

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008074.D
 Acq On : 28 Mar 2022 19:01
 Operator : SY/MD
 Sample : N2140-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHC

Quant Time: Mar 29 02:29:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

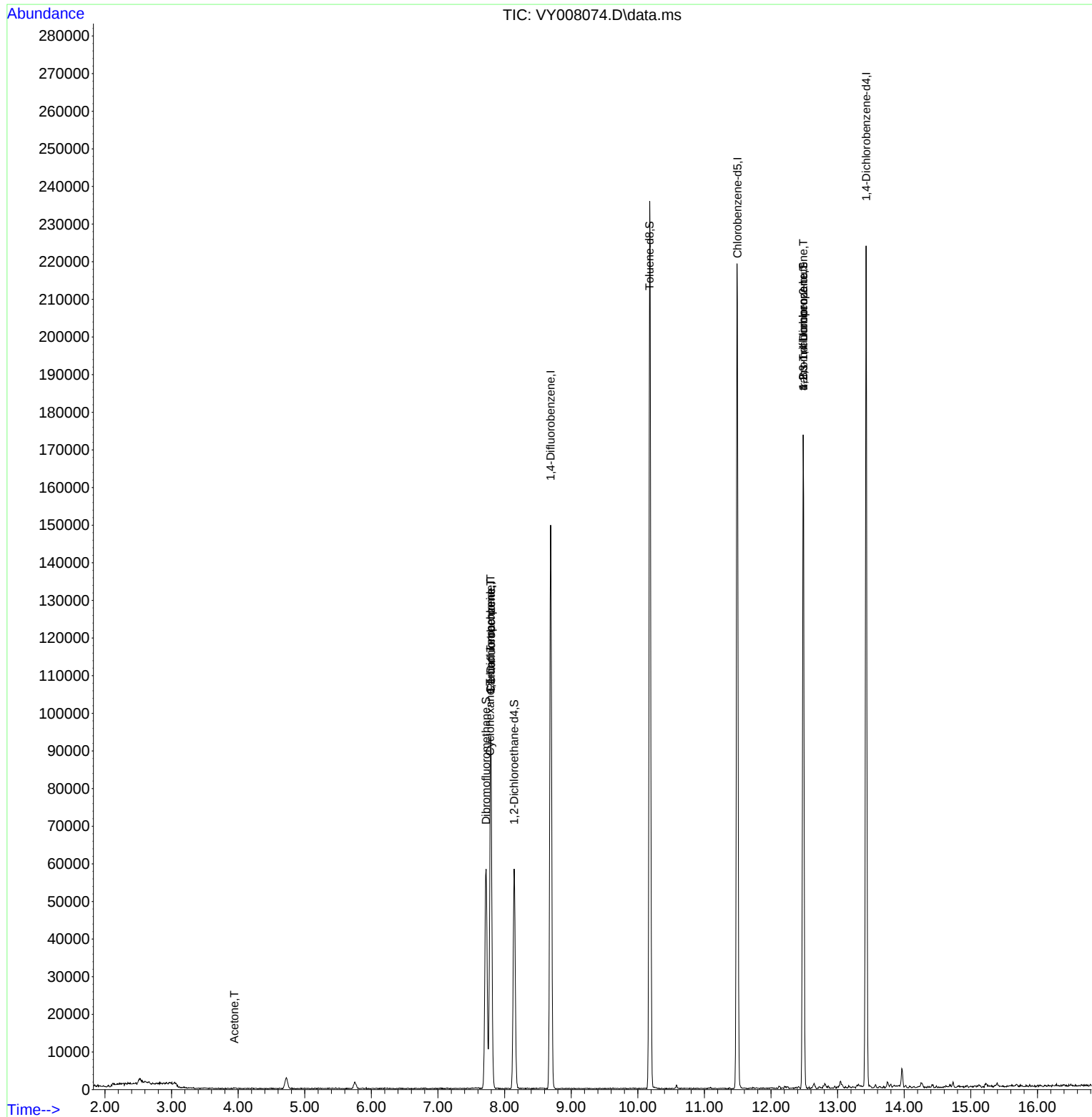
Internal Standards						
1) Pentafluorobenzene	7.795	168	73466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	127071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44222	59.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.000%	
35) Dibromofluoromethane	7.722	113	42625	50.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.000%	
50) Toluene-d8	10.179	98	160725	50.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.483	95	55942	49.867	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	387	2.297	ug/l #	47
18) Methyl Acetate	4.204	43	21	Below Cal	#	56
20) Methylene Chloride	4.716	84	2421	Below Cal	#	63
31) Cyclohexane	7.783	56	1434	1.041	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5793	4.370	ug/l #	51
38) Carbon Tetrachloride	7.789	117	7456	5.161	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	28943	43.552	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28943	97.171	ug/l #	7

