

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007983.D
 Acq On : 22 Mar 2022 03:50
 Operator : SY/MD
 Sample : N2031-01
 Misc : 7.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMP-B1-031822-0-2

Quant Time: Mar 22 06:56:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

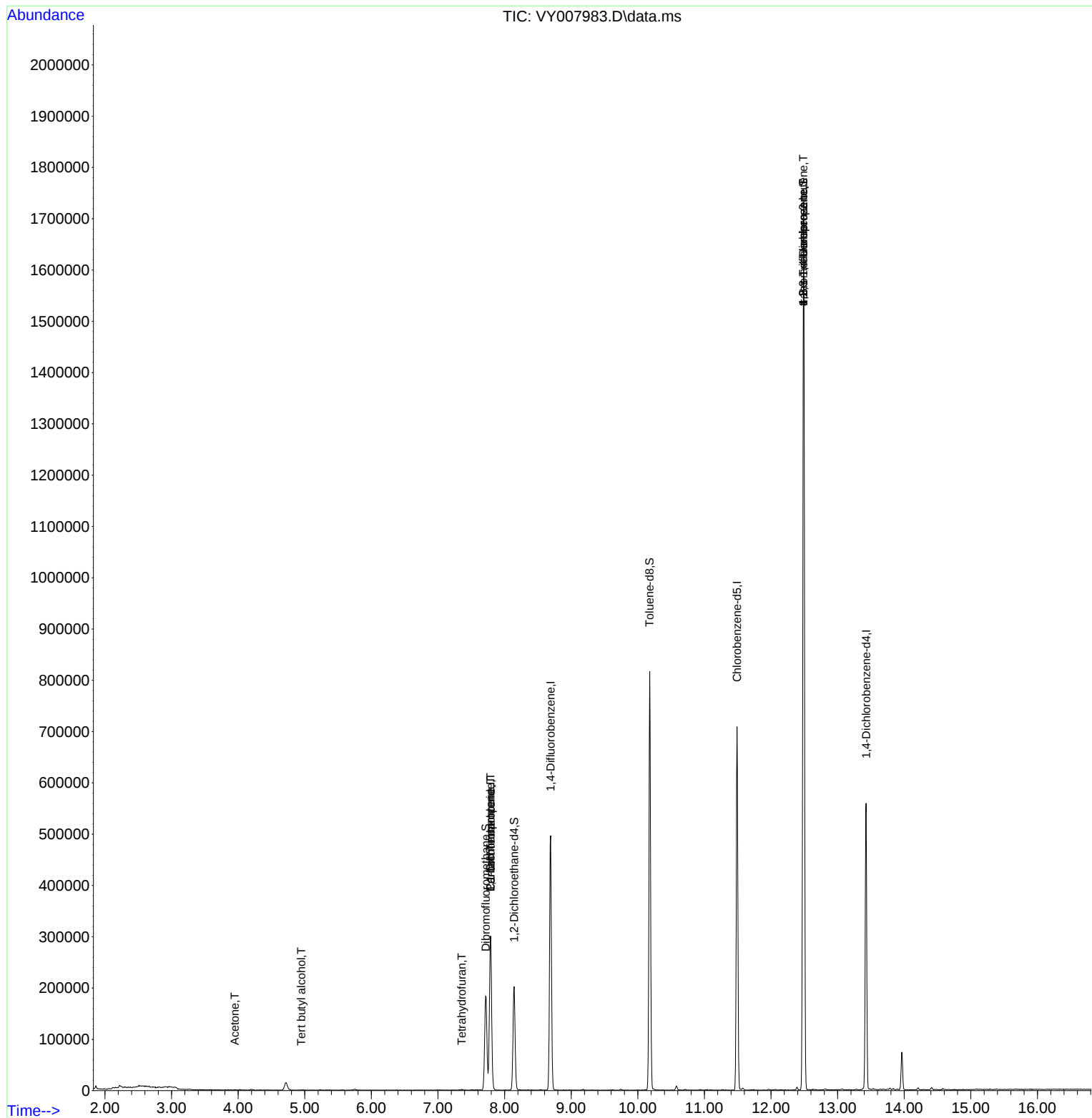
Internal Standards						
1) Pentafluorobenzene	7.789	168	222936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	422461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	374209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	150685	59.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.560%	
35) Dibromofluoromethane	7.716	113	133709	45.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.140%	
50) Toluene-d8	10.179	98	515700	58.571	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.140%	
62) 4-Bromofluorobenzene	12.483	95	167913	39.434	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62	Below Cal	#	43
3) Chloromethane	2.113	50	812	Below Cal	#	81
4) Vinyl Chloride	2.253	62	288	Below Cal	#	43
5) Bromomethane	2.662	94	335	Below Cal		85
11) Tert butyl alcohol	4.948	59	302	1.020 ug/l	#	77
16) Acetone	3.948	43	946	1.403 ug/l		93
17) Carbon Disulfide	4.204	76	1796	Below Cal		100
18) Methyl Acetate	4.491	43	425	Below Cal	#	56
20) Methylene Chloride	4.716	84	10373	Below Cal		85
29) Tetrahydrofuran	7.356	42	928	1.341 ug/l	#	87
31) Cyclohexane	7.789	56	5610	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	20213	4.593 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	23316	4.958 ug/l	#	14
39) Methylcyclohexane	9.185	83	605	Below Cal	#	77
76) 1,2,3-Trichloropropane	12.483	75	101406	52.208 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	101406	109.659 ug/l	#	9

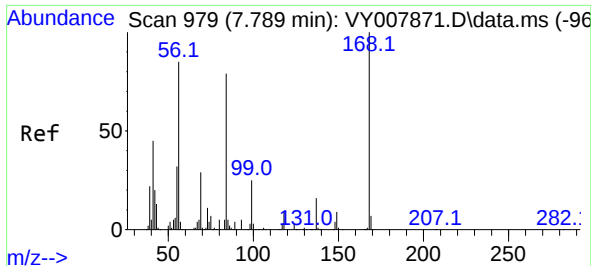
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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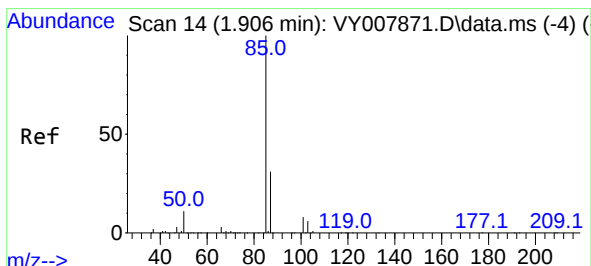
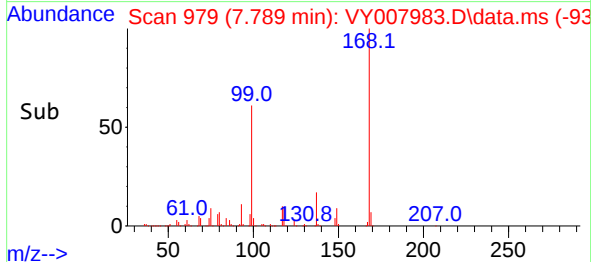
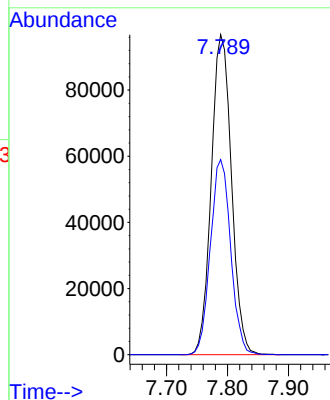
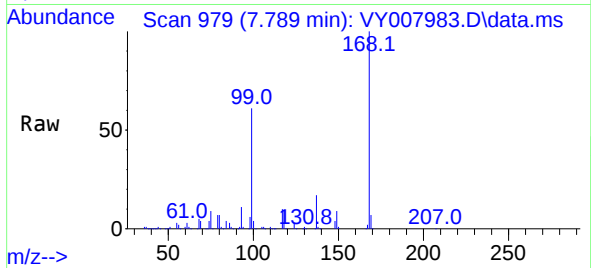




