

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008892.D
 Acq On : 20 May 2022 01:51
 Operator : KP/MD
 Sample : N2907-01
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GC-1

Quant Time: May 20 02:57:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

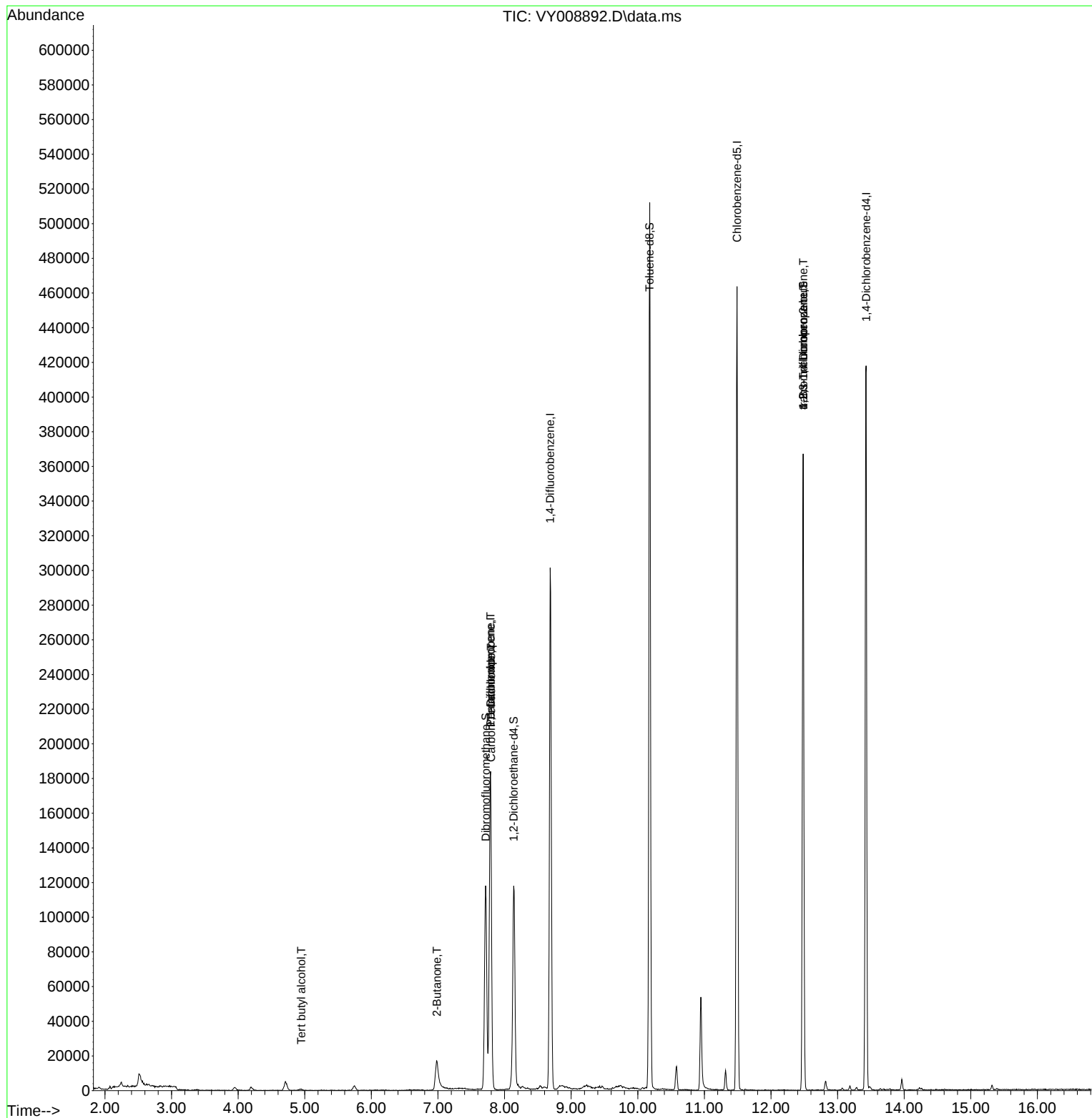
Internal Standards						
1) Pentafluorobenzene	7.789	168	140838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	241250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	86034	65.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.700%	
35) Dibromofluoromethane	7.716	113	80112	54.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.179	98	318152	48.638	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.280%	
62) 4-Bromofluorobenzene	12.483	95	93825	40.806	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.620%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	781	Below Cal		91
3) Chloromethane	2.107	50	195	Below Cal	#	44
4) Vinyl Chloride	2.241	62	27	Below Cal	#	43
5) Bromomethane	2.638	94	121	Below Cal	#	4
6) Chloroethane	2.552	64	23	Below Cal	#	43
7) Trichlorofluoromethane	3.119	101	24	Below Cal	#	1
11) Tert butyl alcohol	4.948	59	1021	7.071 ug/l	#	77
16) Acetone	3.948	43	3164	Below Cal		97
18) Methyl Acetate	4.253	43	48	Below Cal	#	56
20) Methylene Chloride	4.716	84	3680	Below Cal	#	84
25) 2-Butanone	6.984	43	957	1.745 ug/l	#	54
31) Cyclohexane	7.783	56	3498	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	12026	5.093 ug/l	#	51
38) Carbon Tetrachloride	7.795	117	14363	5.675 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	53783	44.970 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53783	98.362 ug/l	#	7

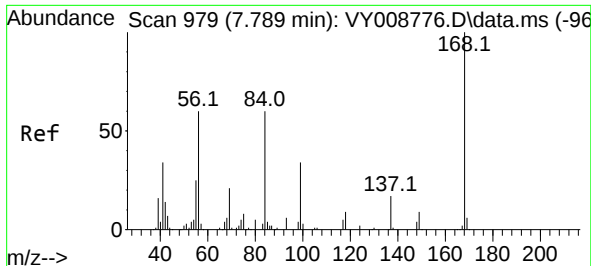
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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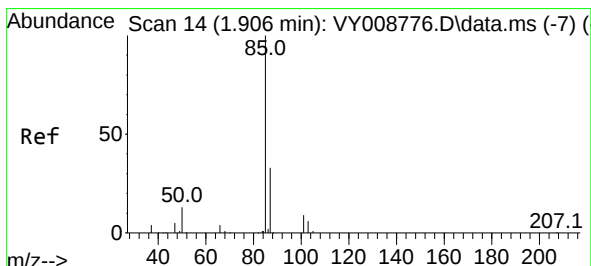
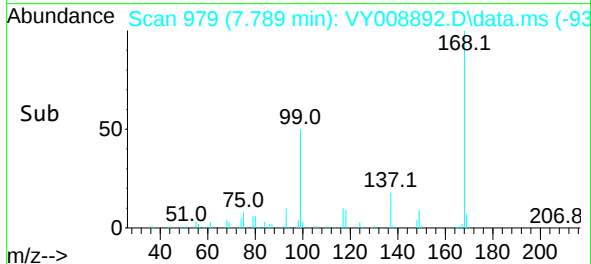
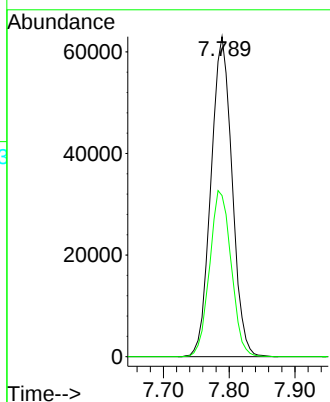
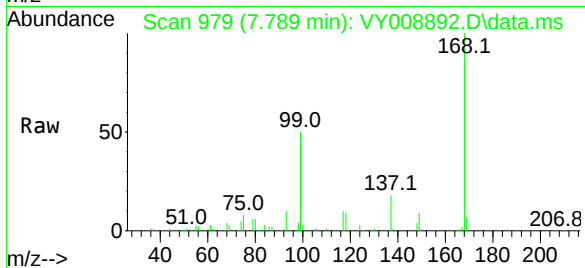




