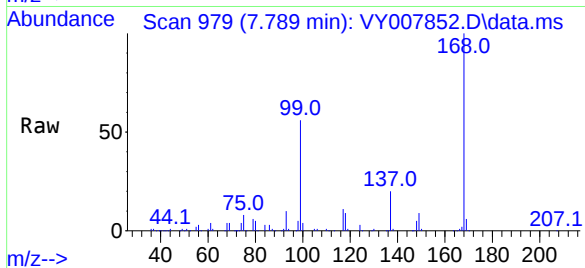




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

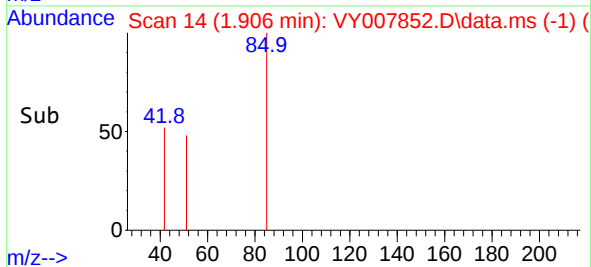
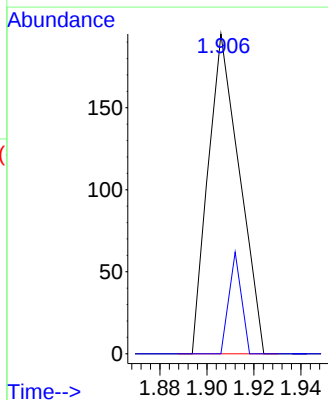
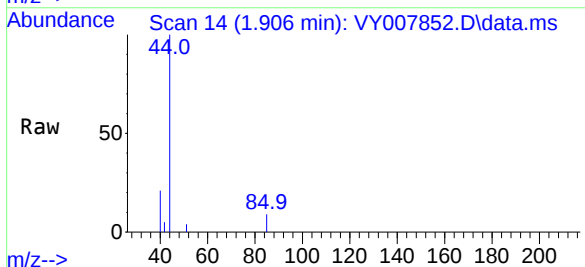
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-0-1-BD

Tgt Ion:168 Resp: 227526
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3

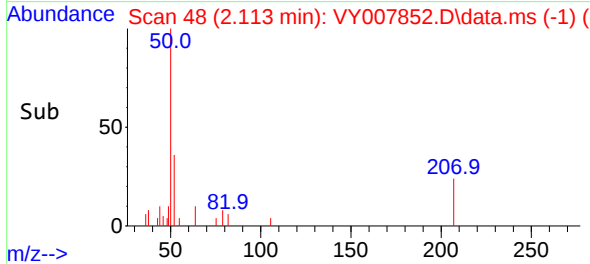
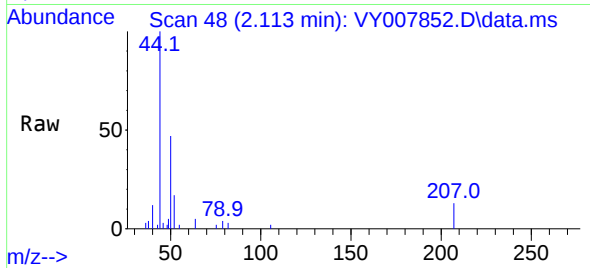
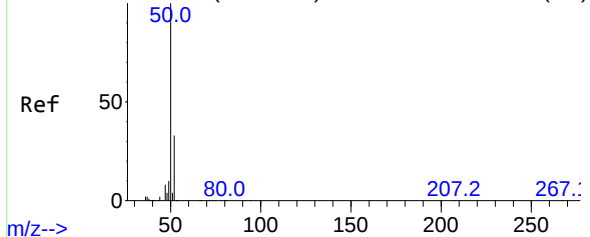


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion: 85 Resp: 181
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007852.D

Acq: 11 Mar 2022 14:16

Instrument :

MSVOA_Y

ClientSampleId :

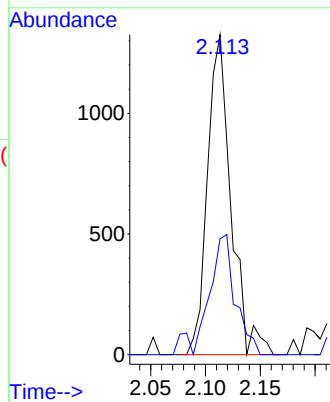
CG-B1-030722-0-1-BD

Tgt Ion: 50 Resp: 1971

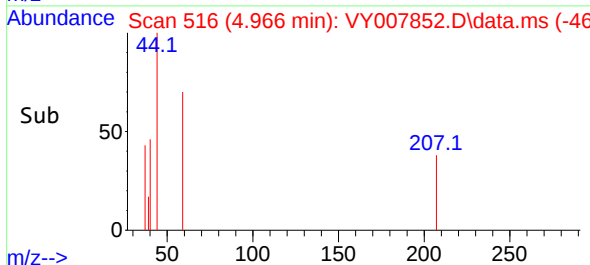
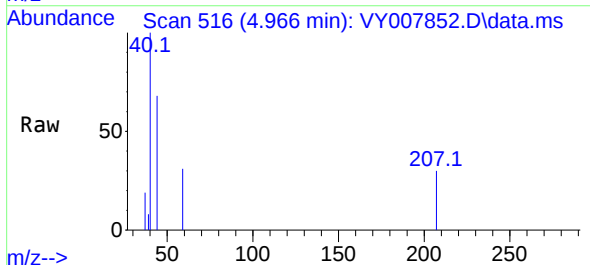
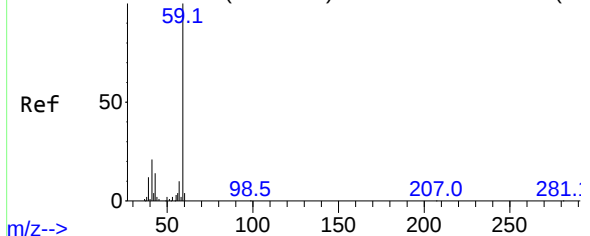
Ion Ratio Lower Upper