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

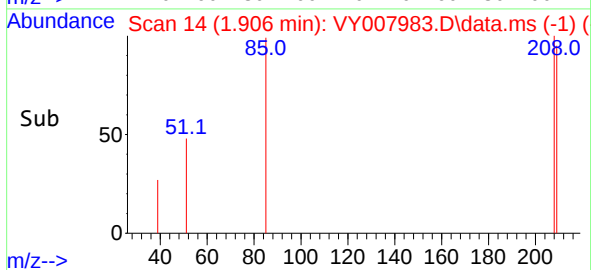
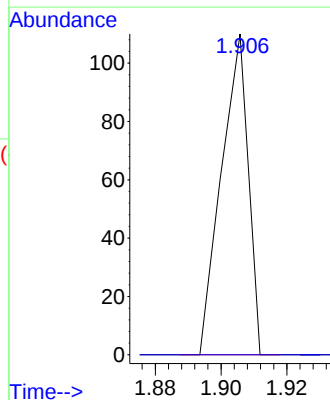
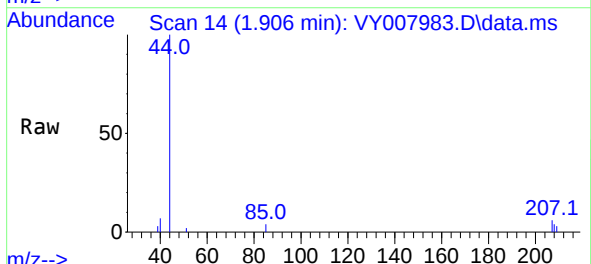
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2

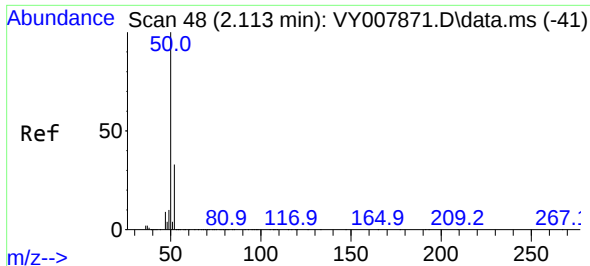
Tgt Ion:168 Resp: 222936
Ion Ratio Lower Upper
168 100
99 60.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Tgt Ion: 85 Resp: 62
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

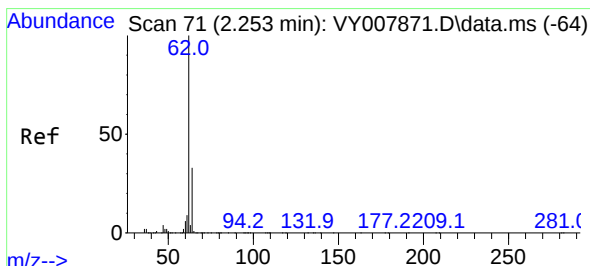
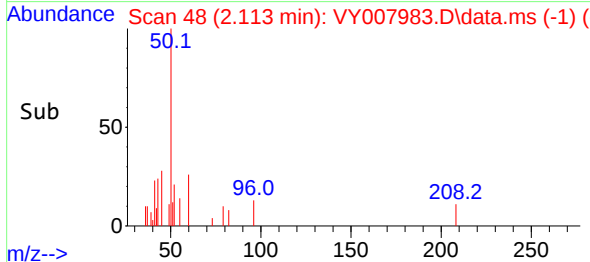
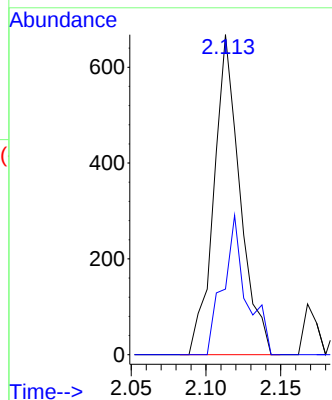
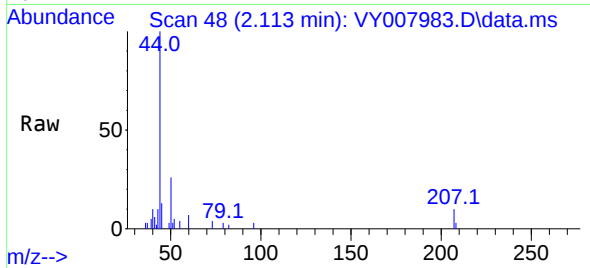




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

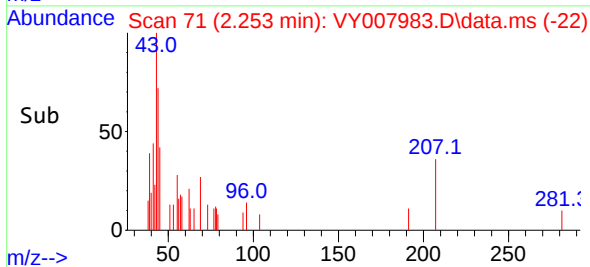
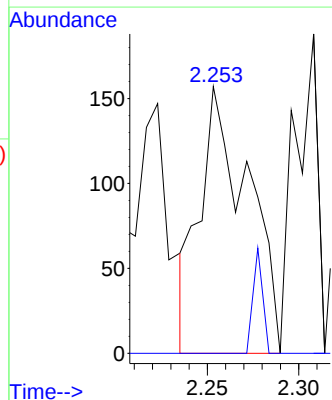
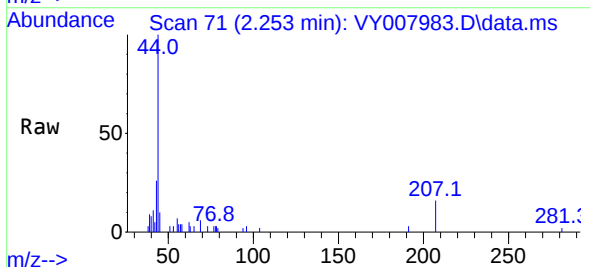
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2