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

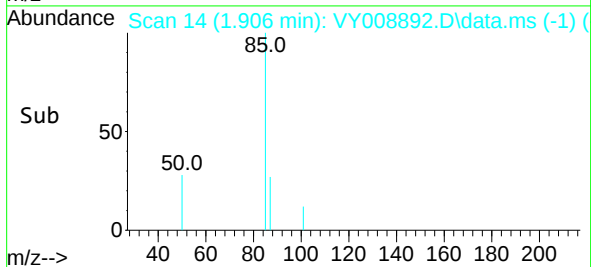
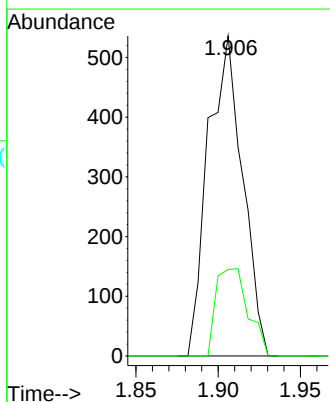
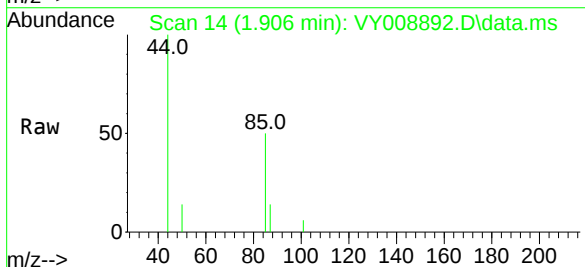
Instrument :
MSVOA_Y
ClientSampleId :
GC-1

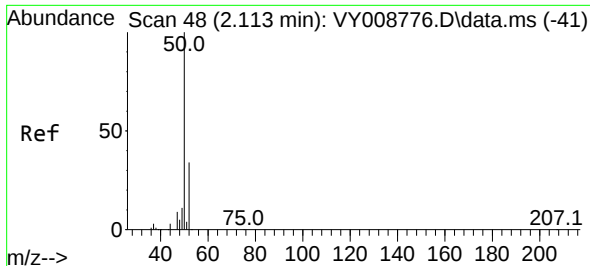
Tgt Ion:168 Resp: 140838
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Tgt Ion: 85 Resp: 781
Ion Ratio Lower Upper
85 100
87 27.1 16.1 48.2

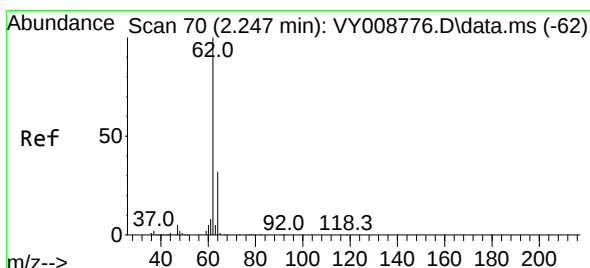
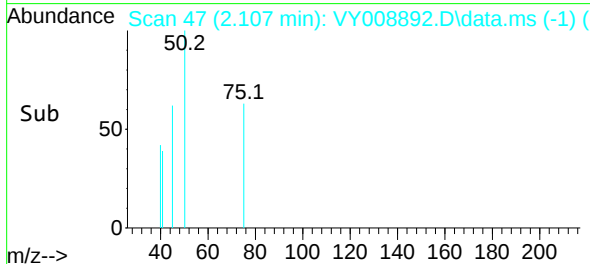
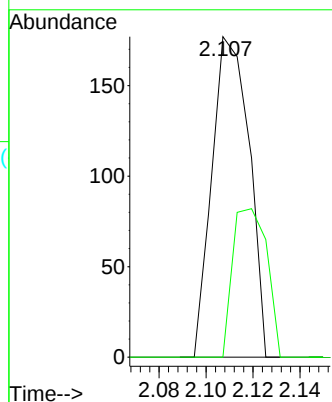
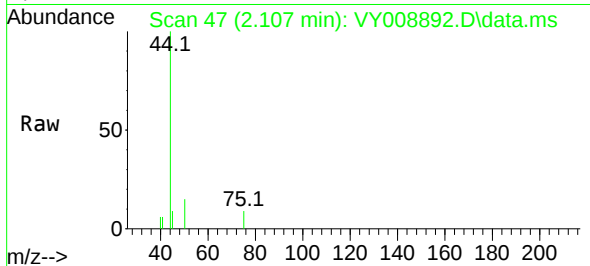




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

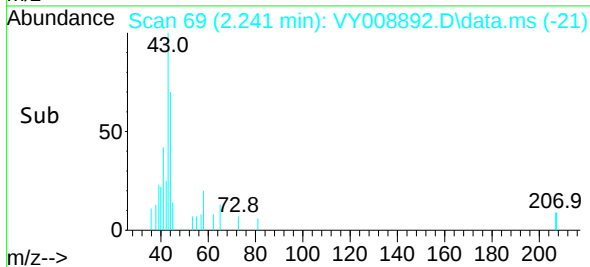
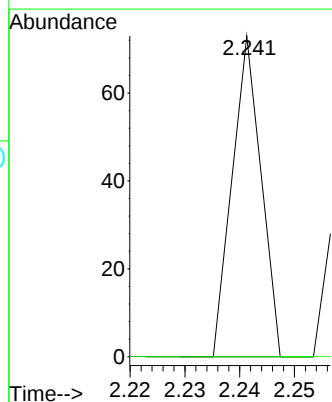
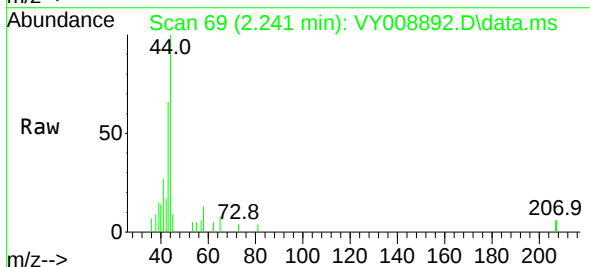
Instrument :
MSVOA_Y
ClientSampleId :
GC-1

