

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007744.D
 Acq On : 04 Mar 2022 16:07
 Operator : SY/MD
 Sample : N1751-11RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:24:55 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)

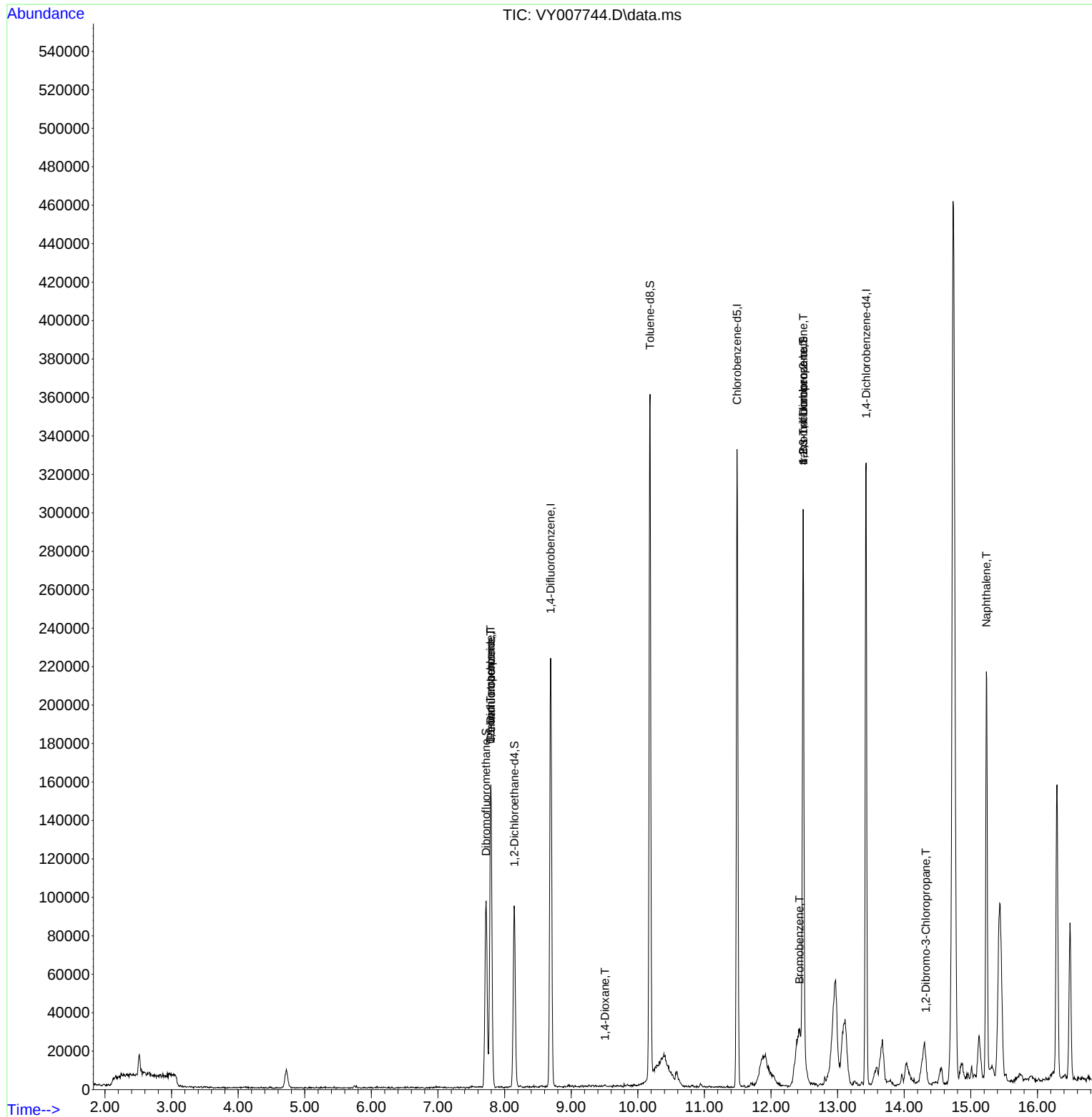
Internal Standards						
1) Pentafluorobenzene	7.795	168	129385	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	199028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71319	52.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.300%	
35) Dibromofluoromethane	7.722	113	66991	52.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.300%	
50) Toluene-d8	10.185	98	234772	50.123	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	12.483	95	73223	48.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	68	Below Cal	#	43
3) Chloromethane	2.125	50	853	Below Cal		91
13) Acrolein	3.527	56	58	Below Cal	#	14
17) Carbon Disulfide	4.192	76	53	Below Cal	#	75
18) Methyl Acetate	4.460	43	46	Below Cal	#	56
31) Cyclohexane	7.795	56	3085	Below Cal	#	42
36) 1,1-Dichloropropene	7.789	75	9382	4.687	ug/l #	53
38) Carbon Tetrachloride	7.789	117	11668	5.465	ug/l #	15
49) 1,4-Dioxane	9.508	88	48	4.598	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	41262	44.648	ug/l #	100
77) Bromobenzene	12.428	156	30537	20.564	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	41262	91.277	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.324	75	359	1.753	ug/l #	6
95) Naphthalene	15.233	128	174273	51.570	ug/l	99

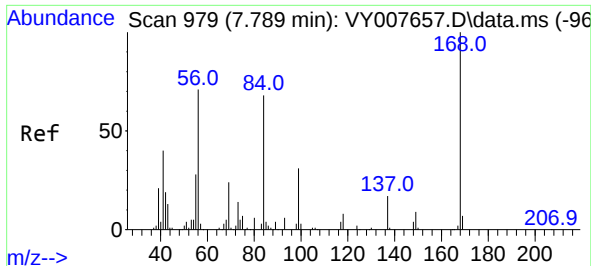
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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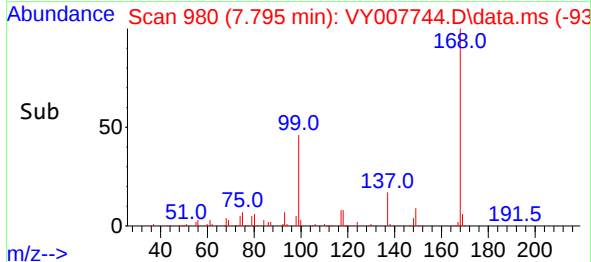
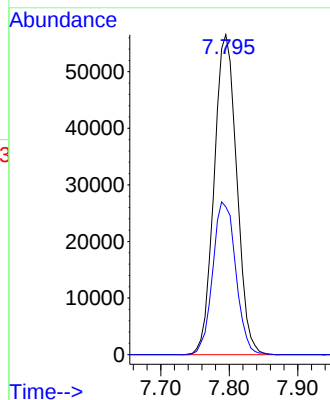
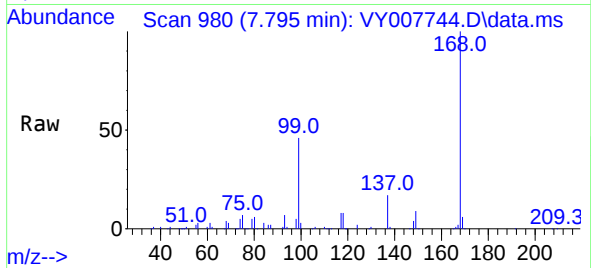