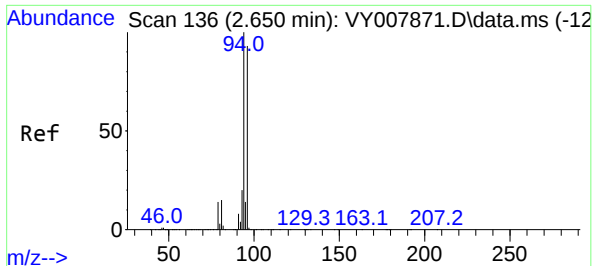
Tgt Ion: 50 Resp: 812
Ion Ratio Lower Upper
50 100
52 20.5 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Tgt Ion: 62 Resp: 288
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

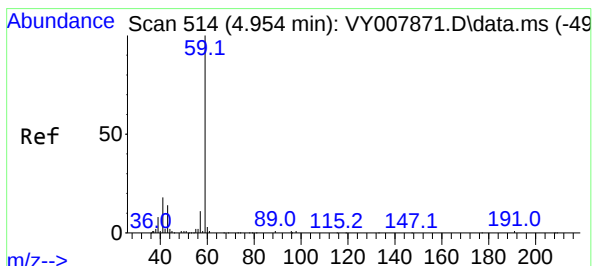
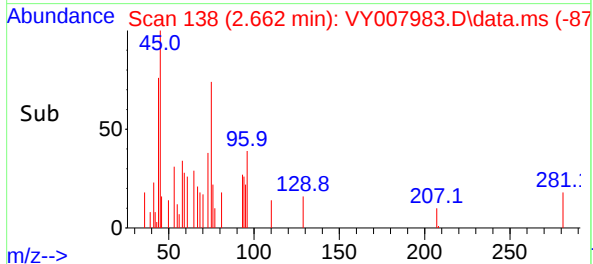
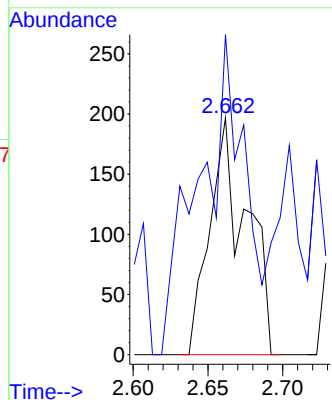
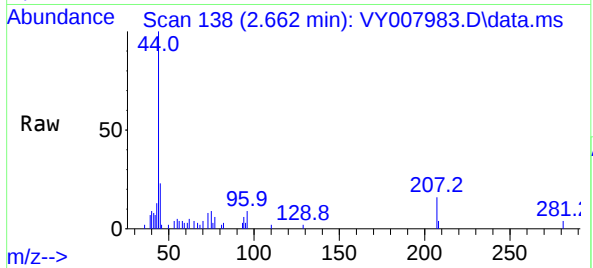




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

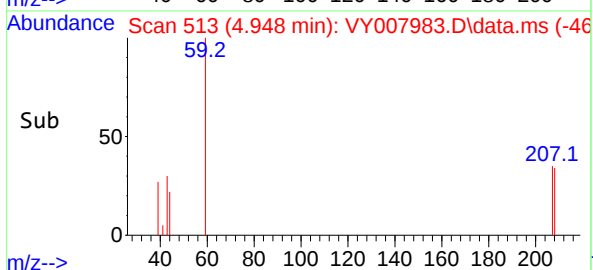
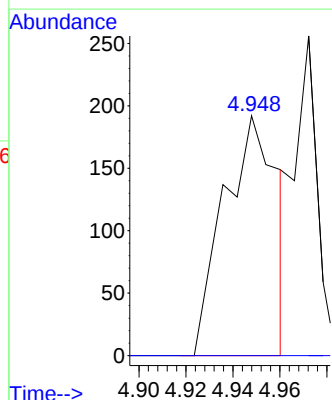
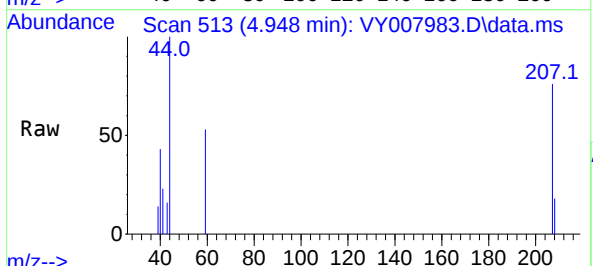
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2

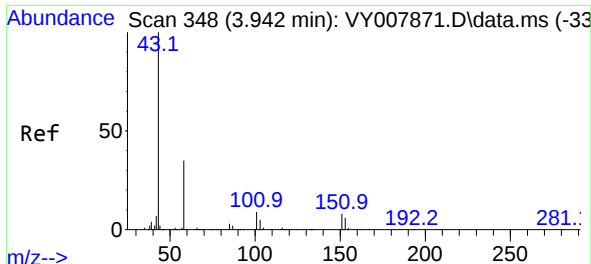
Tgt Ion: 94 Resp: 335
Ion Ratio Lower Upper
94 100
96 77.2 73.5 110.3



#11
Tert butyl alcohol
Concen: 1.020 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Tgt Ion: 59 Resp: 302
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

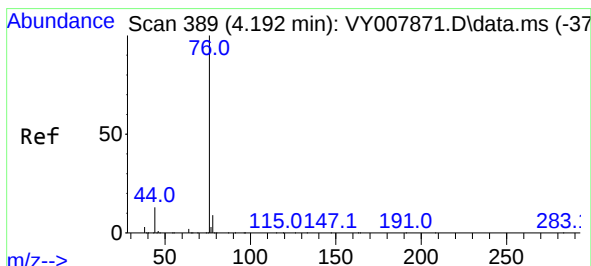
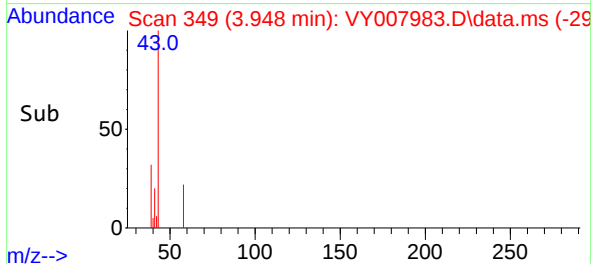
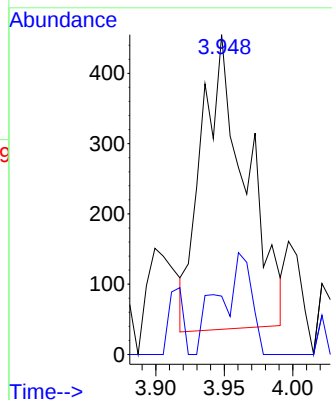
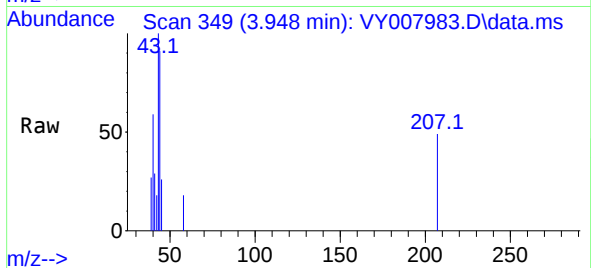