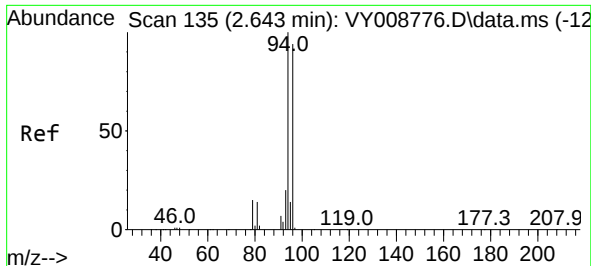
Tgt Ion: 50 Resp: 195
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Tgt Ion: 62 Resp: 27
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

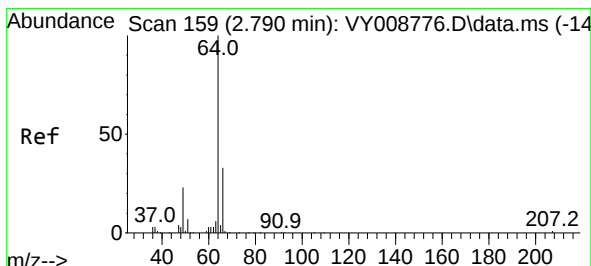
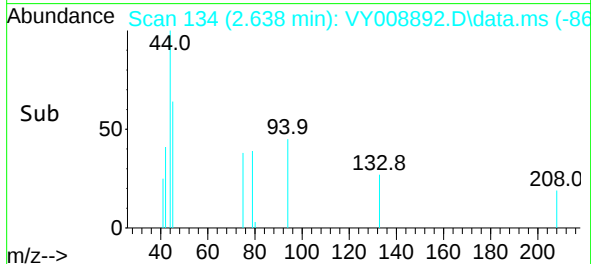
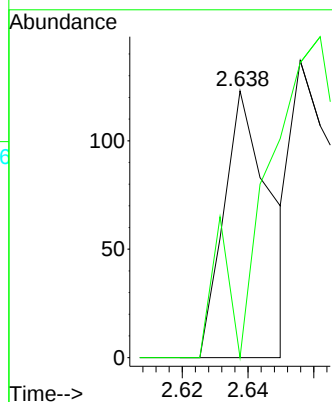
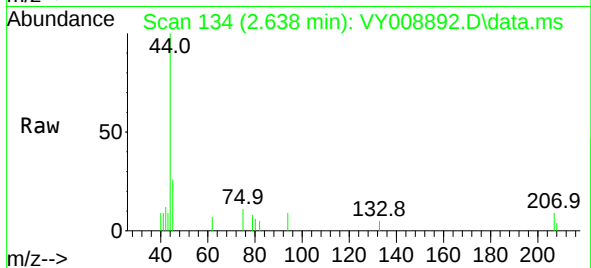




#5
Bromomethane
Concen: Below Cal
RT: 2.638 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

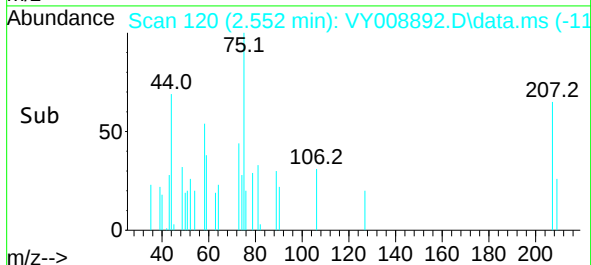
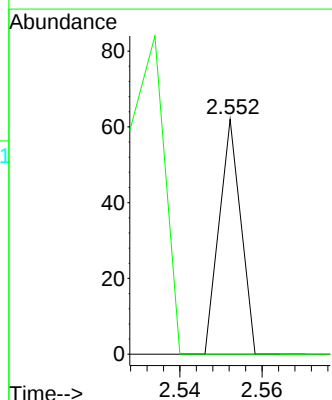
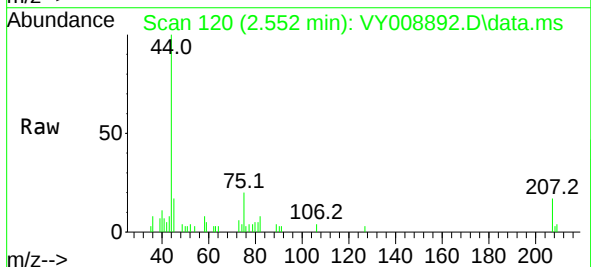
Instrument :
MSVOA_Y
ClientSampleId :
GC-1

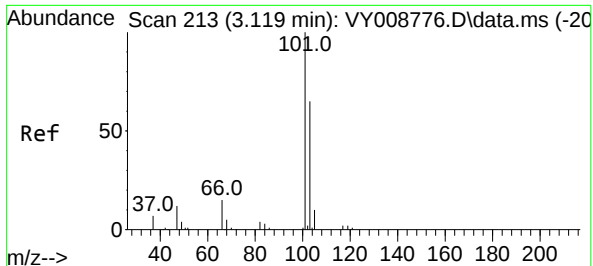
Tgt Ion: 94 Resp: 121
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.552 min Scan# 120
Delta R.T. -0.238 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

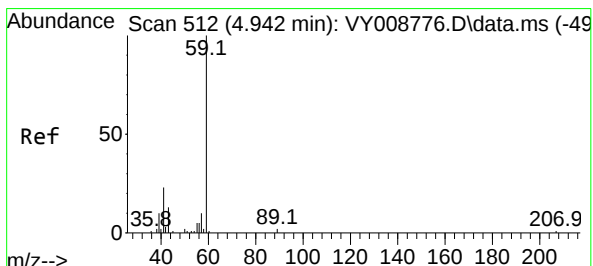
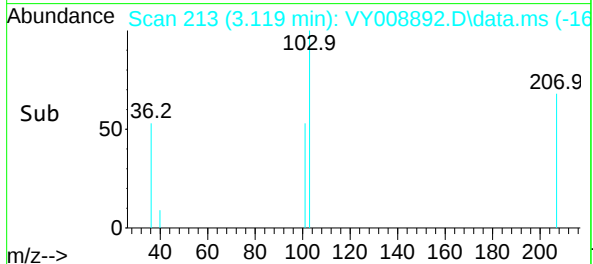
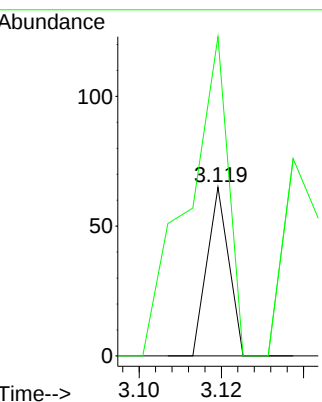
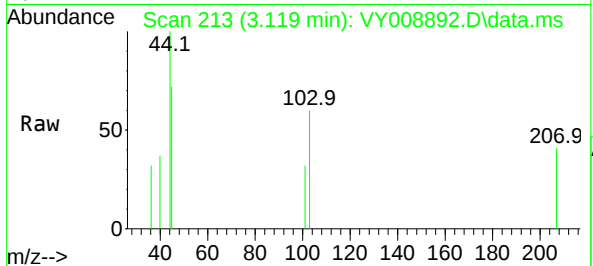