50 100

52 36.2 24.6 37.0



Abundance Scan 515 (4.960 min): VY007657.D\data.ms (-49)



#11

Tert butyl alcohol

Concen: 2.589 ug/l

RT: 4.966 min Scan# 516

Delta R.T. 0.006 min

Lab File: VY007852.D

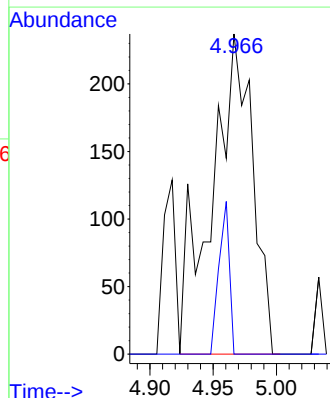
Acq: 11 Mar 2022 14:16

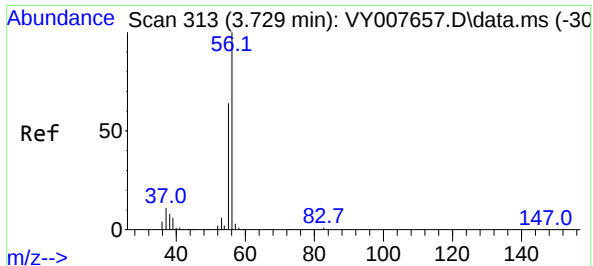
Tgt Ion: 59 Resp: 534

Ion Ratio Lower Upper

59 100

57 12.0 6.4 9.6#

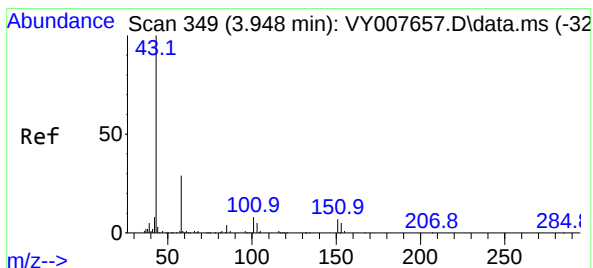
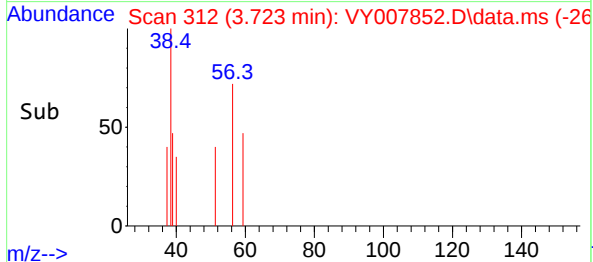
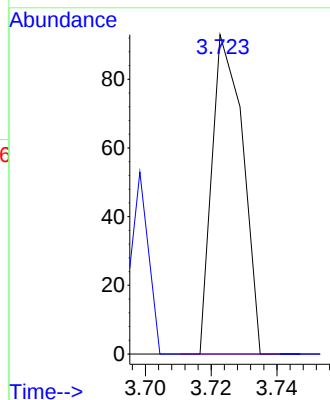
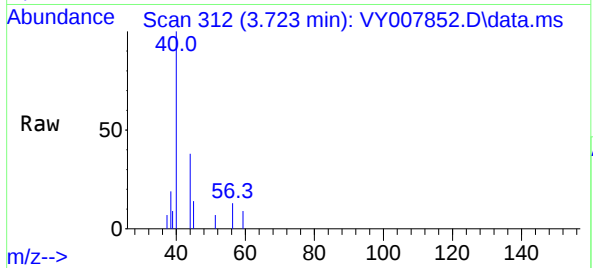




#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

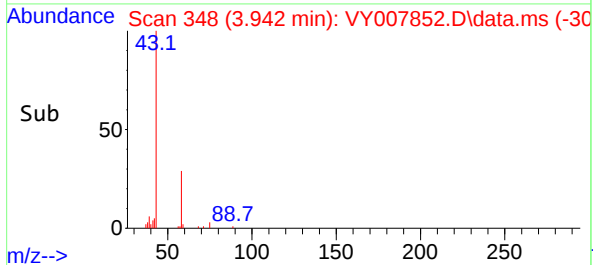
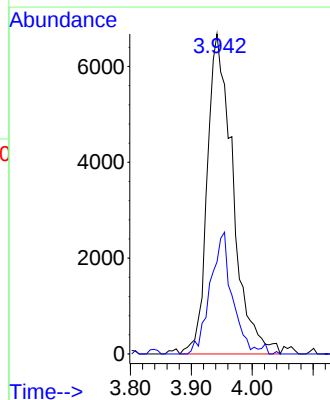
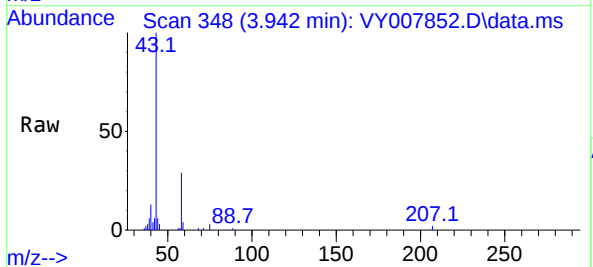
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-0-1-BD