#16
Acetone
Concen: 1.403 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

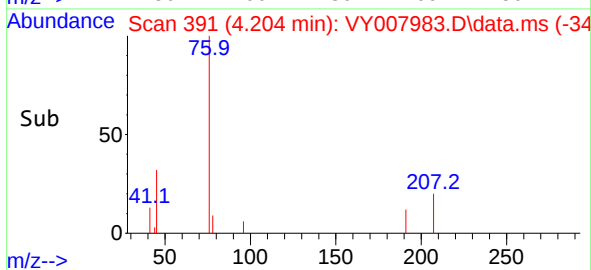
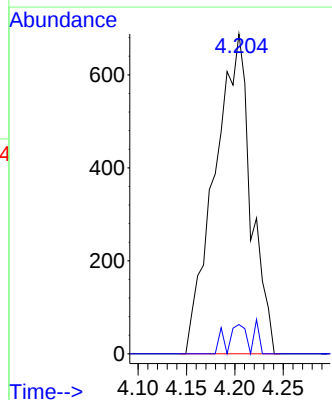
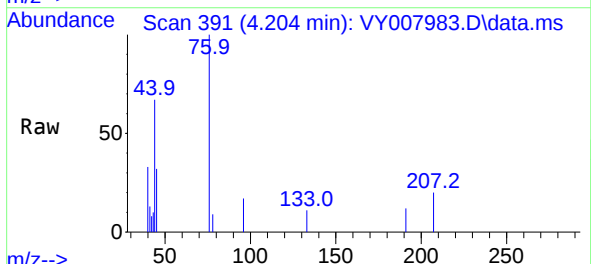
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2

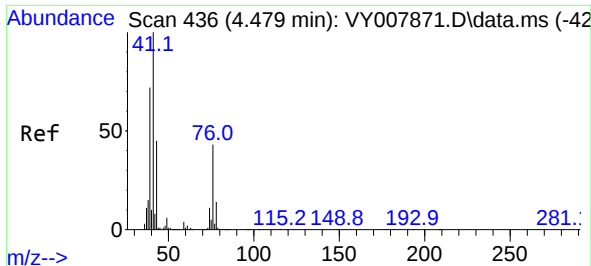
Tgt Ion: 43 Resp: 946
Ion Ratio Lower Upper
43 100
58 24.0 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Tgt Ion: 76 Resp: 1796
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

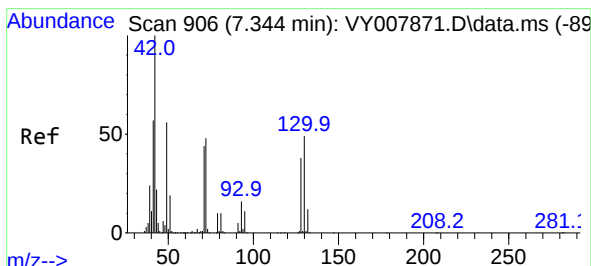
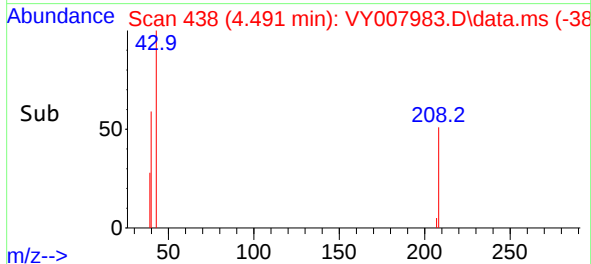
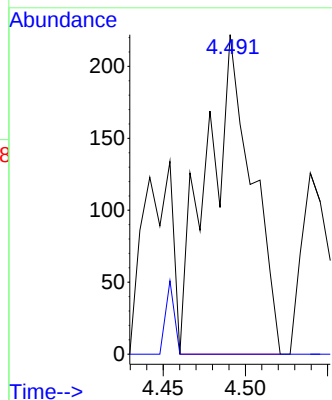
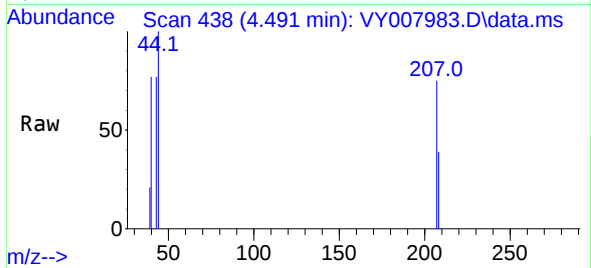




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

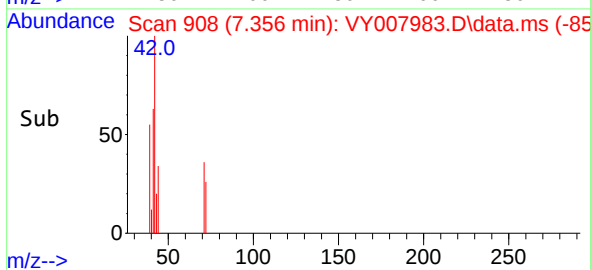
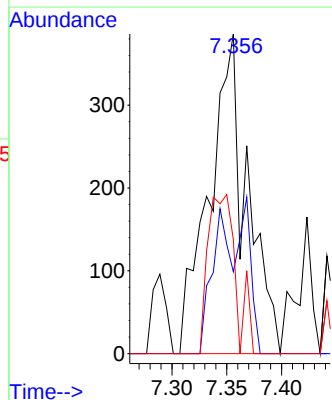
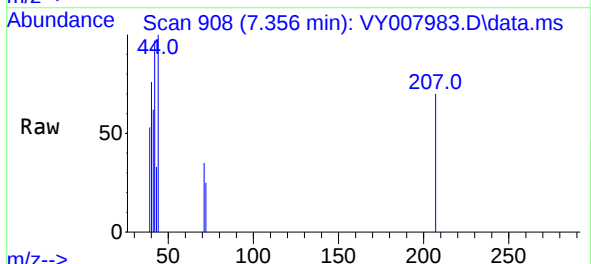
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2

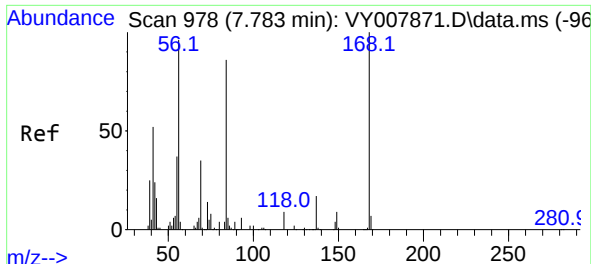
Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#29
Tetrahydrofuran
Concen: 1.341 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