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

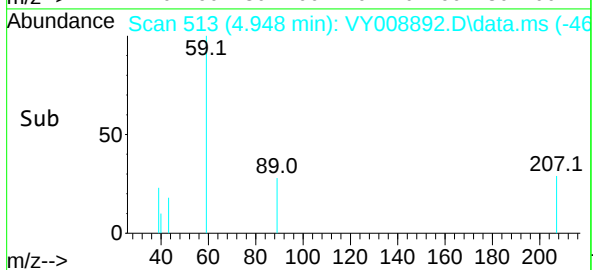
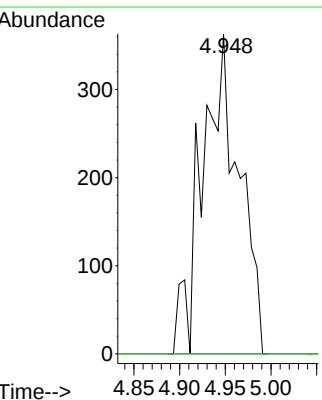
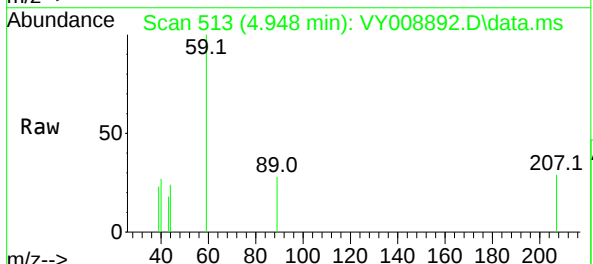
Instrument :
MSVOA_Y
ClientSampleId :
GC-1

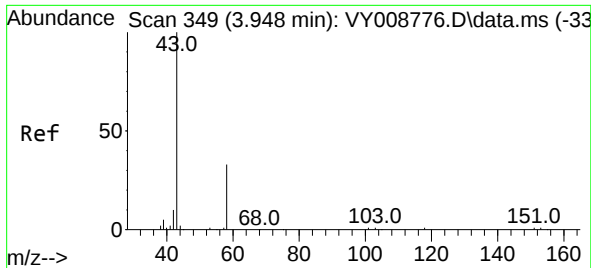
Tgt Ion:101 Resp: 24
Ion Ratio Lower Upper
101 100
103 189.2 48.0 72.0#



#11
Tert butyl alcohol
Concen: 7.071 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Tgt Ion: 59 Resp: 1021
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

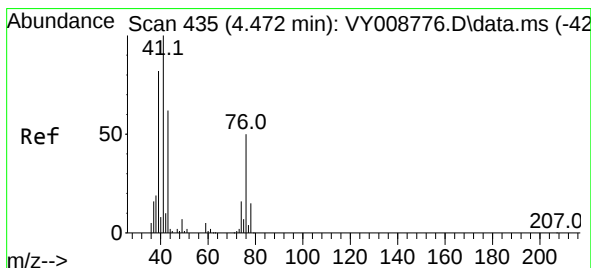
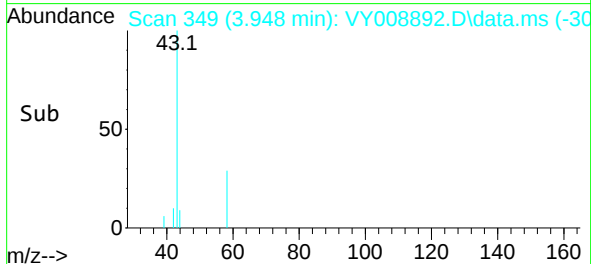
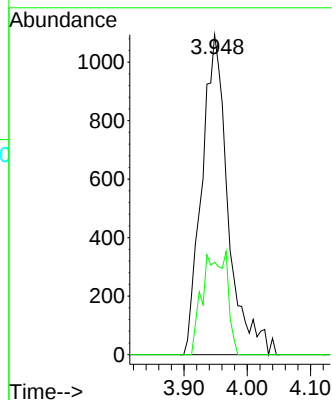
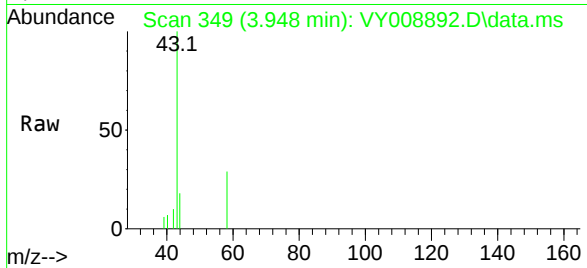




#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

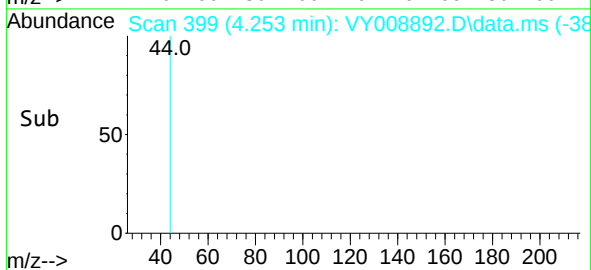
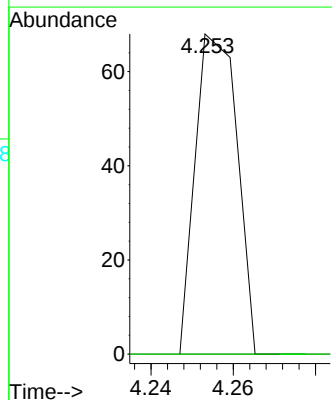
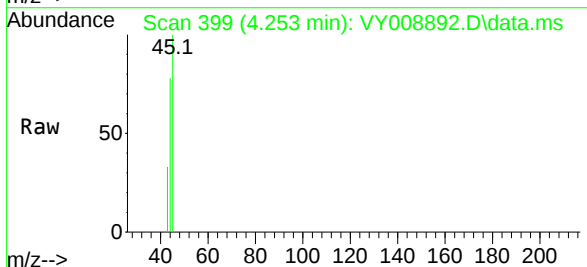
Instrument :
MSVOA_Y
ClientSampleId :
GC-1

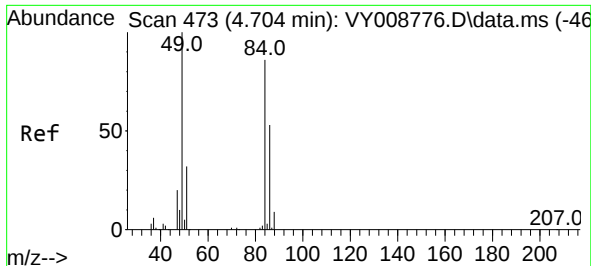
Tgt Ion: 43 Resp: 3164
Ion Ratio Lower Upper
43 100
58 28.9 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.253 min Scan# 399
Delta R.T. -0.219 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

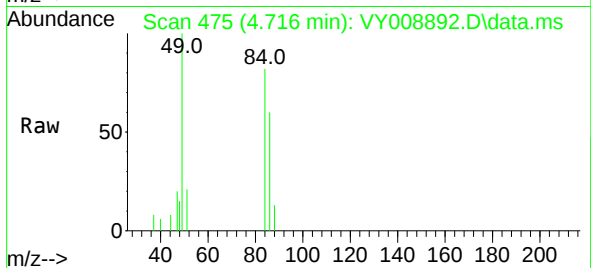
Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