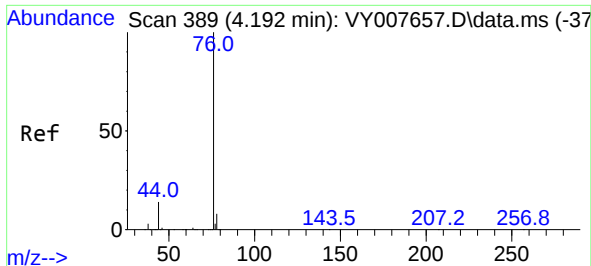
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 40.189 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion: 43 Resp: 19474
Ion Ratio Lower Upper
43 100
58 28.7 22.0 33.0

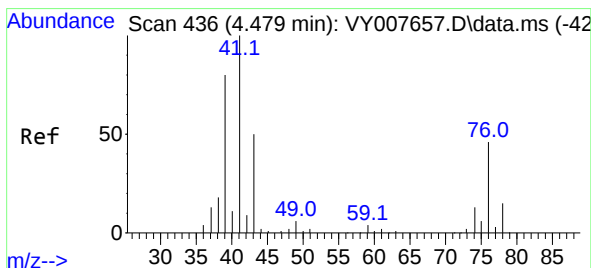
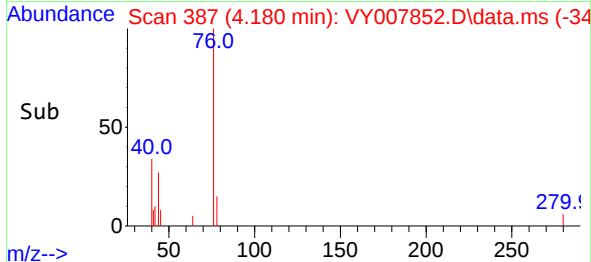
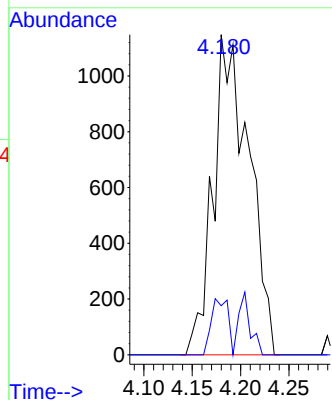
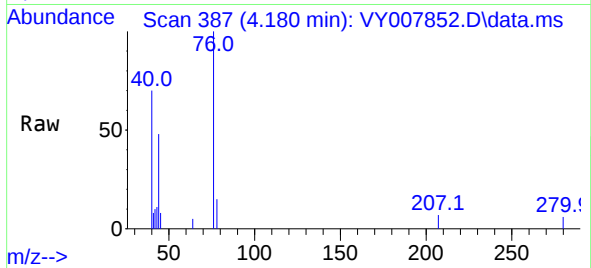




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

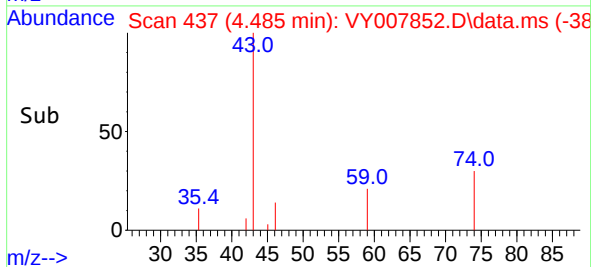
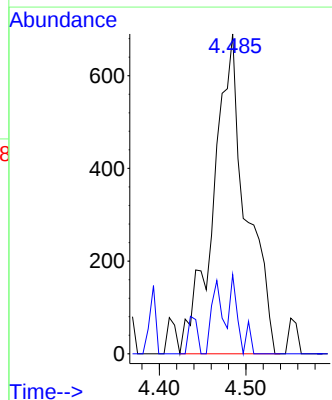
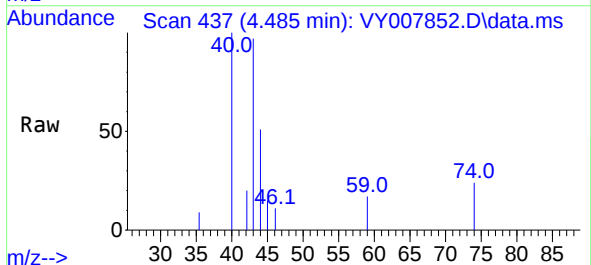
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-0-1-BD

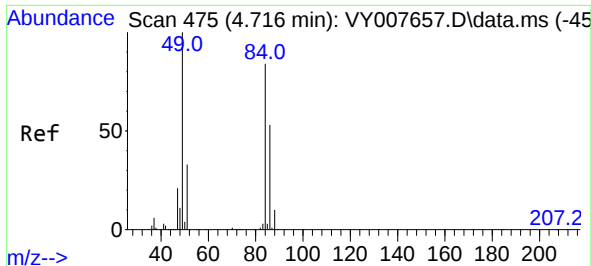
Tgt Ion: 76 Resp: 2954
Ion Ratio Lower Upper
76 100
78 15.3 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion: 43 Resp: 1815
Ion Ratio Lower Upper
43 100
74 7.9 16.6 24.8#