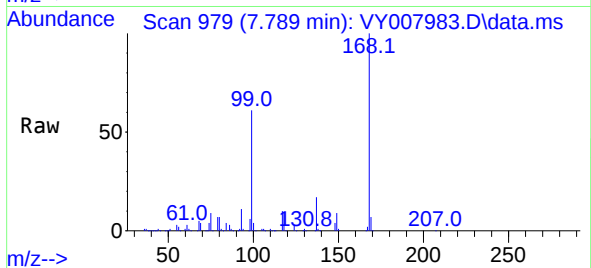
Tgt Ion: 42 Resp: 928
Ion Ratio Lower Upper
42 100
72 23.1 30.3 45.5#
71 36.4 29.0 43.4



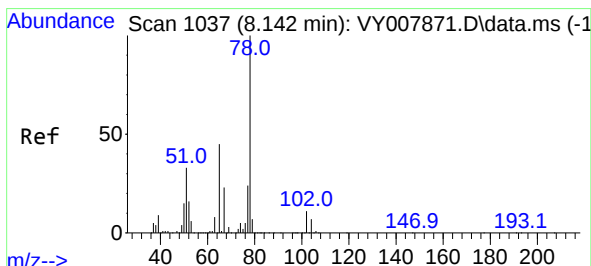
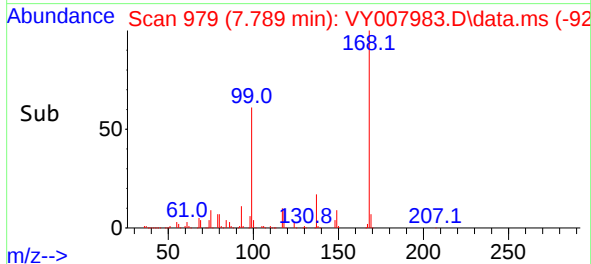
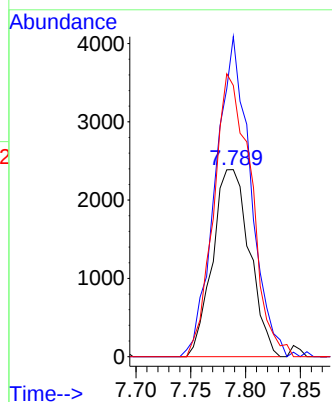


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Instrument :
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ClientSampleId :
CMP-B1-031822-0-2

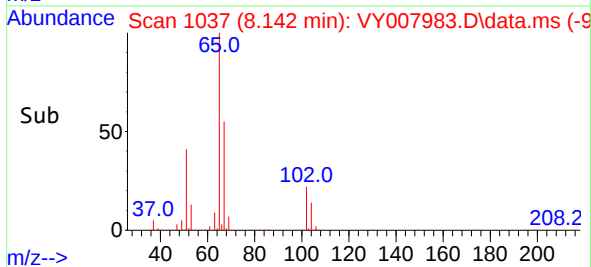
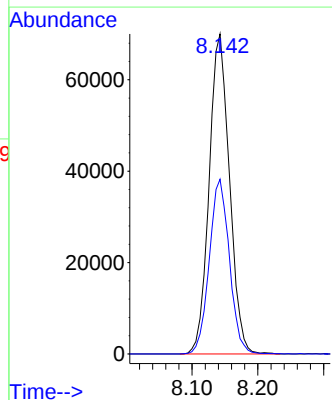
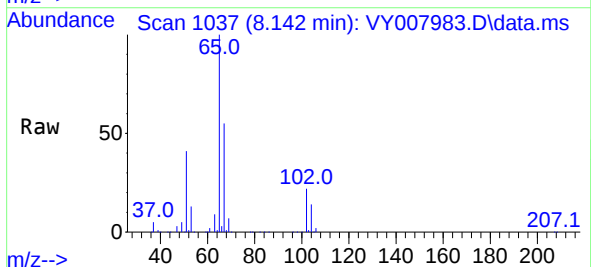


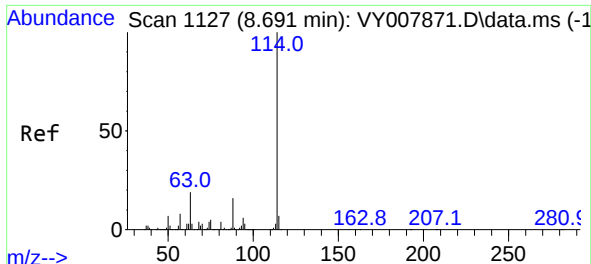
Tgt Ion: 56 Resp: 5610
Ion Ratio Lower Upper
56 100
69 171.0 26.7 40.1#
84 144.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.281 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Tgt Ion: 65 Resp: 150685
Ion Ratio Lower Upper
65 100
67 54.0 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: VY007983.D

Acq: 22 Mar 2022 03:50

Instrument :

MSVOA_Y

ClientSampleId :

CMP-B1-031822-0-2

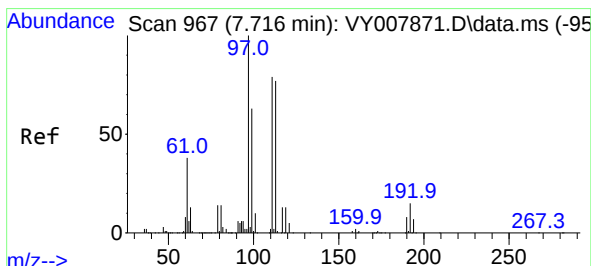
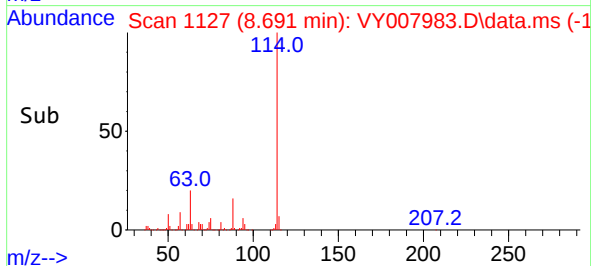
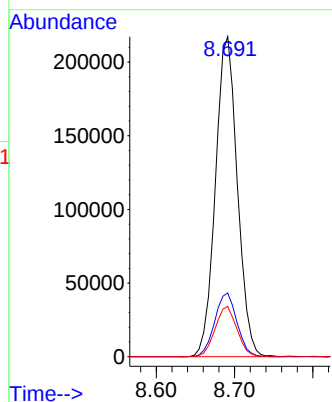
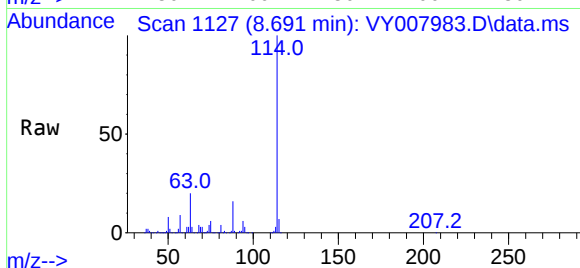
Tgt Ion:114 Resp: 422461

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.067 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007983.D