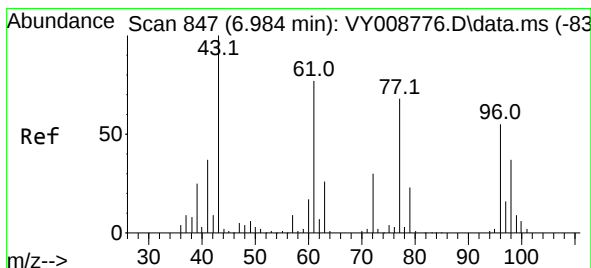
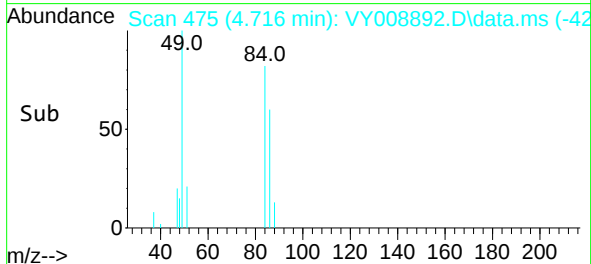
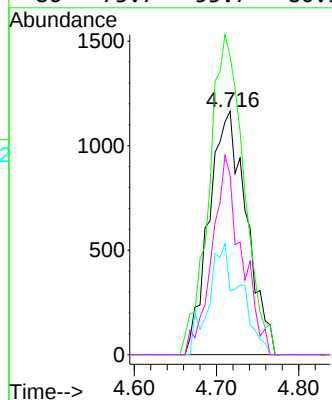


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Instrument :
MSVOA_Y
ClientSampleId :
GC-1

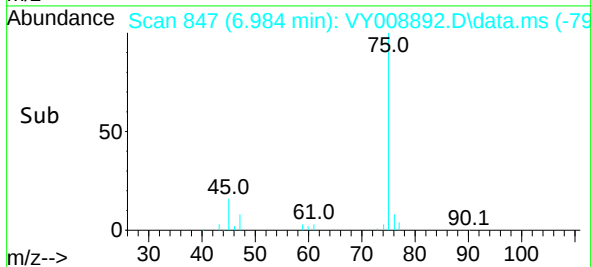
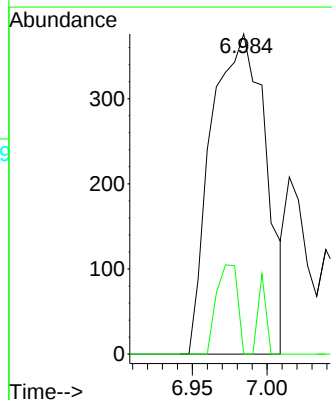
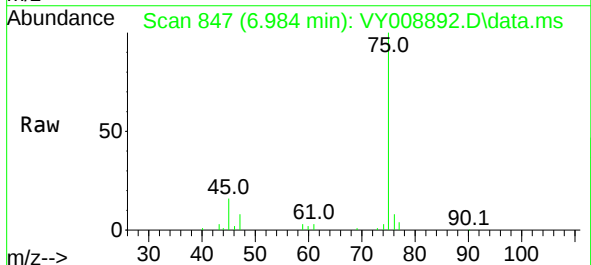


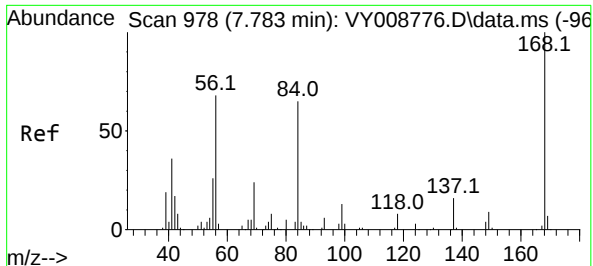
Tgt Ion: 84 Resp: 3680
Ion Ratio Lower Upper
84 100
49 122.4 114.4 171.6
51 26.2 35.3 52.9#
86 73.7 53.7 80.5



#25
2-Butanone
Concen: 1.745 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Tgt Ion: 43 Resp: 957
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

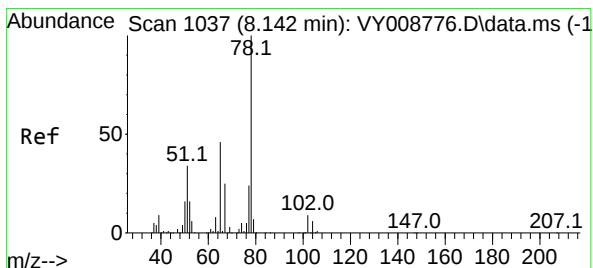
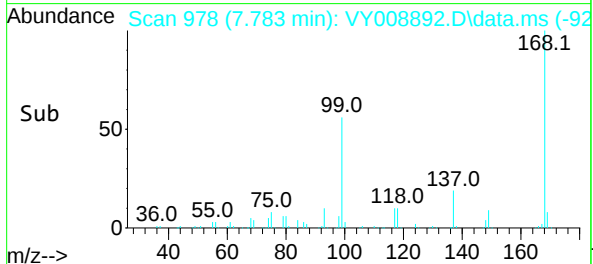
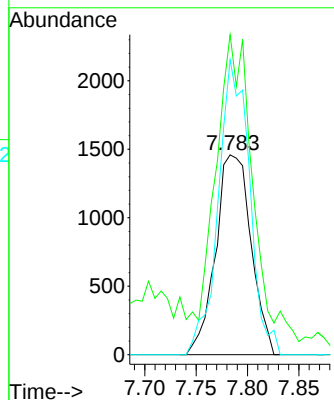
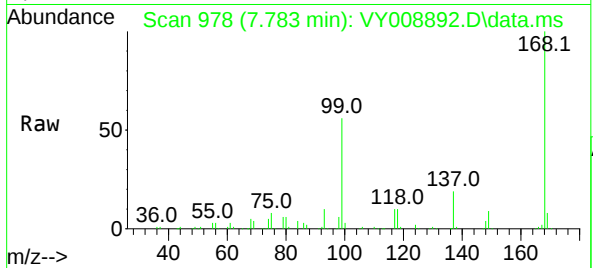




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

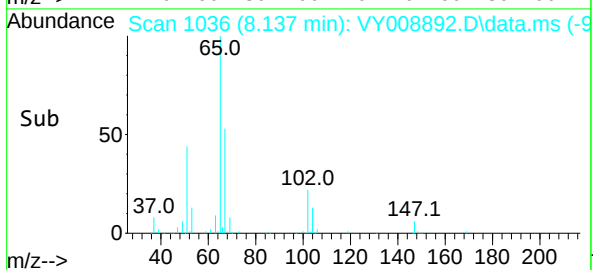
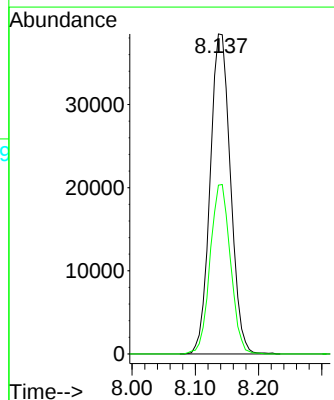
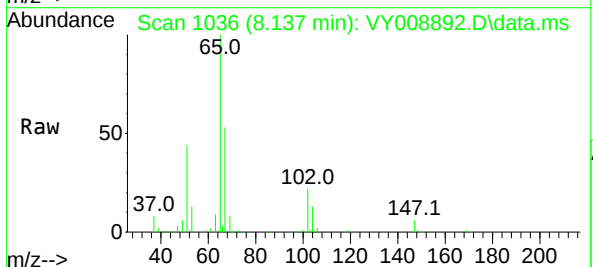
Instrument :
MSVOA_Y
ClientSampleId :
GC-1