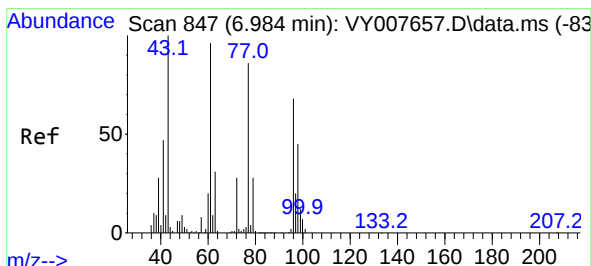
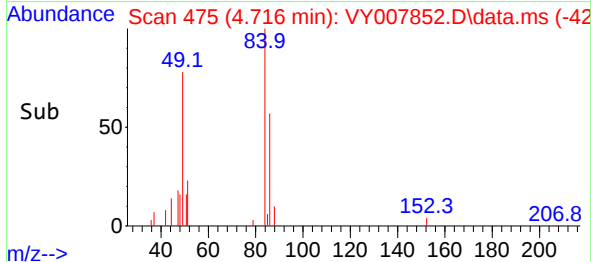
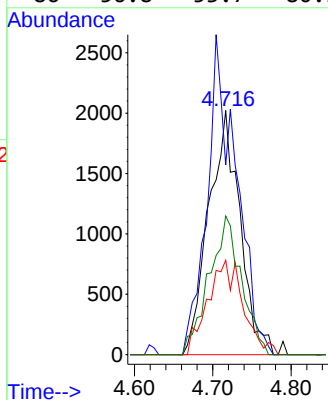
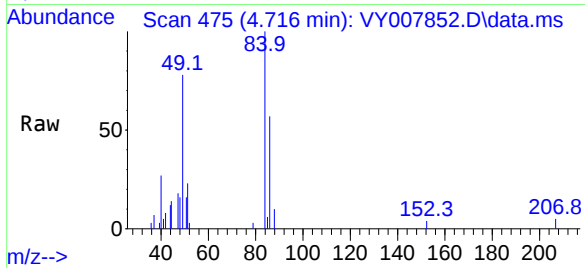


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-0-1-BD

Tgt Ion: 84 Resp: 5621

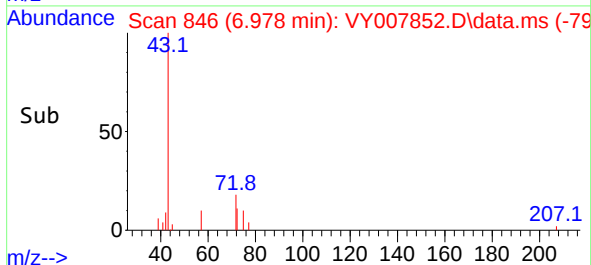
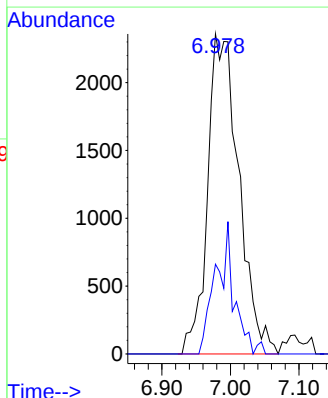
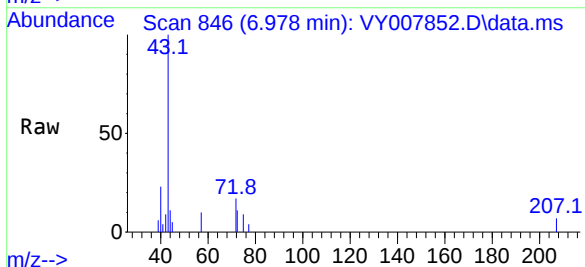
Ion	Ratio	Lower	Upper
84	100		
49	77.7	114.4	171.6#
51	38.6	35.3	52.9
86	56.8	53.7	80.5

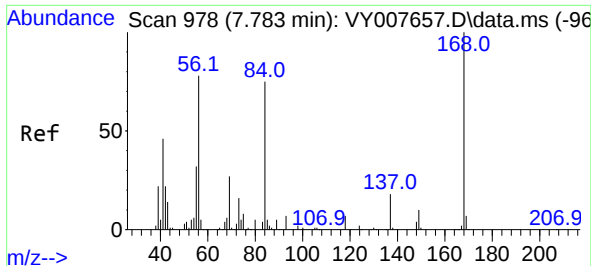


#25
2-Butanone
Concen: 9.190 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion: 43 Resp: 7470

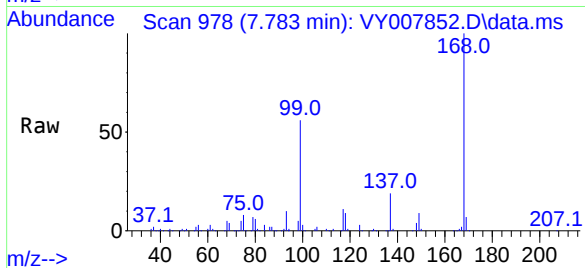
Ion	Ratio	Lower	Upper
43	100		
72	28.0	17.7	26.5#



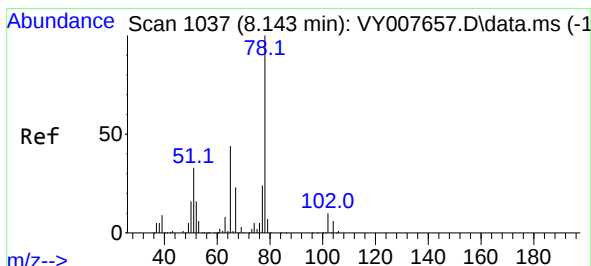
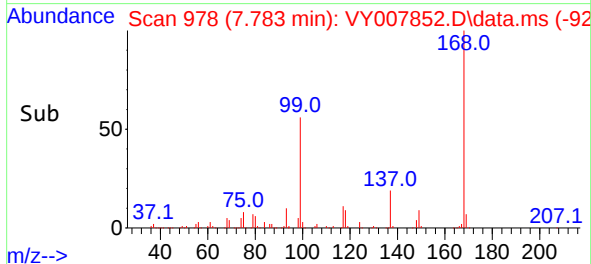
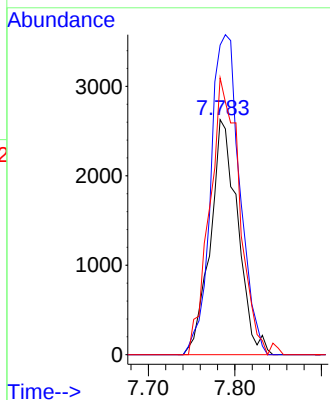