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

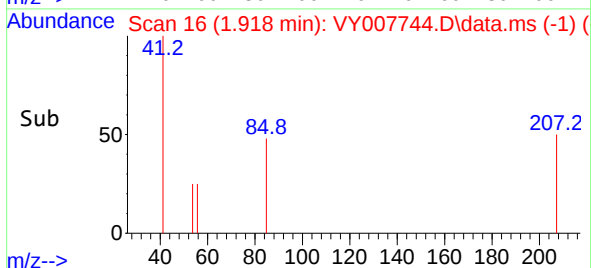
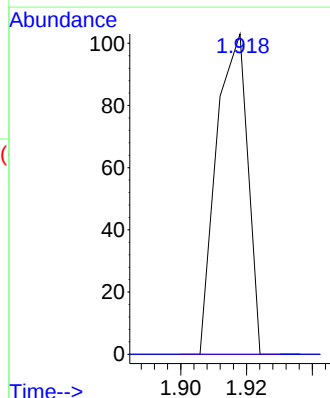
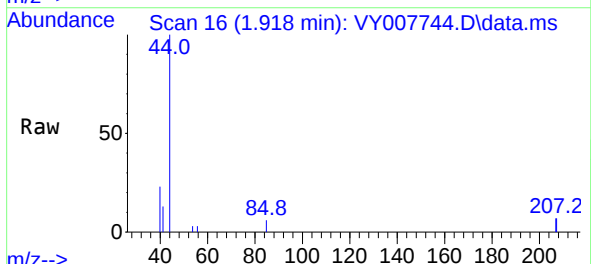
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 129385
Ion Ratio Lower Upper
168 100
99 46.2 46.9 70.3#

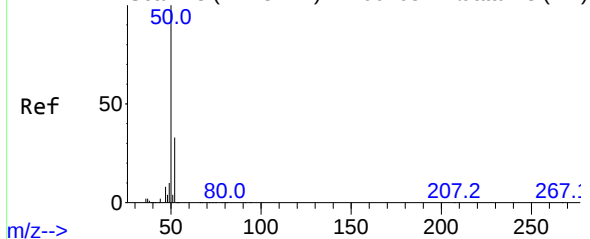


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

Tgt Ion: 85 Resp: 68
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



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

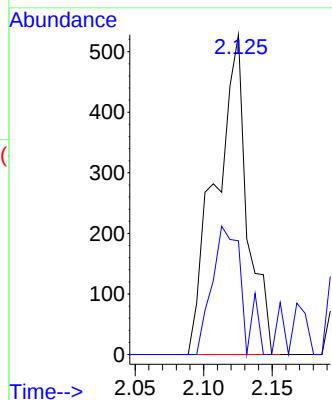
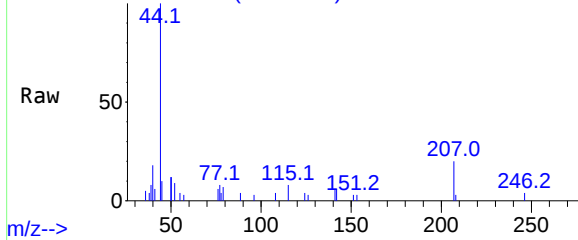


#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

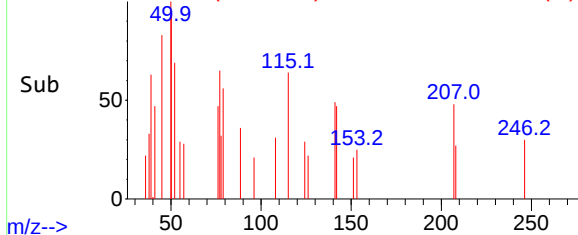
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 853
Ion Ratio Lower Upper
50 100
52 35.6 24.6 37.0

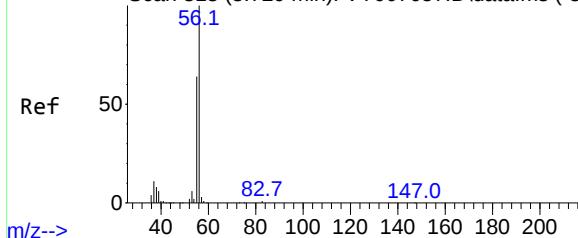
Abundance Scan 50 (2.125 min): VY007744.D\data.ms



Abundance Scan 50 (2.125 min): VY007744.D\data.ms (-1)



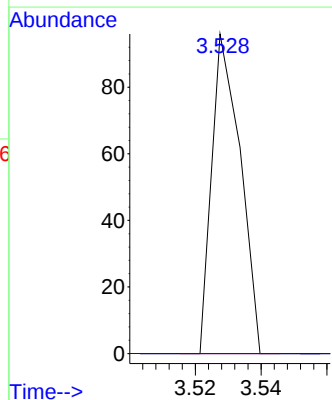
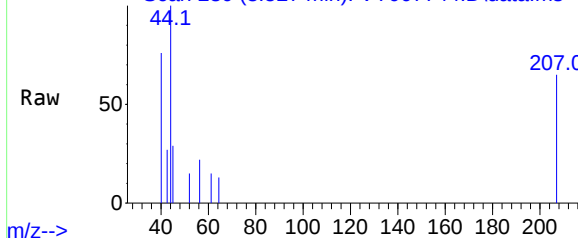
Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



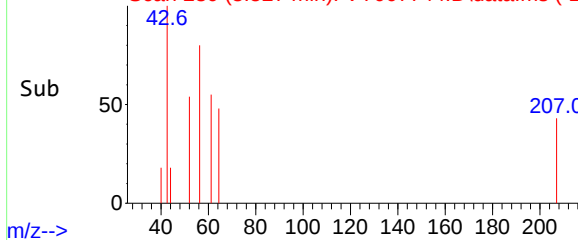
#13
Acrolein
Concen: Below Cal
RT: 3.527 min Scan# 280
Delta R.T. -0.202 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