Acq: 22 Mar 2022 03:50

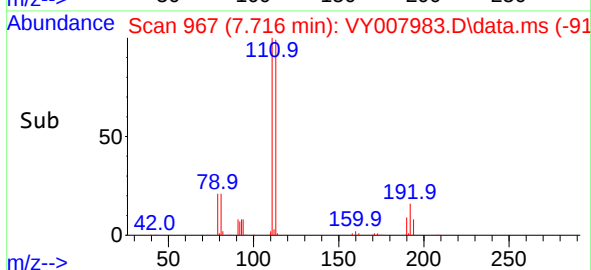
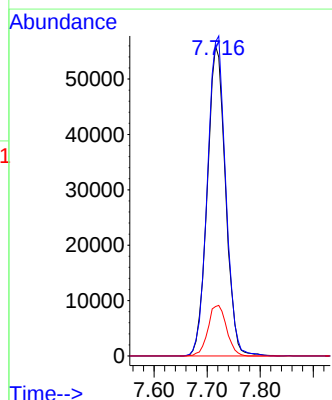
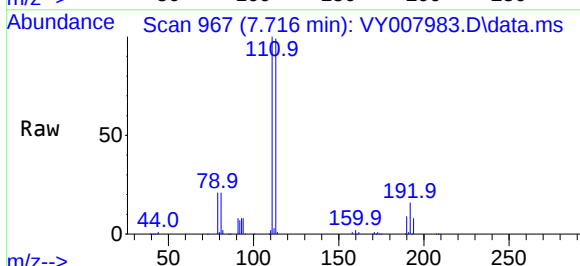
Tgt Ion:113 Resp: 133709

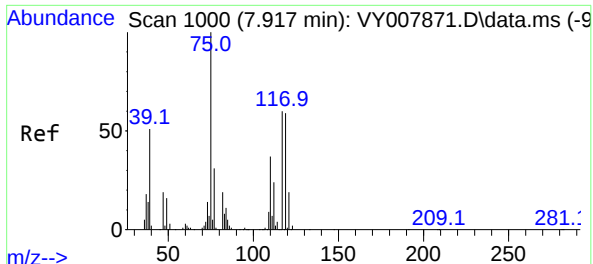
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 16.6 17.6 26.4#

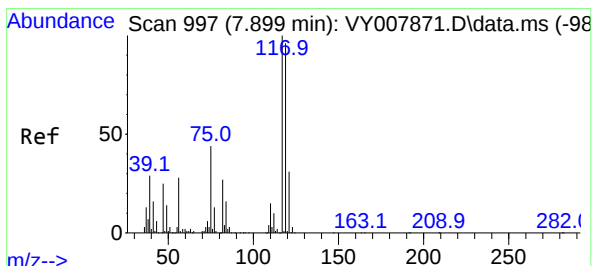
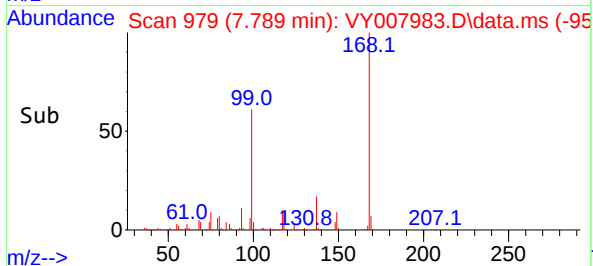
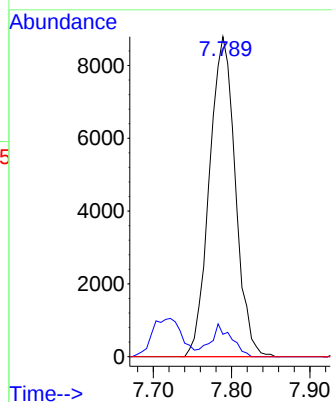
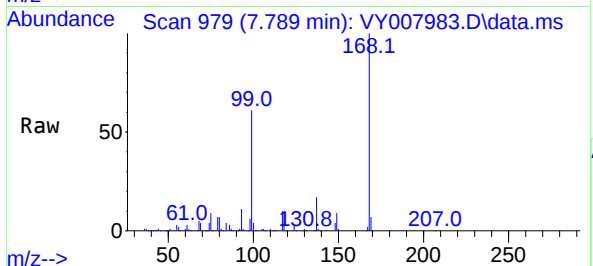




#36
1,1-Dichloropropene
Concen: 4.593 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

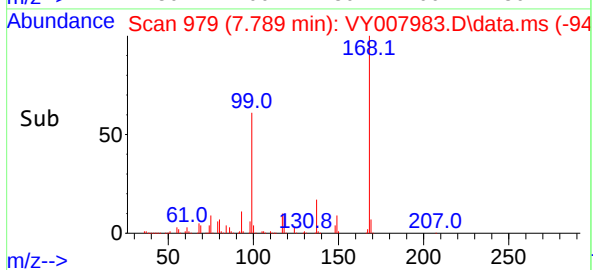
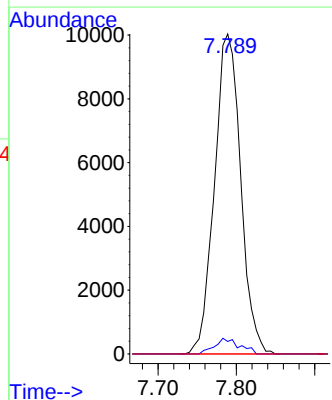
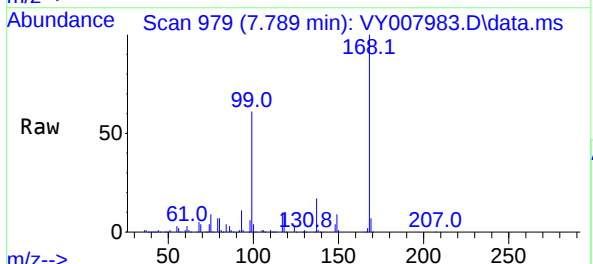
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2

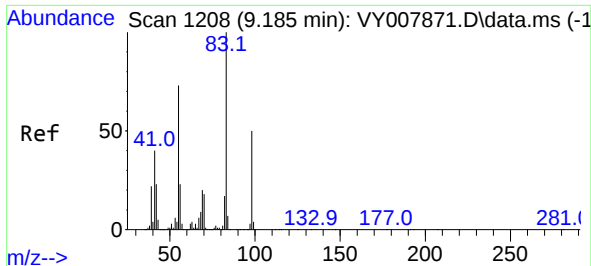
Tgt Ion: 75	Resp: 20213
Ion Ratio	Lower Upper
75 100	
110 8.3	17.1 51.2#
77 0.0	24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.958 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Tgt Ion: 117	Resp: 23316
Ion Ratio	Lower Upper
117 100	
119 3.9	77.9 116.9#
121 0.0	24.8 37.2#