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-0-1-BD

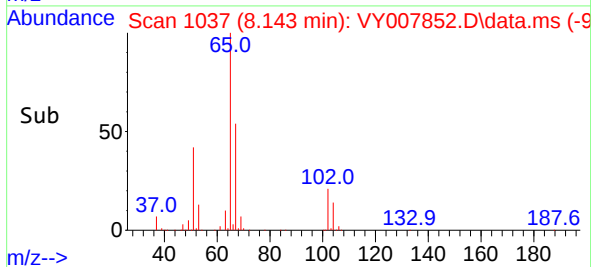
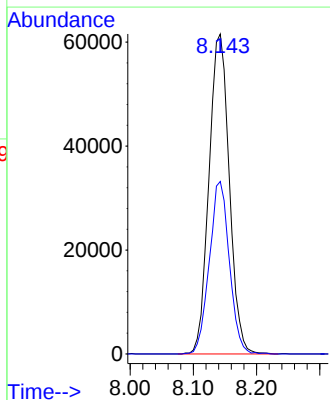
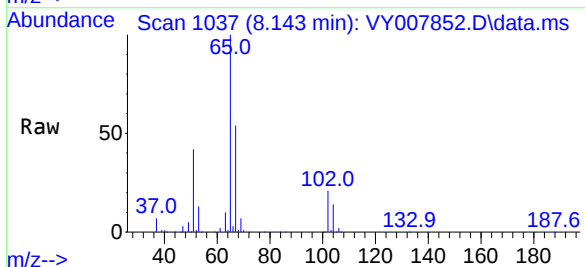


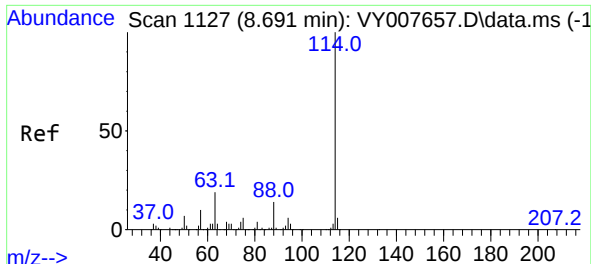
Tgt Ion: 56 Resp: 5762
Ion Ratio Lower Upper
56 100
69 131.7 26.7 40.1#
84 117.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.488 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion: 65 Resp: 136936
Ion Ratio Lower Upper
65 100
67 53.2 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: VY007852.D

Acq: 11 Mar 2022 14:16

Instrument :

MSVOA_Y

ClientSampleId :

CG-B1-030722-0-1-BD

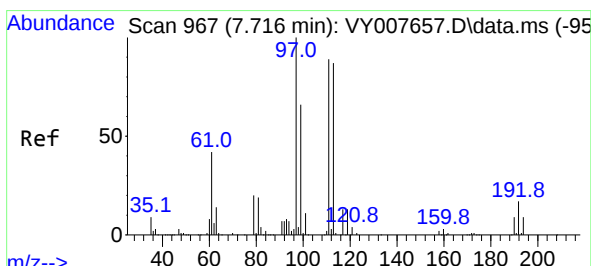
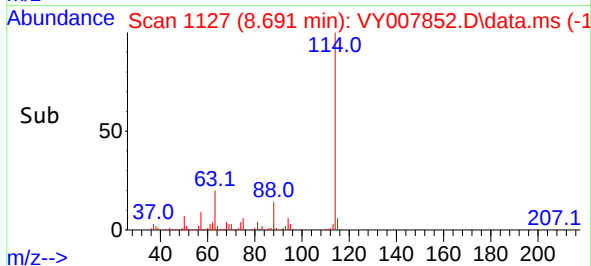
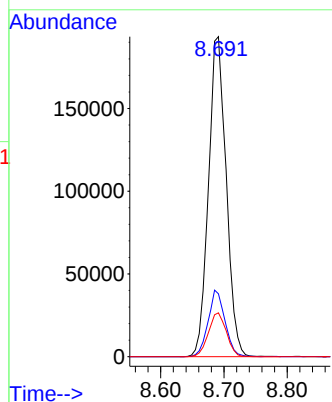
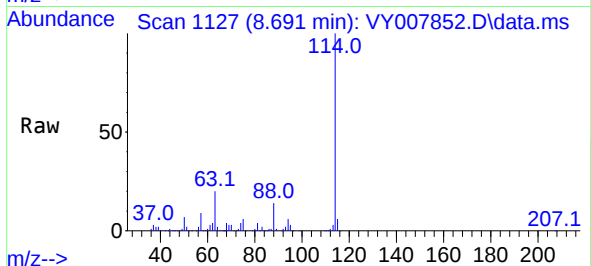
Tgt Ion:114 Resp: 376606

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.928 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007852.D

Acq: 11 Mar 2022 14:16

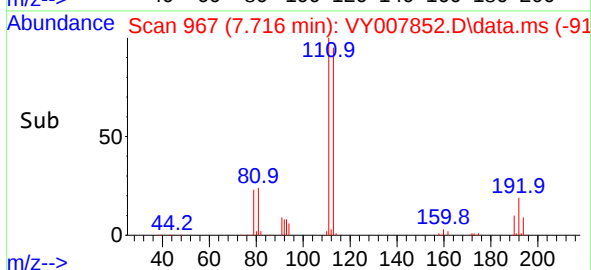
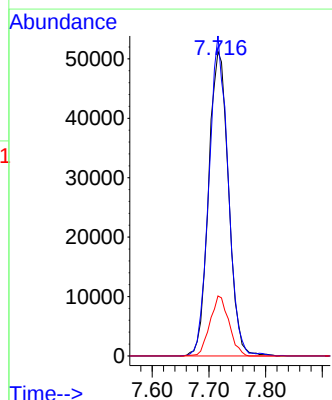
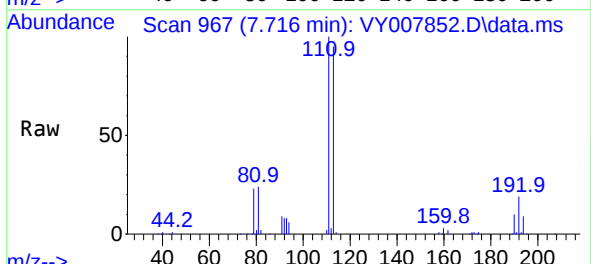
Tgt Ion:113 Resp: 125030