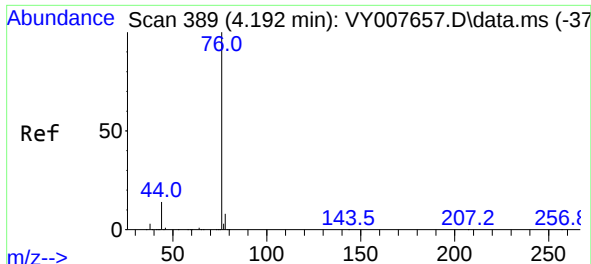
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

Abundance Scan 280 (3.527 min): VY007744.D\data.ms



Abundance Scan 280 (3.527 min): VY007744.D\data.ms (-26)

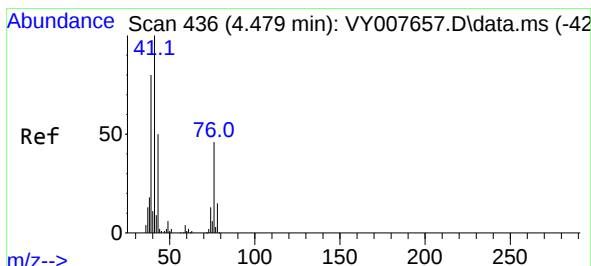
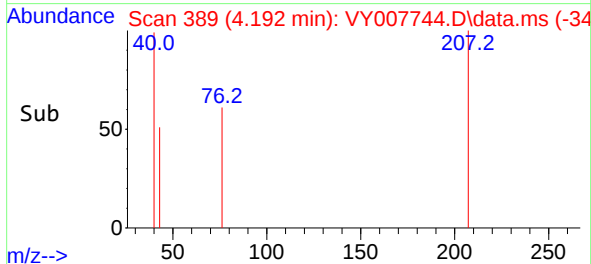
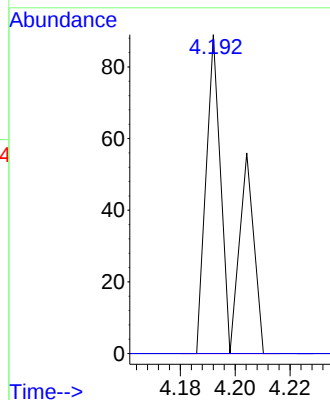
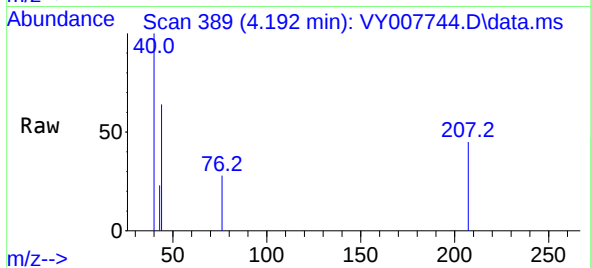




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

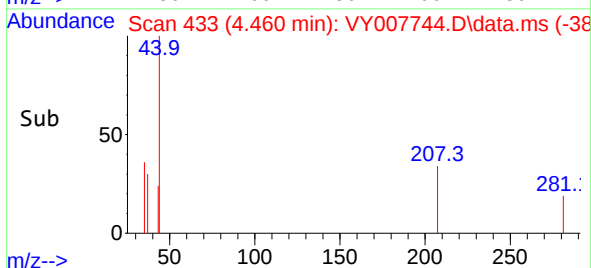
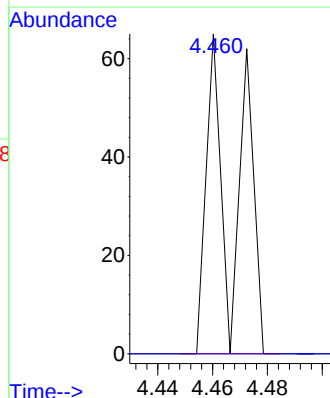
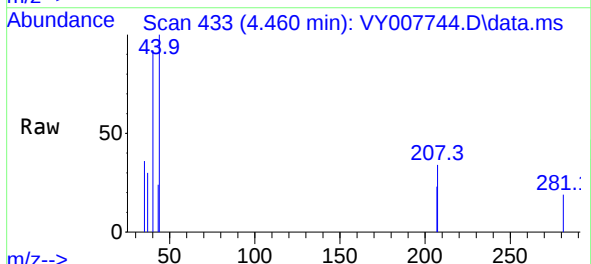
Instrument :
MSVOA_Y
ClientSampleId :

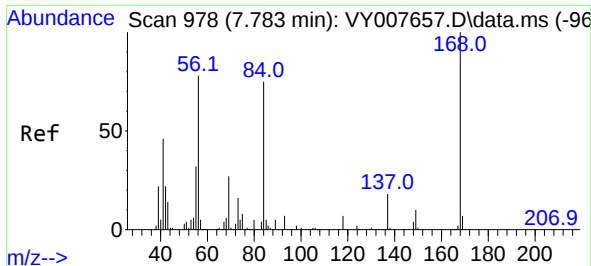
Tgt Ion: 76 Resp: 53
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 433
Delta R.T. -0.019 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

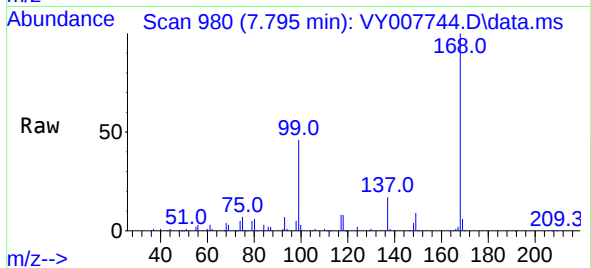
Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



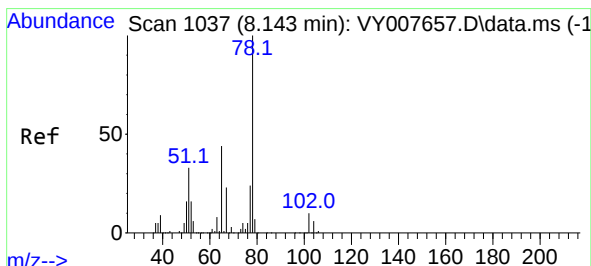
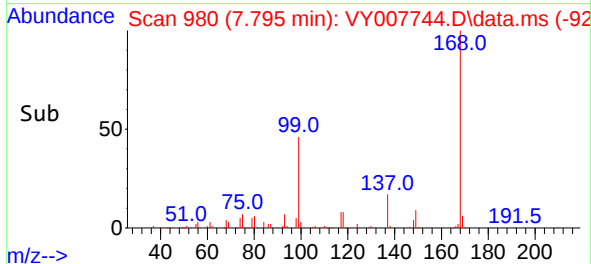
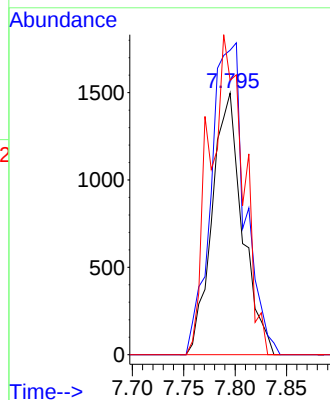