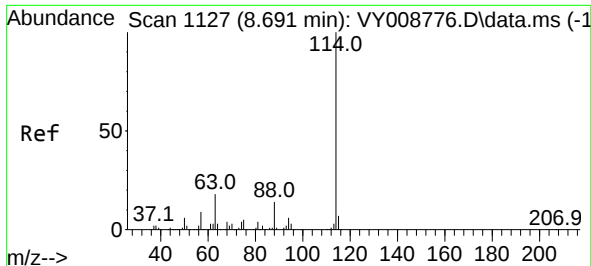
Tgt Ion: 56 Resp: 3498
Ion Ratio Lower Upper
56 100
69 138.3 26.7 40.1#
84 147.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.848 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Tgt Ion: 65 Resp: 86034
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008892.D

Acq: 20 May 2022 01:51

Instrument :

MSVOA_Y

ClientSampleId :

GC-1

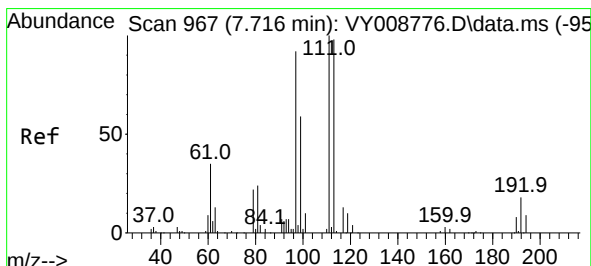
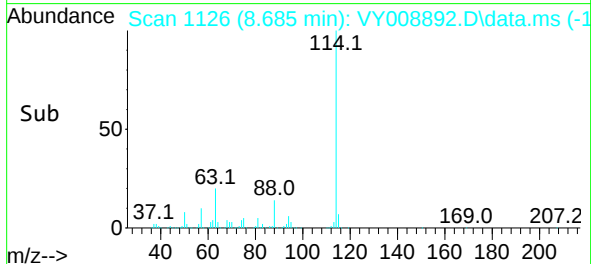
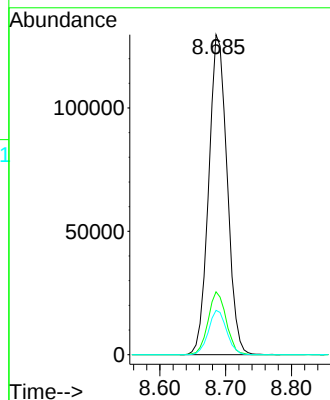
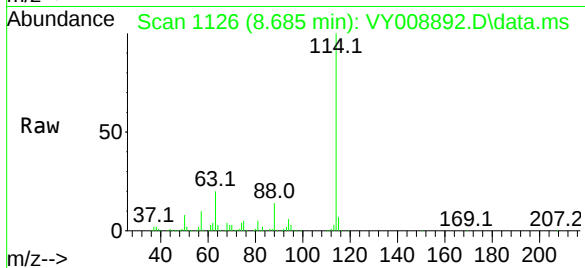
Tgt Ion:114 Resp: 252344

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.336 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008892.D

Acq: 20 May 2022 01:51

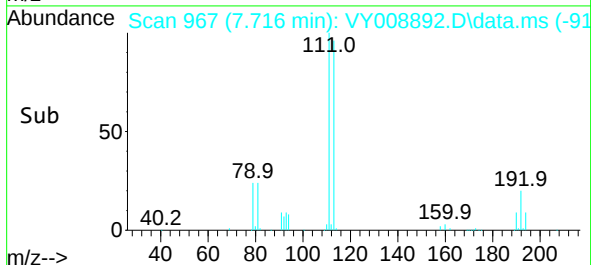
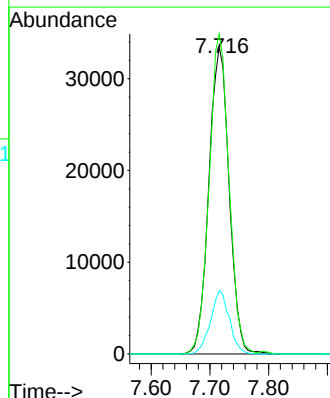
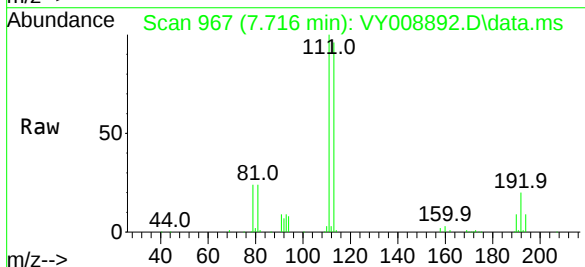
Tgt Ion:113 Resp: 80112

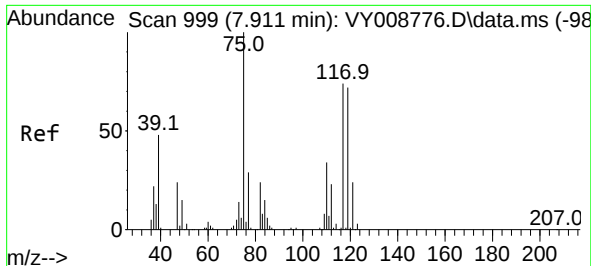
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 19.2 17.6 26.4

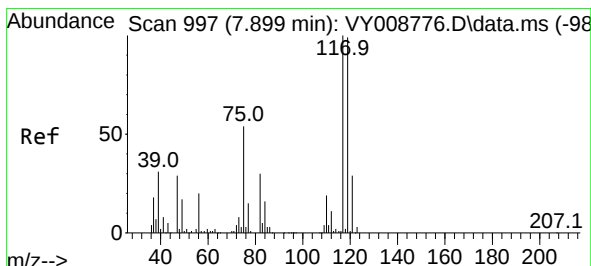
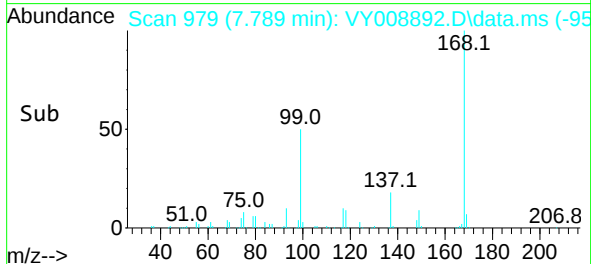
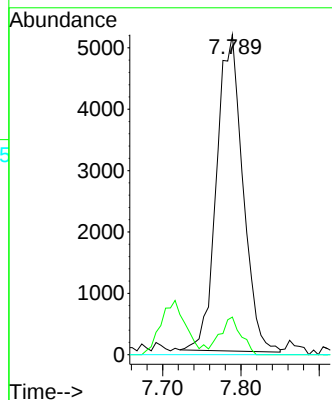
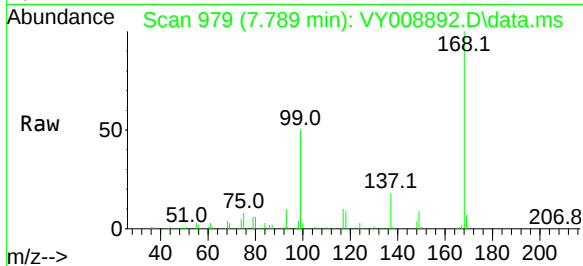