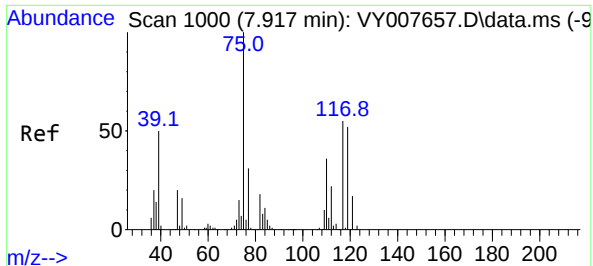
Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

192 18.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.868 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007852.D

Acq: 11 Mar 2022 14:16

Instrument :

MSVOA_Y

ClientSampleId :

CG-B1-030722-0-1-BD

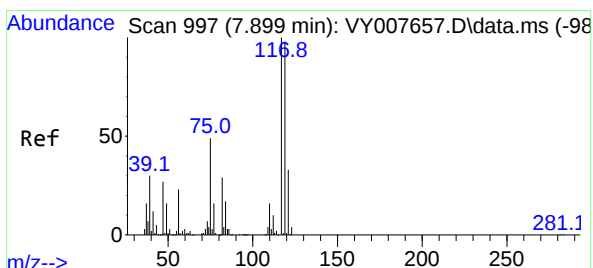
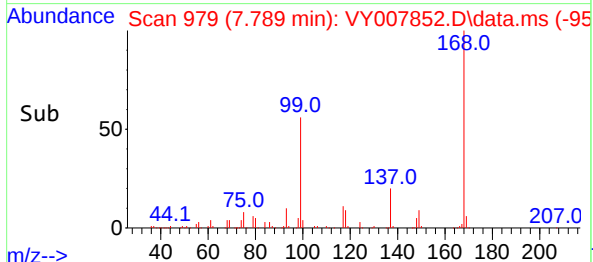
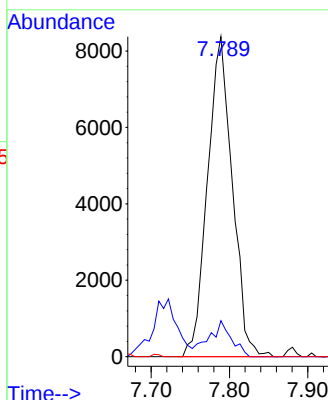
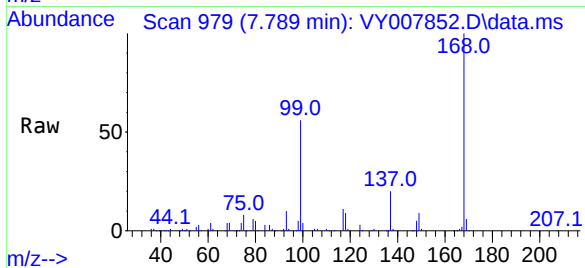
Tgt Ion: 75 Resp: 18439

Ion Ratio Lower Upper

75 100

110 10.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.904 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007852.D

Acq: 11 Mar 2022 14:16

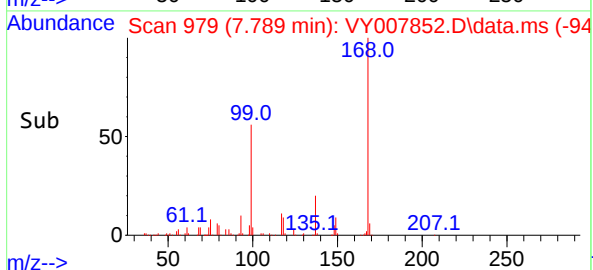
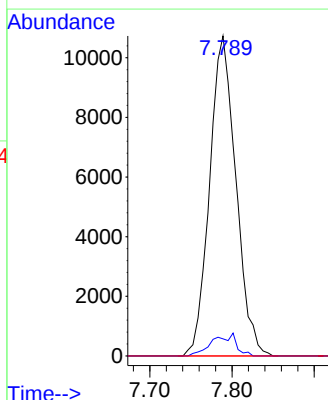
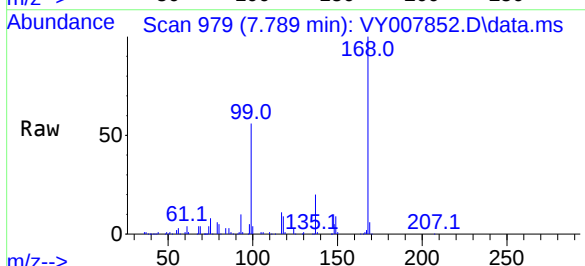
Tgt Ion: 117 Resp: 23856