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

Instrument :
MSVOA_Y
ClientSampleId :

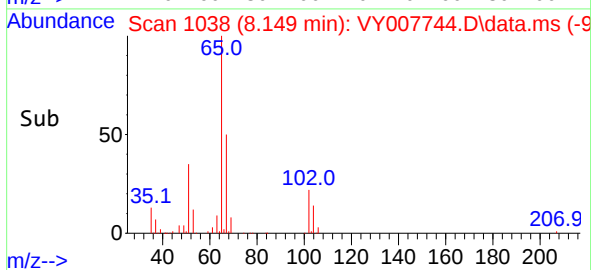
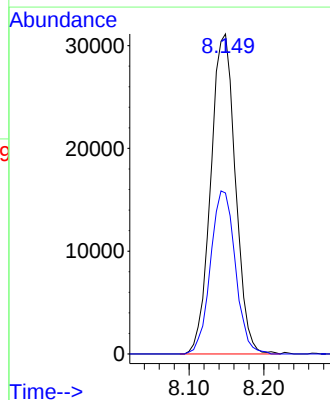
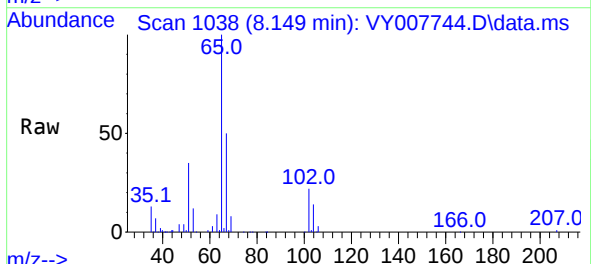


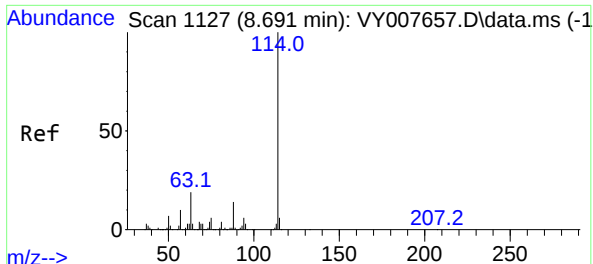
Tgt Ion: 56 Resp: 3085
Ion Ratio Lower Upper
56 100
69 116.4 26.7 40.1#
84 104.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.652 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

Tgt Ion: 65 Resp: 71319
Ion Ratio Lower Upper
65 100
67 51.4 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: VY007744.D

Acq: 04 Mar 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

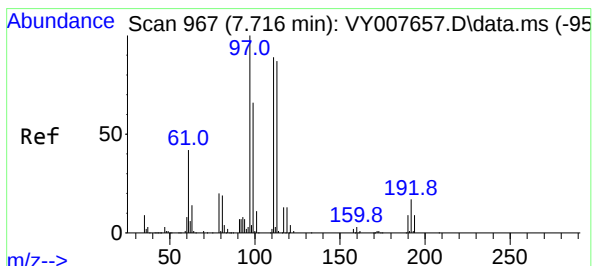
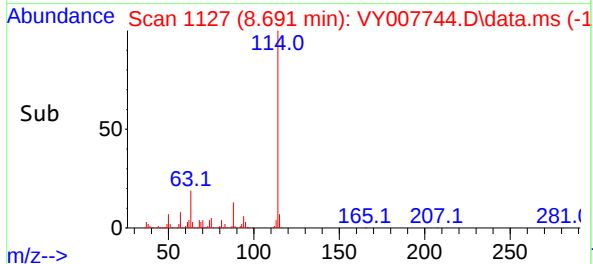
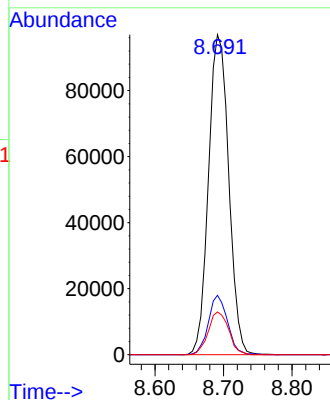
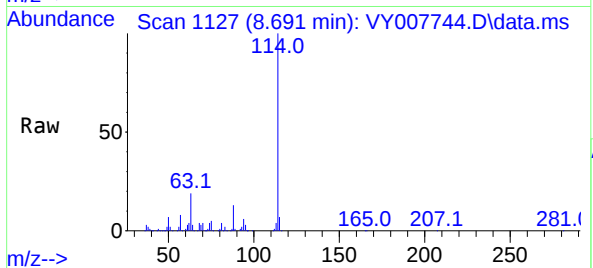
Tgt Ion:114 Resp: 199028

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.647 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007744.D

Acq: 04 Mar 2022 16:07

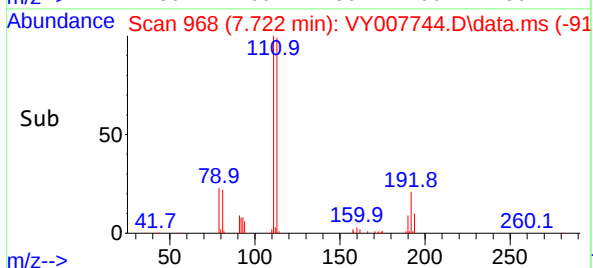
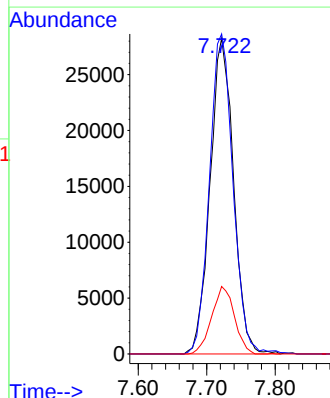
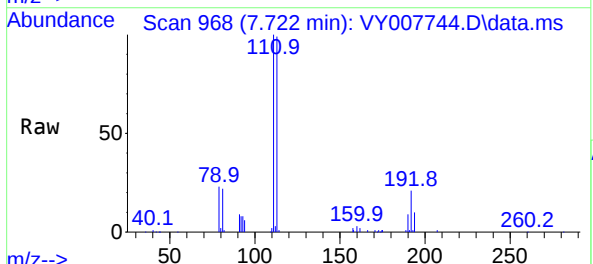
Tgt Ion:113 Resp: 66991