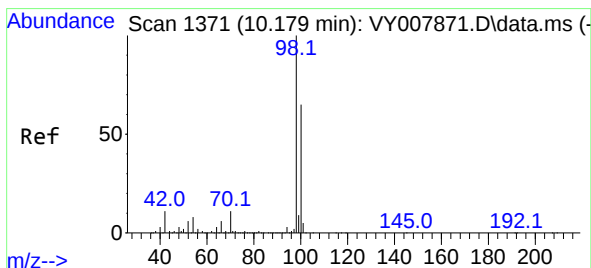
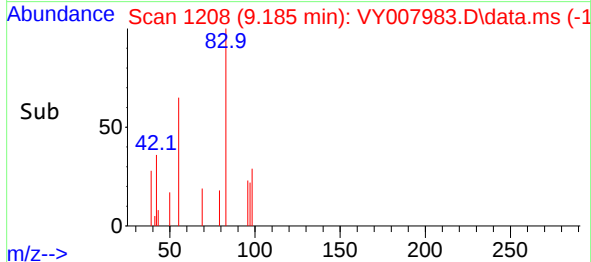
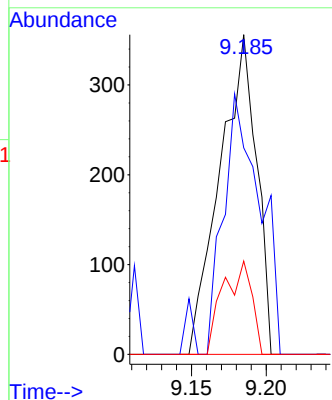
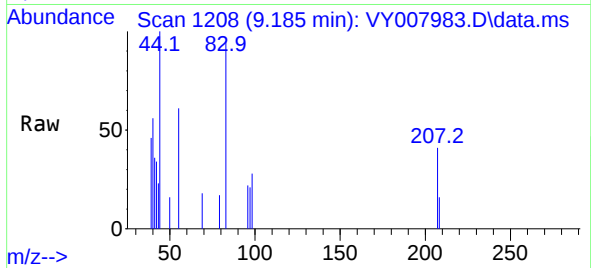




#39
Methylcyclohexane
Concen: Below Cal
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

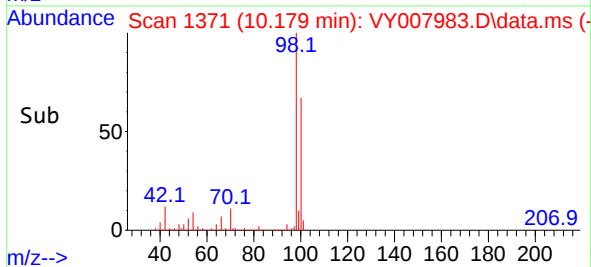
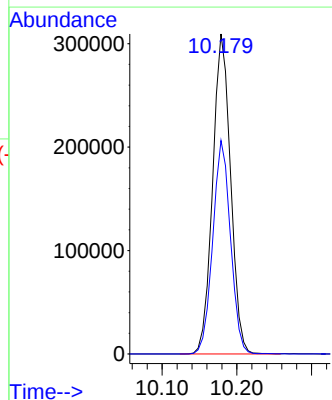
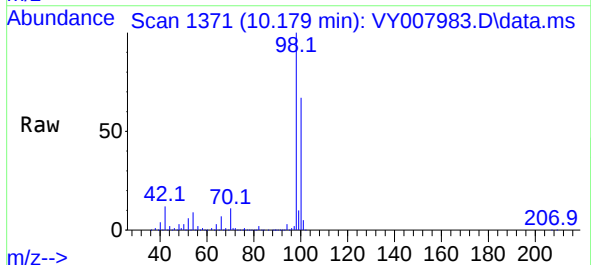
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2

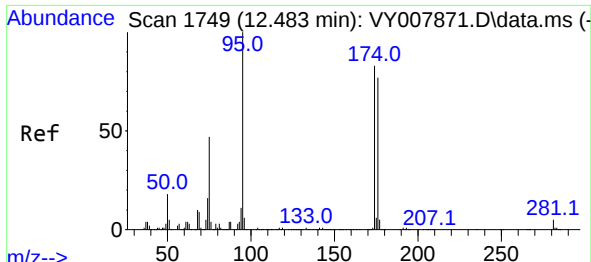
Tgt Ion: 83 Resp: 605
Ion Ratio Lower Upper
83 100
55 64.6 66.5 99.7#
98 29.2 37.9 56.9#



#50
Toluene-d8
Concen: 58.571 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Tgt Ion: 98 Resp: 515700
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

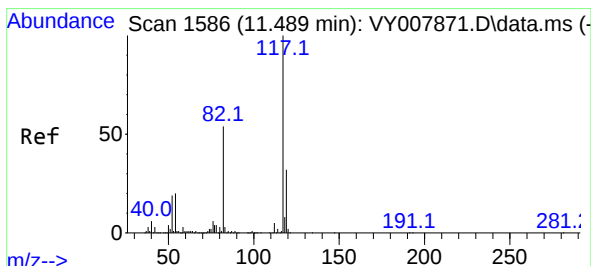
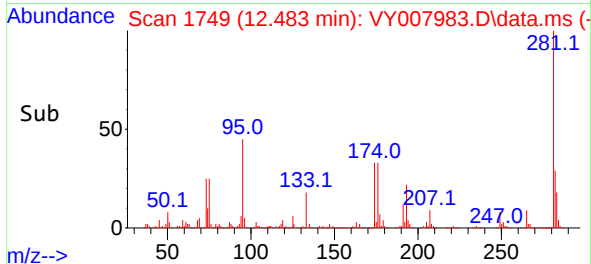
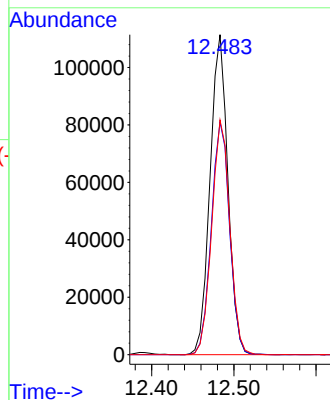
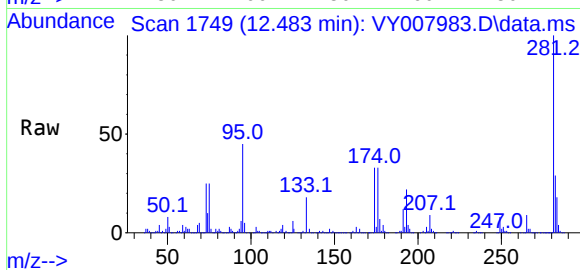




#62
4-Bromofluorobenzene
Concen: 39.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