#36
1,1-Dichloropropene
Concen: 5.093 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

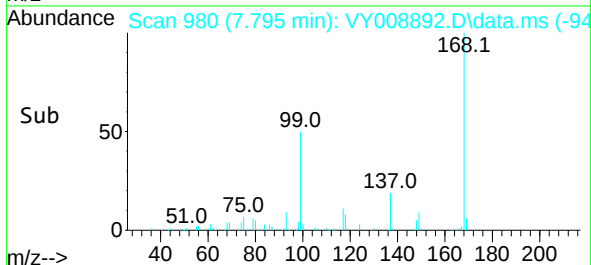
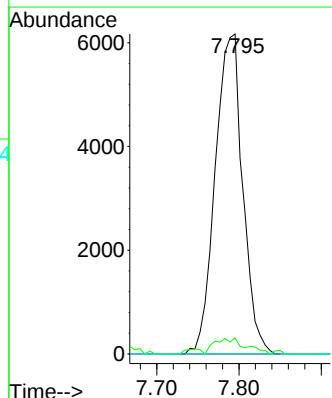
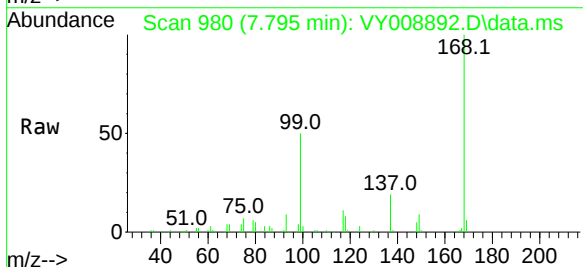
Instrument :
MSVOA_Y
ClientSampleId :
GC-1

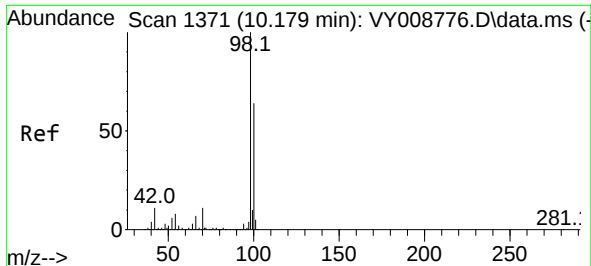
Tgt Ion: 75 Resp: 12026
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.675 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.103 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Tgt Ion: 117 Resp: 14363
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

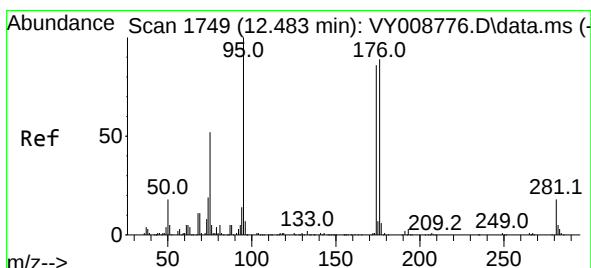
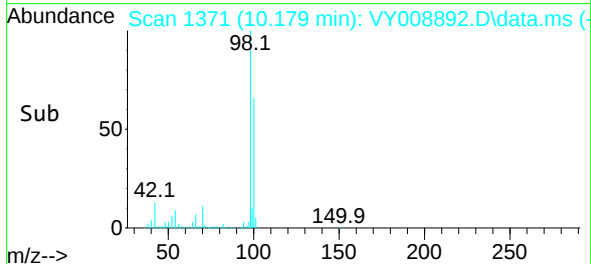
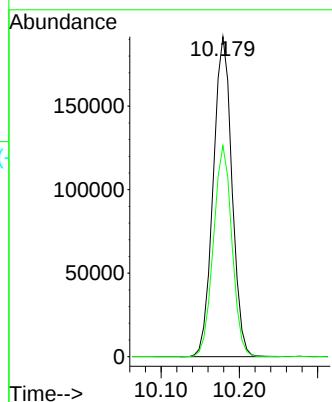
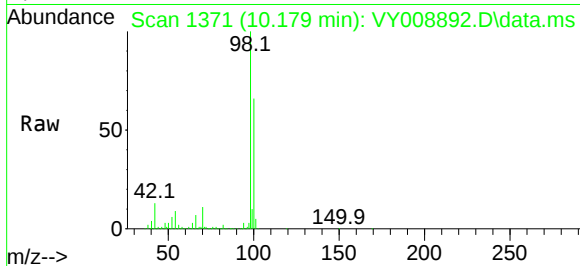




#50
Toluene-d8
Concen: 48.638 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

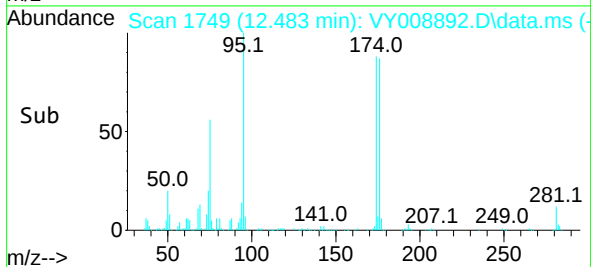
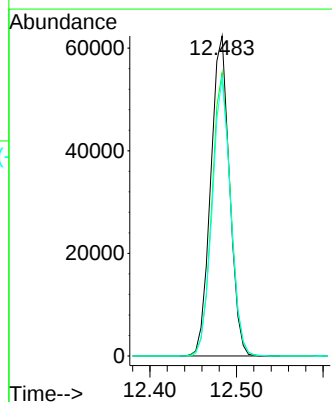
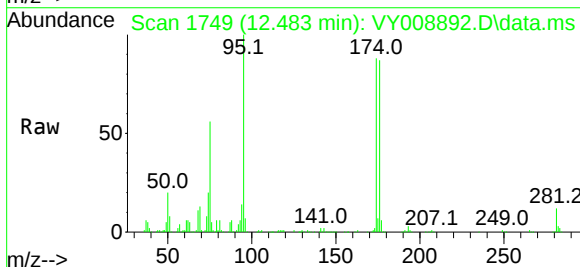
Instrument :
MSVOA_Y
ClientSampleId :
GC-1

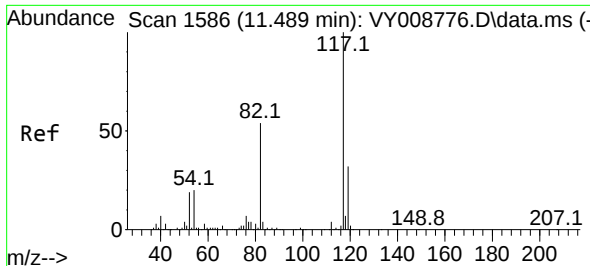
Tgt Ion: 98 Resp: 318152
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Tgt Ion: 95 Resp: 93825
Ion Ratio Lower Upper
95 100
174 88.5 0.0 177.0
176 85.6 0.0 175.8