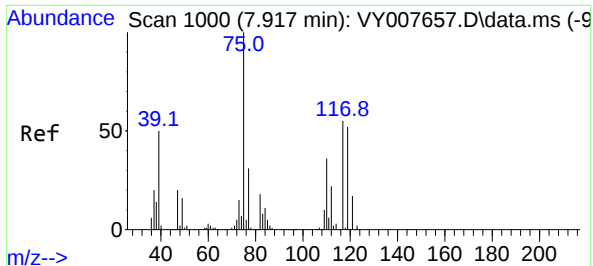
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 20.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.687 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

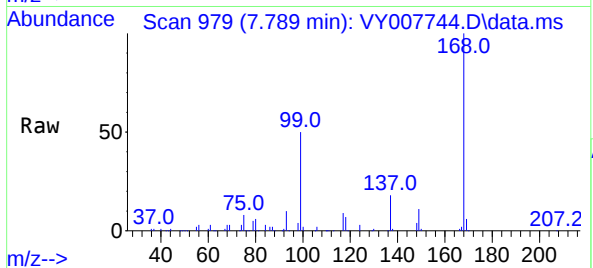
Lab File: VY007744.D

Acq: 04 Mar 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :



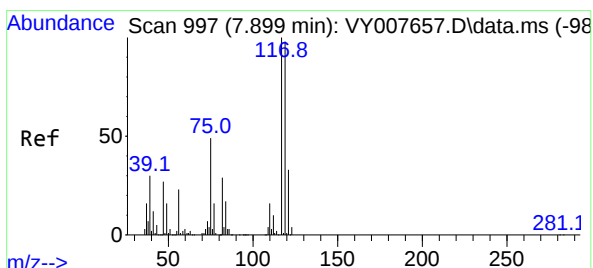
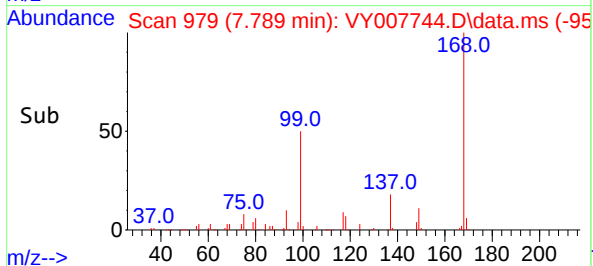
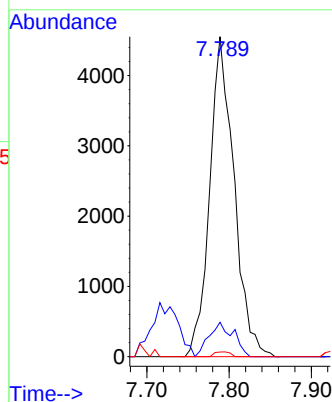
Tgt Ion: 75 Resp: 9382

Ion Ratio Lower Upper

75 100

110 10.8 17.1 51.2#

77 1.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.465 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007744.D

Acq: 04 Mar 2022 16:07

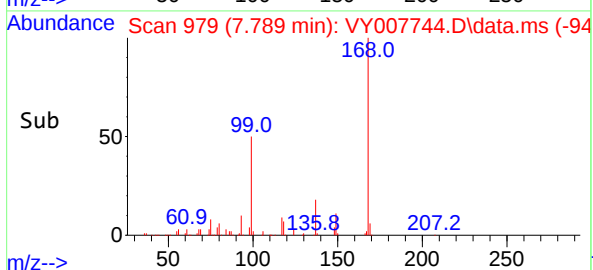
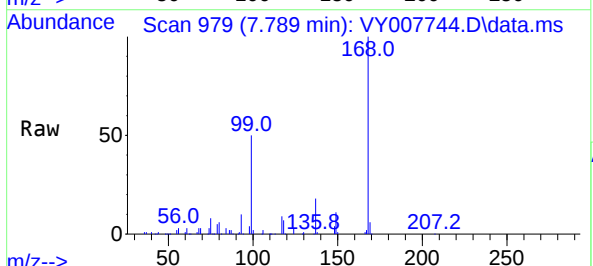
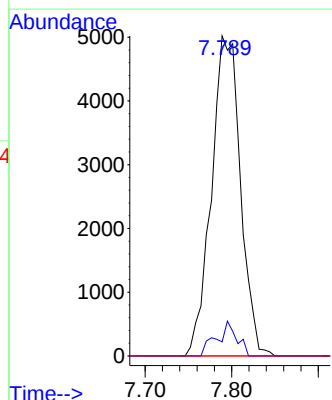
Tgt Ion: 117 Resp: 11668