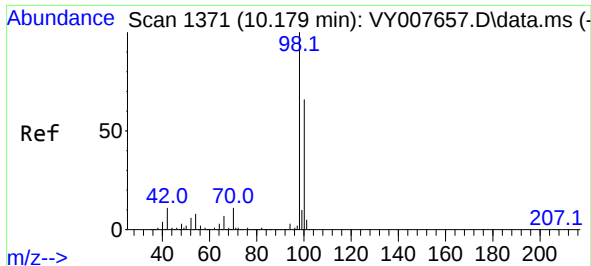
Ion Ratio Lower Upper

117 100

119 5.3 77.9 116.9#

121 0.0 24.8 37.2#

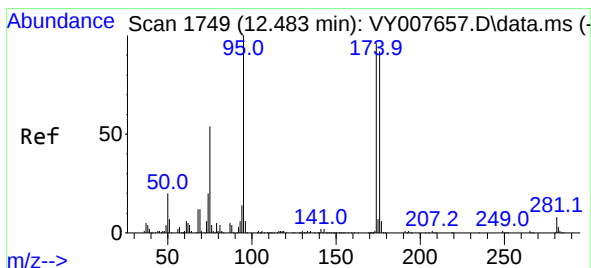
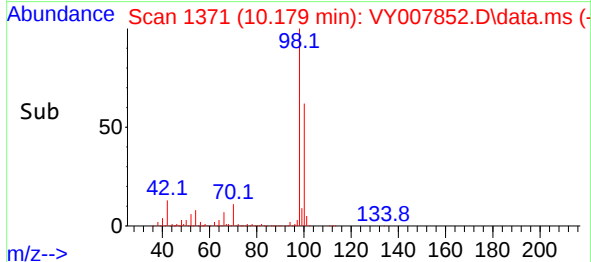
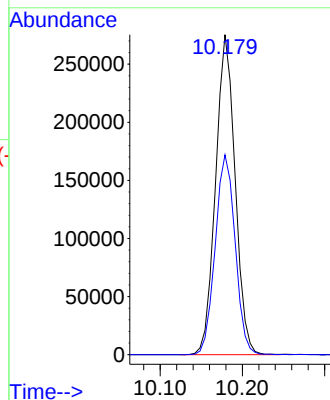
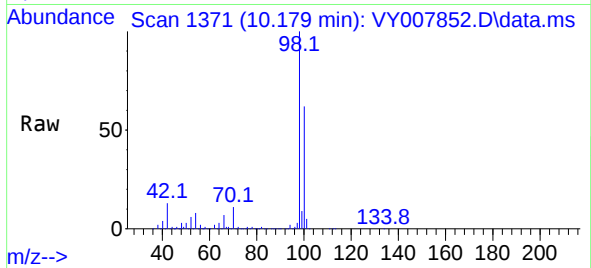




#50
Toluene-d8
Concen: 51.256 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

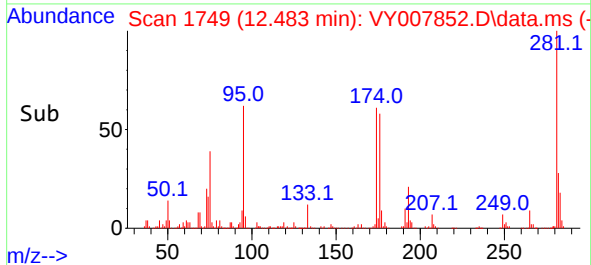
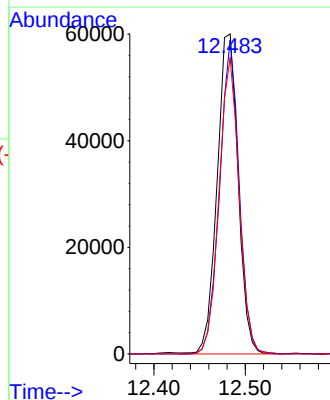
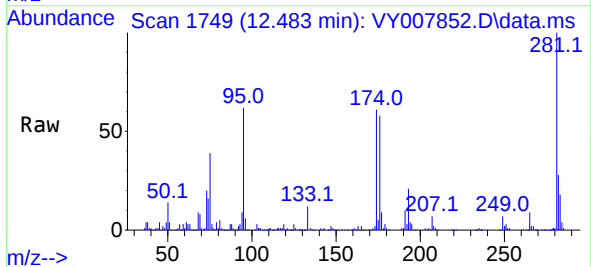
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-0-1-BD

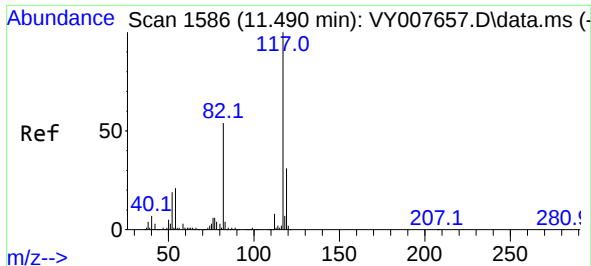
Tgt Ion: 98 Resp: 454288
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion: 95 Resp: 96016
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 87.7 0.0 175.8