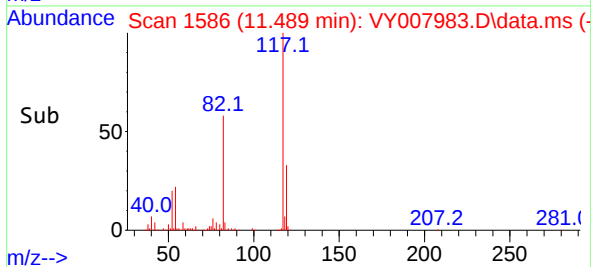
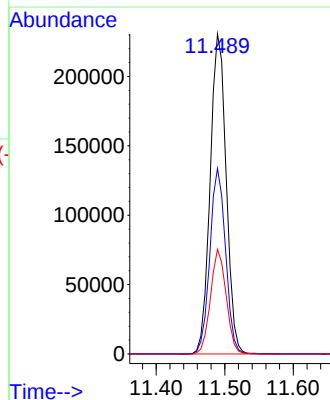
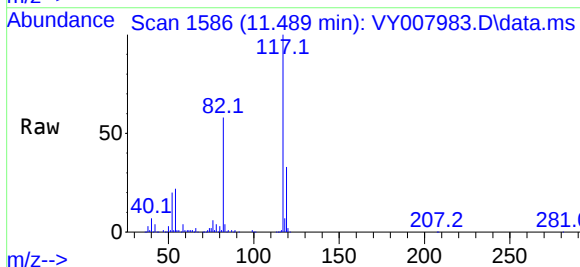
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2

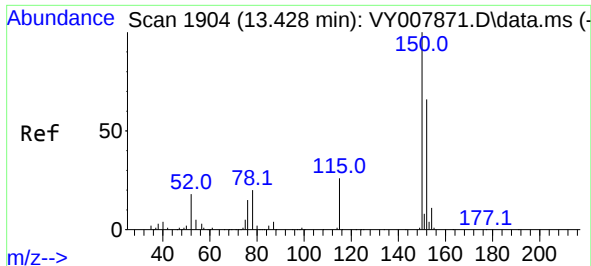
Tgt Ion: 95 Resp: 167913
Ion Ratio Lower Upper
95 100
174 74.5 0.0 177.0
176 74.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Tgt Ion: 117 Resp: 374209
Ion Ratio Lower Upper
117 100
82 58.0 43.0 64.4
119 32.7 25.4 38.0

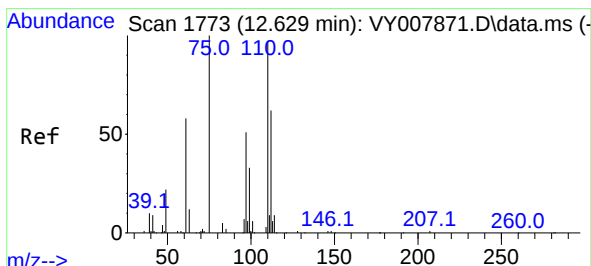
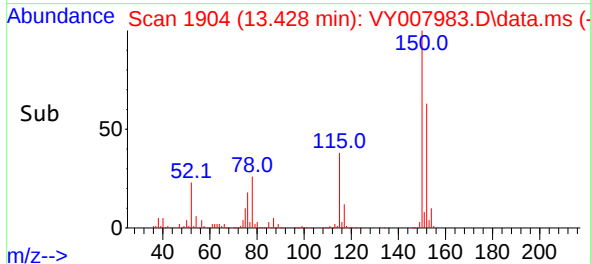
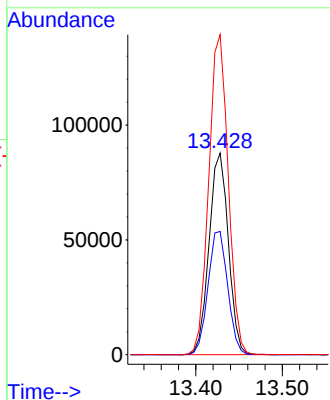
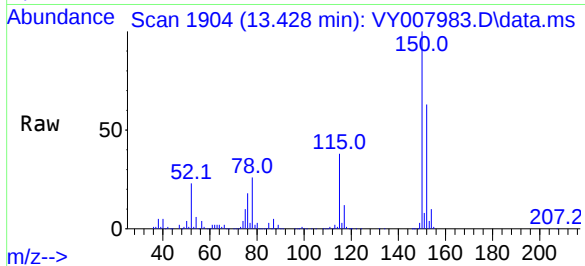




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

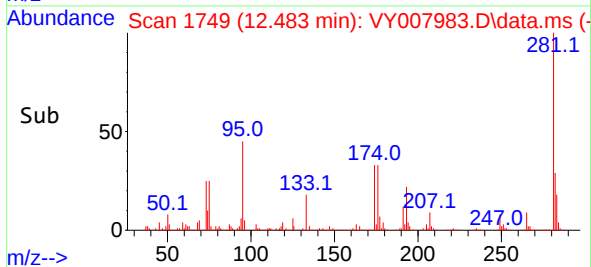
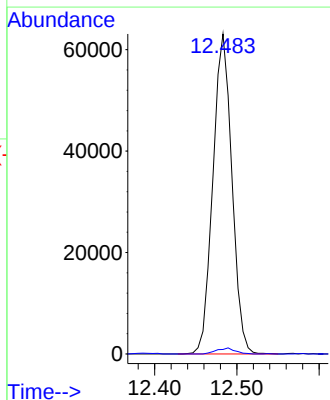
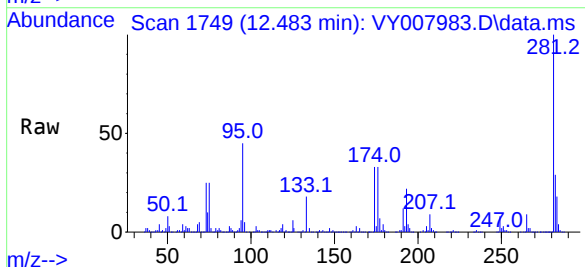
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2

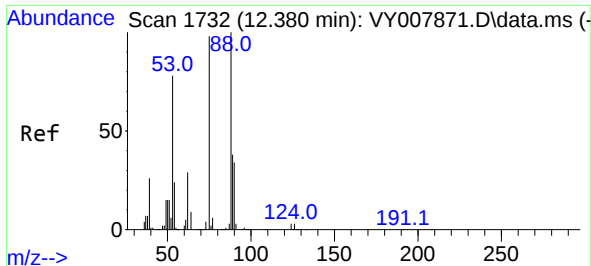
Tgt Ion:152 Resp: 136272
Ion Ratio Lower Upper
152 100
115 62.3 28.2 84.7
150 159.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 52.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

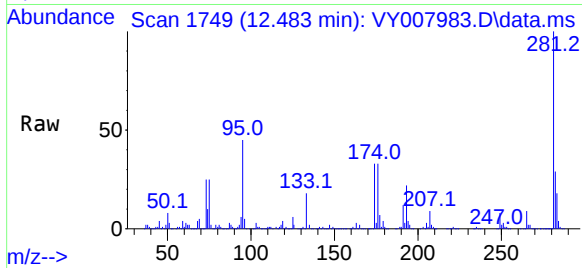
Tgt Ion: 75 Resp: 101406
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.659 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007983.D
 Acq: 22 Mar 2022 03:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMP-B1-031822-0-2



Tgt Ion: 75 Resp: 101406
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 4.6 37.0 55.4#