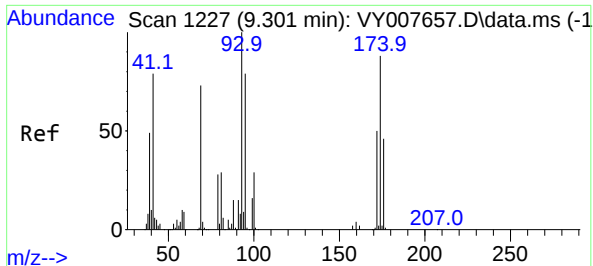
Ion Ratio Lower Upper

117 100

119 4.4 77.9 116.9#

121 0.0 24.8 37.2#

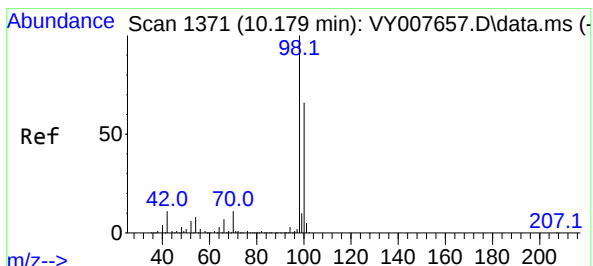
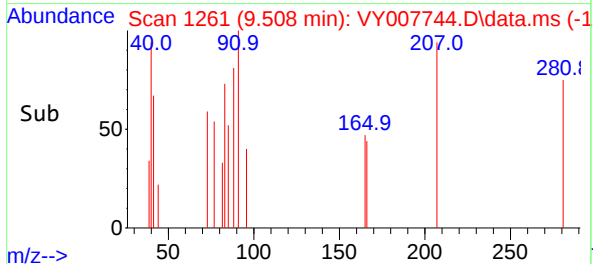
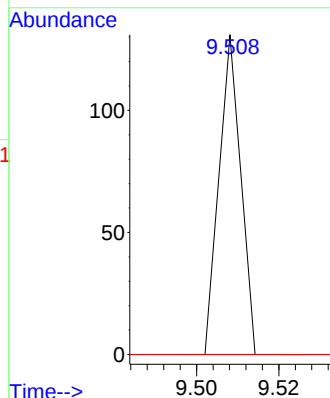
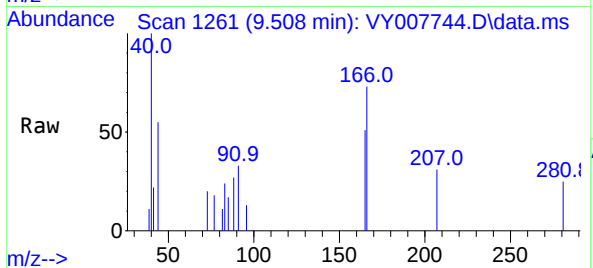




#49
1,4-Dioxane
Concen: 4.598 ug/l
RT: 9.508 min Scan# 1227
Delta R.T. 0.207 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

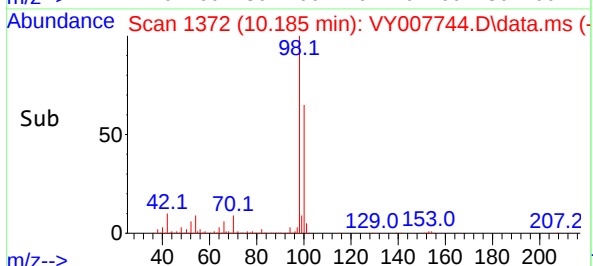
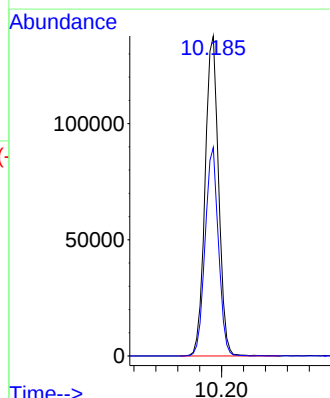
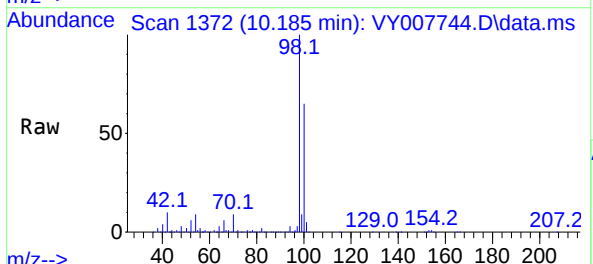
Instrument :
MSVOA_Y
ClientSampleId :

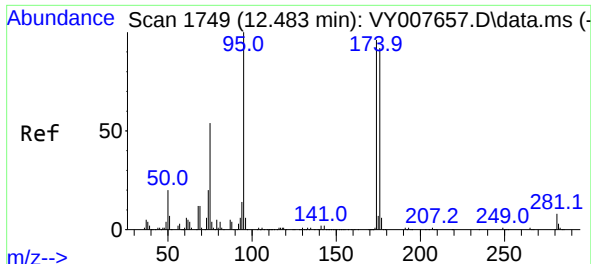
Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 0.0 59.8 89.6#



#50
Toluene-d8
Concen: 50.123 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

Tgt Ion: 98 Resp: 234772
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

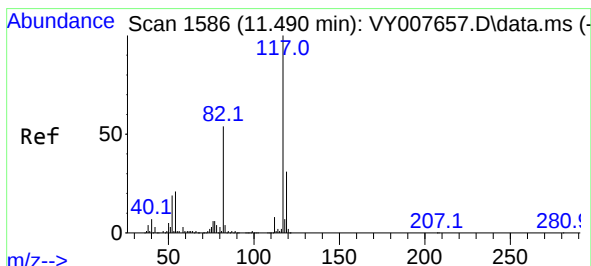
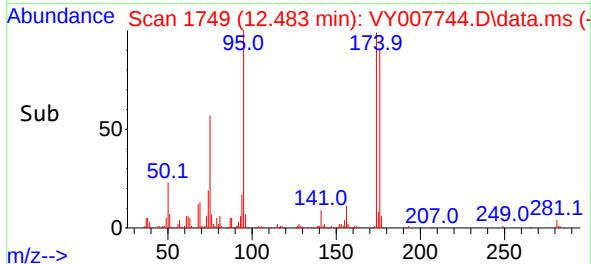
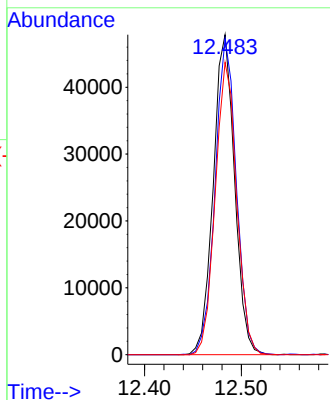
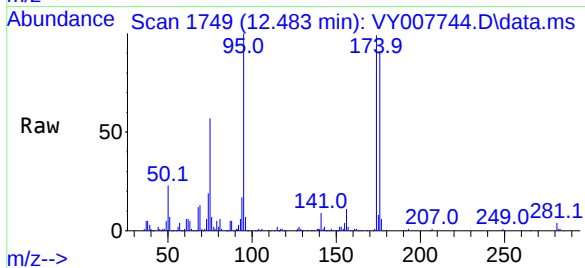




#62
4-Bromofluorobenzene
Concen: 48.497 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