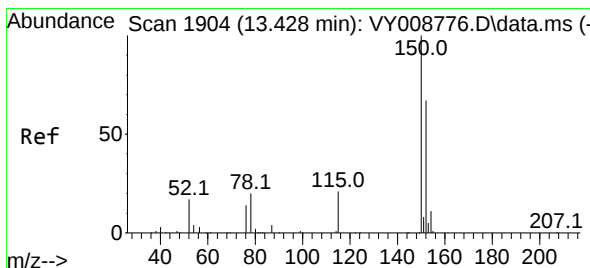
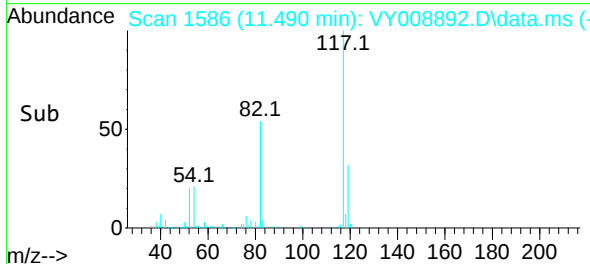
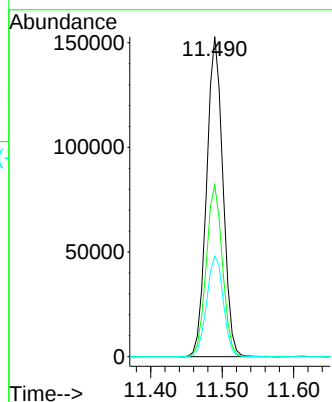
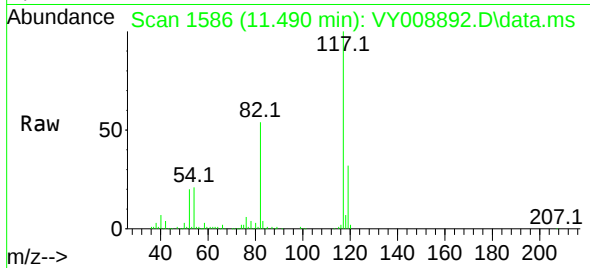




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

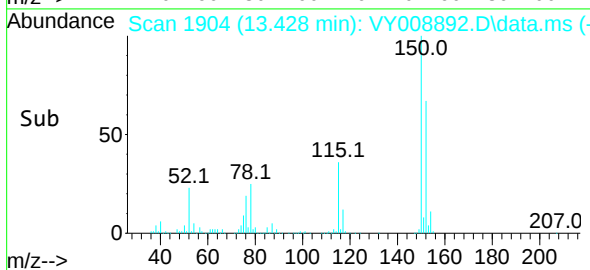
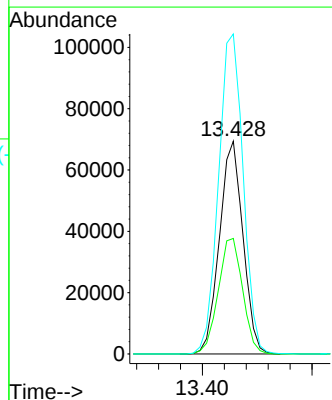
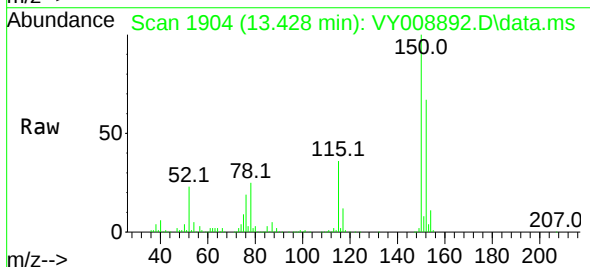
Instrument :
MSVOA_Y
ClientSampleId :
GC-1

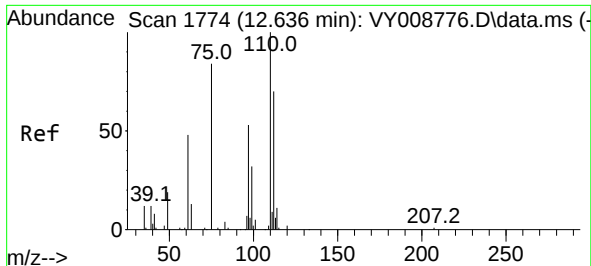
Tgt Ion:117 Resp: 241250
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Tgt Ion:152 Resp: 103535
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 157.3 0.0 347.6

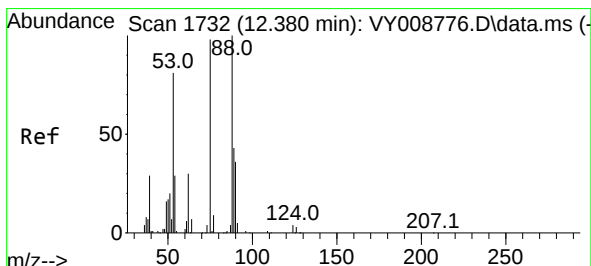
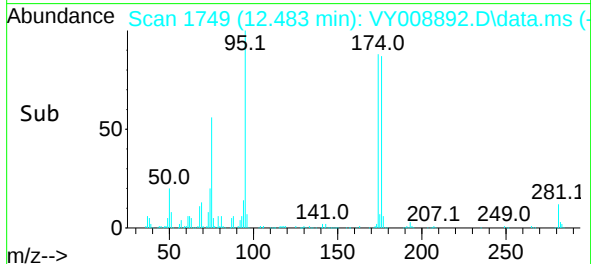
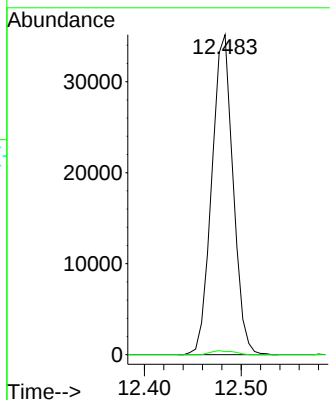
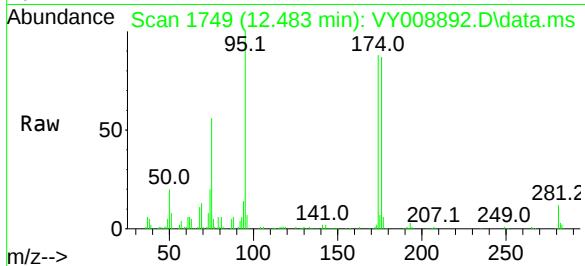




#76
1,2,3-Trichloropropane
Concen: 44.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Instrument :
MSVOA_Y
ClientSampleId :
GC-1

Tgt Ion: 75 Resp: 53783
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.362 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008892.D
Acq: 20 May 2022 01:51

Tgt Ion: 75 Resp: 53783
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