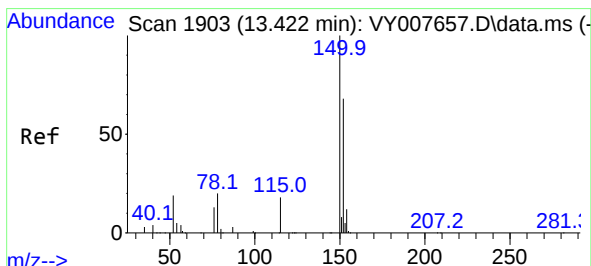
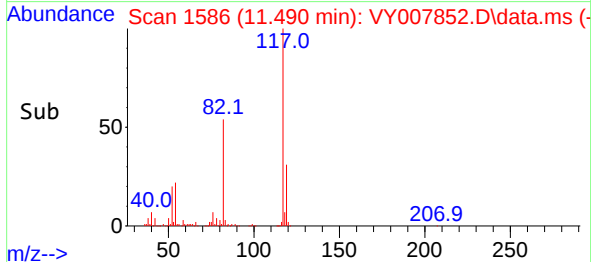
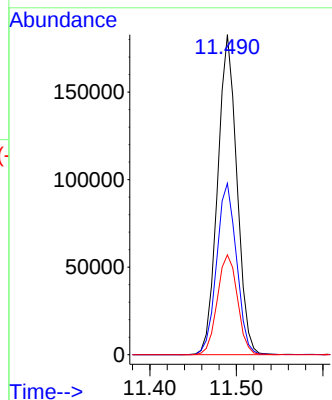
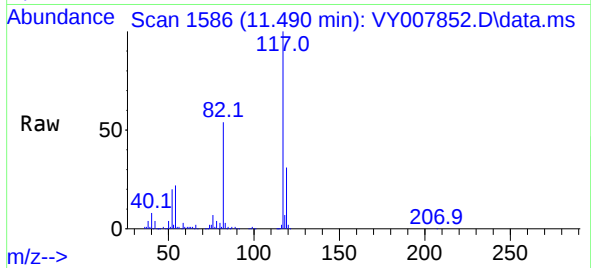




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

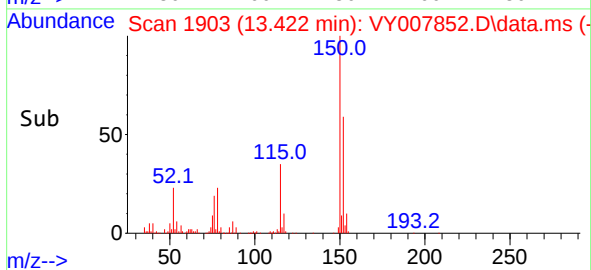
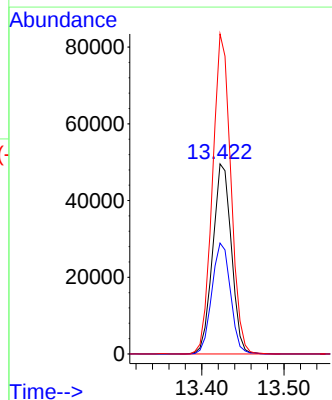
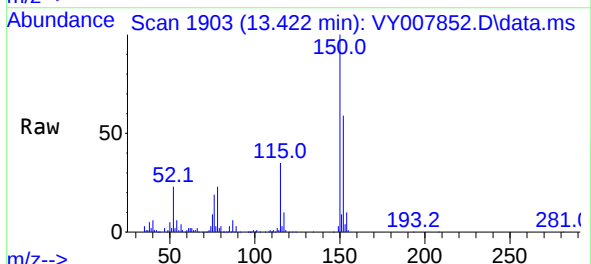
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-0-1-BD

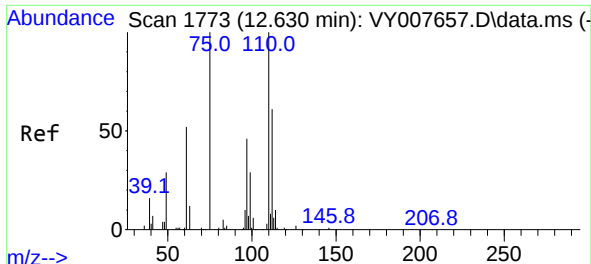
Tgt Ion:	117	Resp:	282588
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.0	64.4
119	31.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion:	152	Resp:	78174
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.7
150	165.2	0.0	347.6

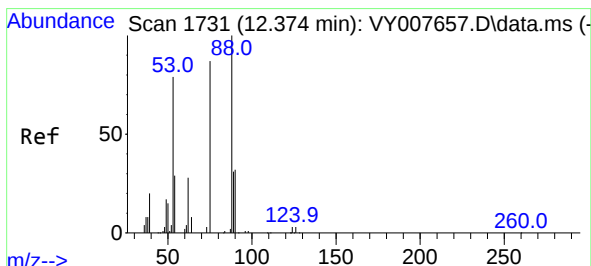
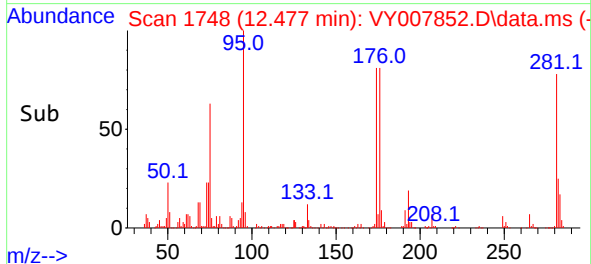
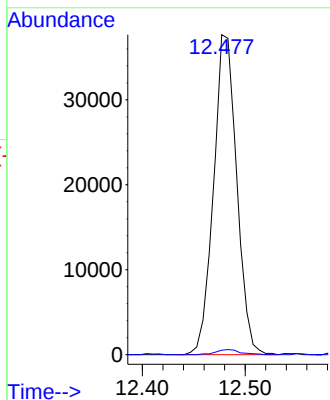
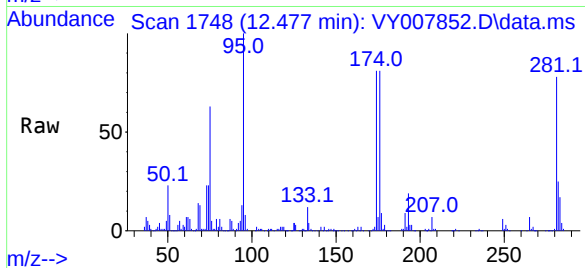




#76
1,2,3-Trichloropropane
Concen: 67.702 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-0-1-BD

Tgt Ion: 75 Resp: 59105
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.408 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion: 75 Resp: 59105
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