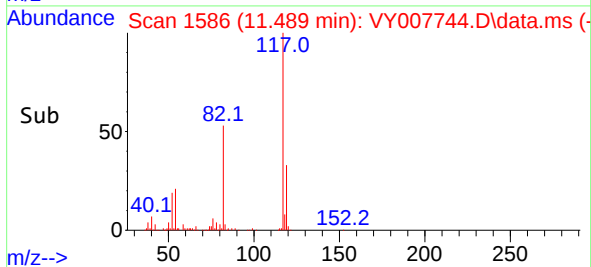
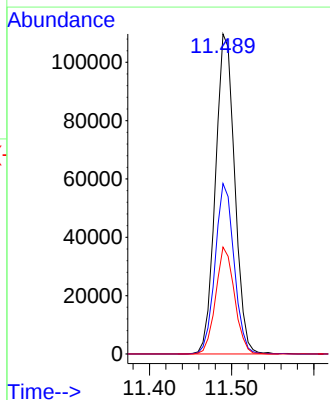
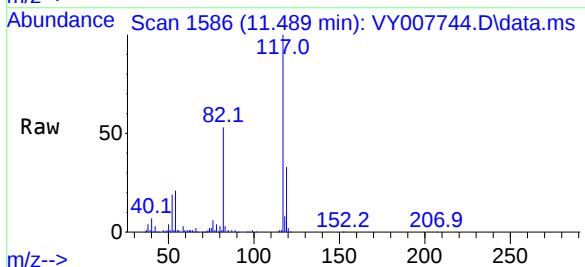
Instrument :
MSVOA_Y
ClientSampleId :

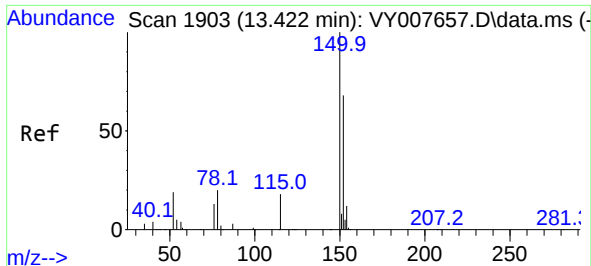
Tgt Ion: 95 Resp: 73223
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 91.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

Tgt Ion: 117 Resp: 178604
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 33.4 25.4 38.0

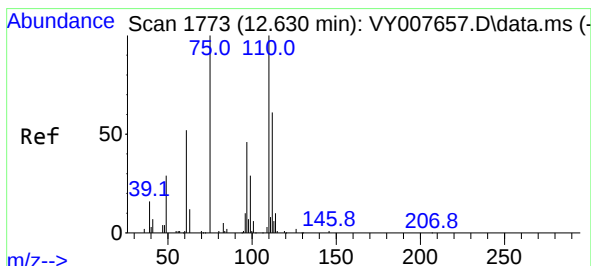
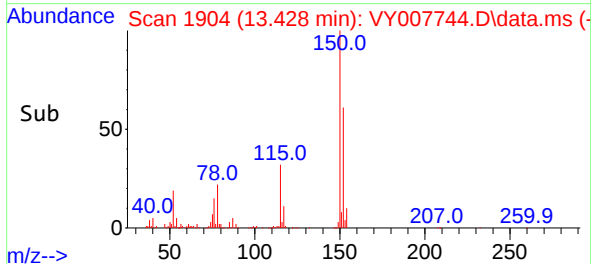
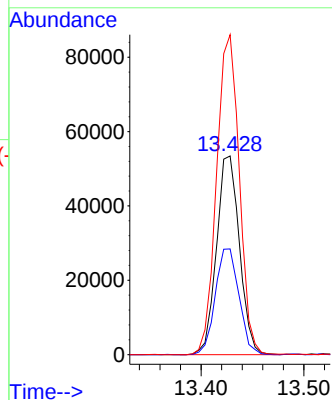
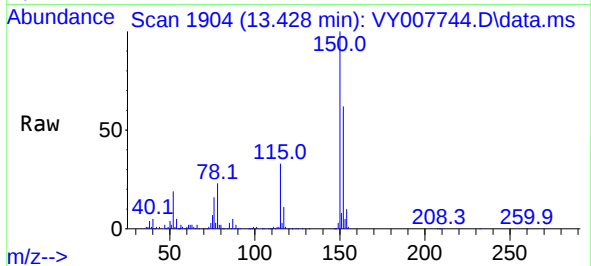




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

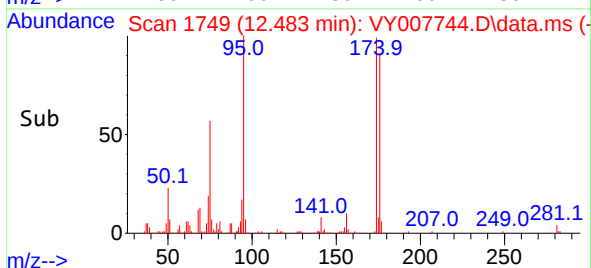
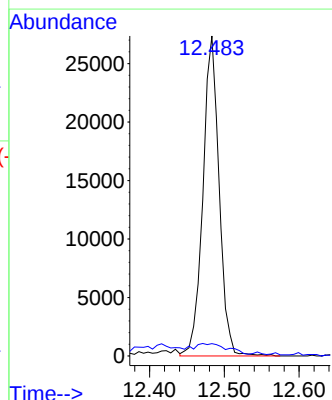
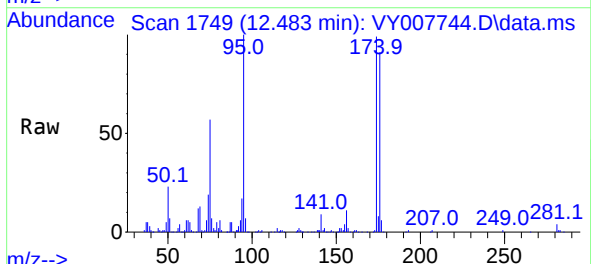
Instrument :
MSVOA_Y
ClientSampleId :

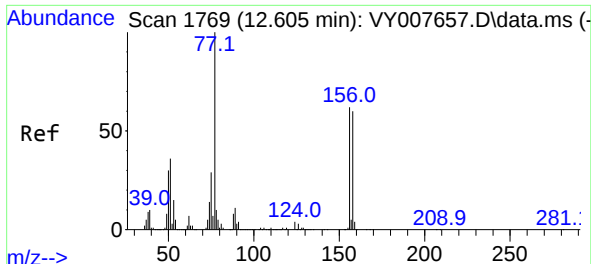
Tgt Ion:152 Resp: 82754
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 159.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 44.648 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

Tgt Ion: 75 Resp: 41262
Ion Ratio Lower Upper
75 100
77 7.0 0.0 0.0#

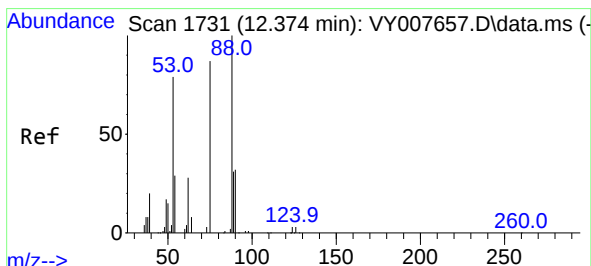
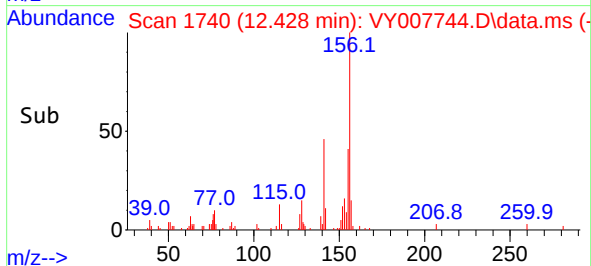
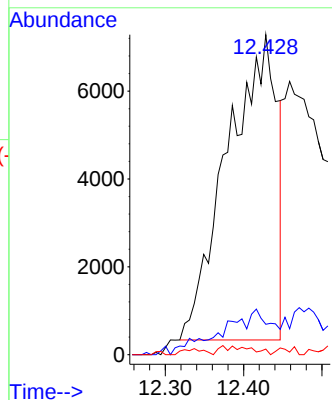
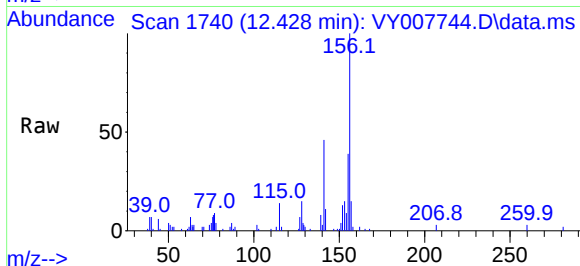




#77
Bromobenzene
Concen: 20.564 ug/l
RT: 12.428 min Scan# 1740
Delta R.T. -0.177 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

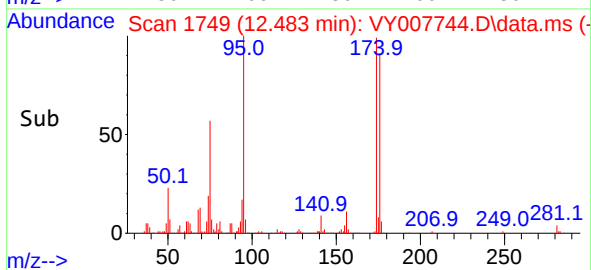
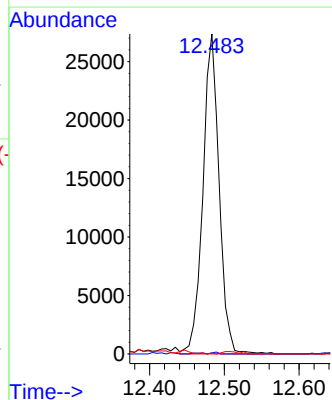
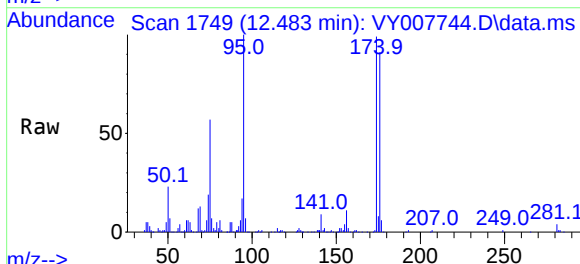
Instrument :
MSVOA_Y
ClientSampleId :

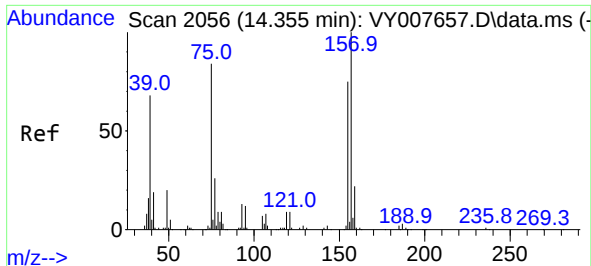
Tgt Ion:156 Resp: 30537
Ion Ratio Lower Upper
156 100
77 5.2 95.5 286.4#
158 0.0 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.277 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

Tgt Ion: 75 Resp: 41262
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.8 37.0 55.4#

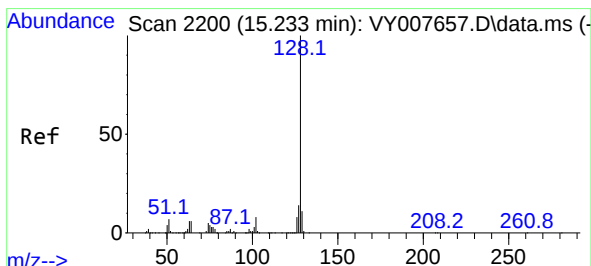
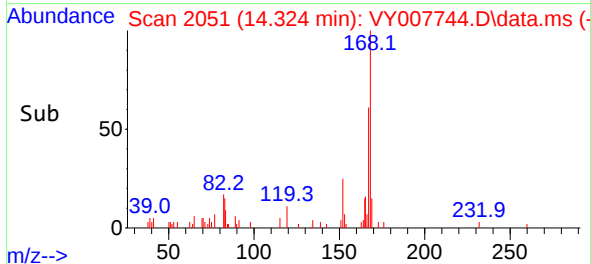
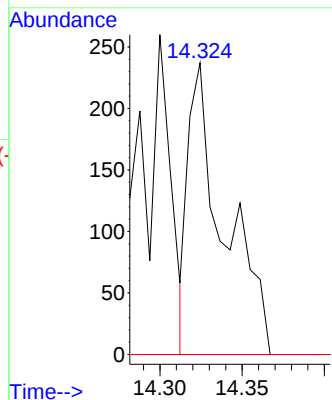
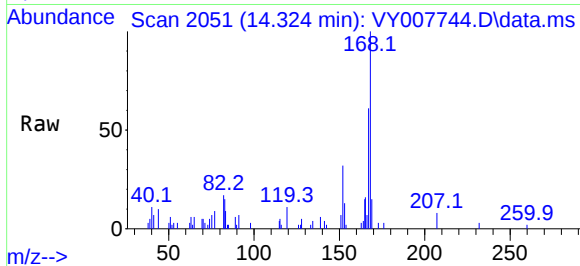




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.753 ug/l
RT: 14.324 min Scan# 2051
Delta R.T. -0.031 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 359
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#



#95
Naphthalene
Concen: 51.570 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007744.D
Acq: 04 Mar 2022 16:07

Tgt Ion:128 Resp: 174273
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 10.9 8.4 12.6