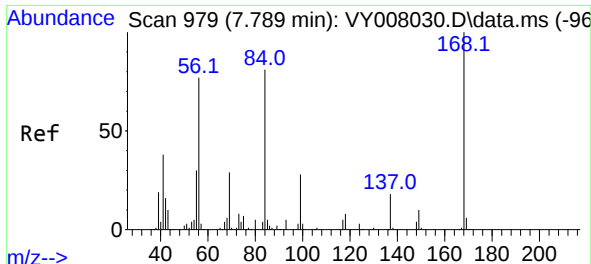
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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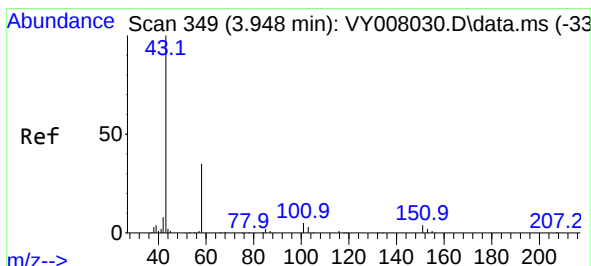
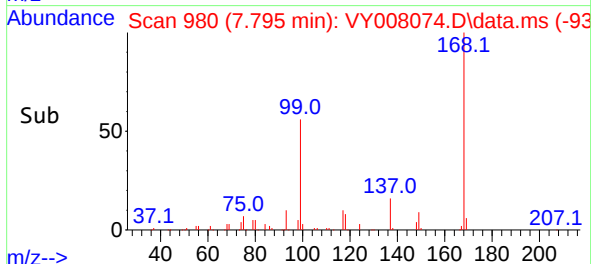
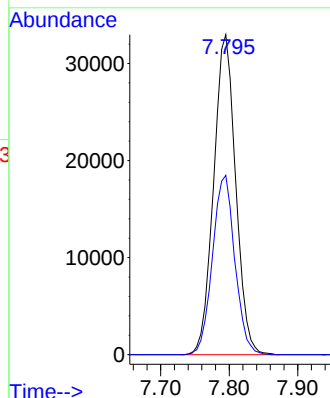
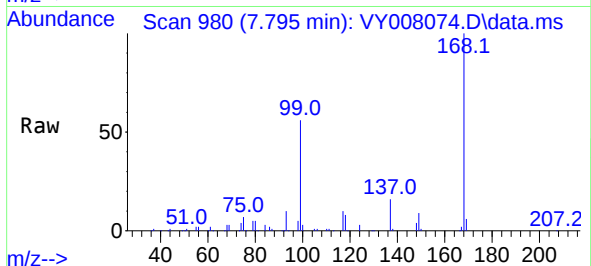




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

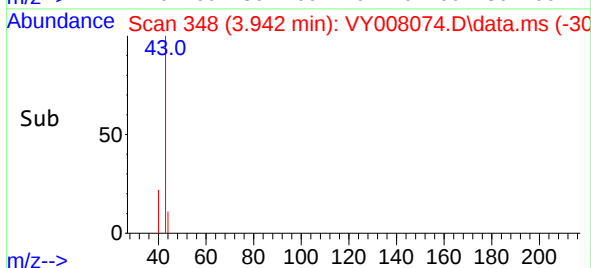
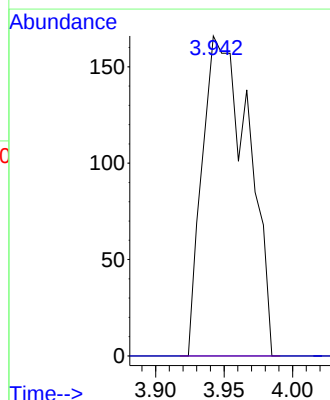
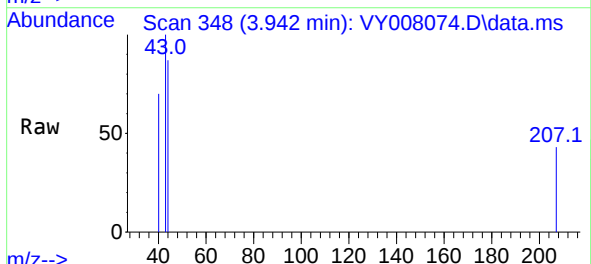
Instrument :
MSVOA_Y
ClientSampleId :
MHC

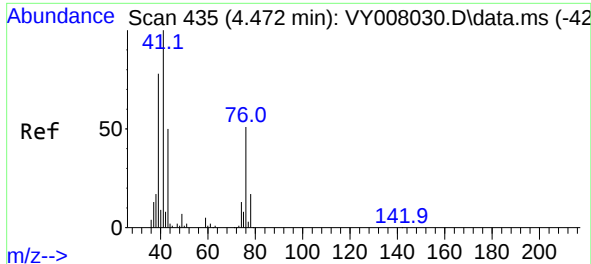
Tgt Ion:168 Resp: 73466
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#16
Acetone
Concen: 2.297 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.204 min Scan# 391

Delta R.T. -0.268 min

Lab File: VY008074.D

Acq: 28 Mar 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

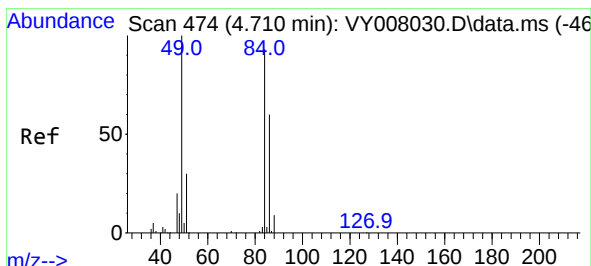
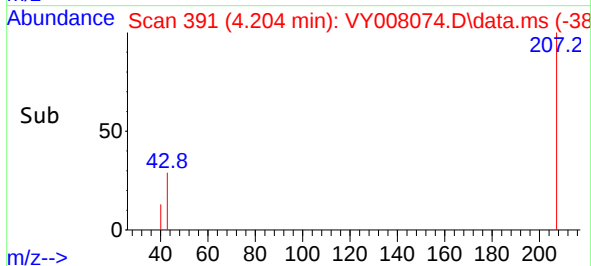
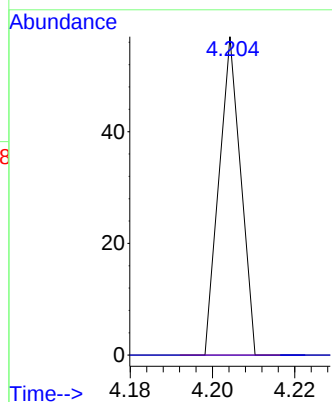
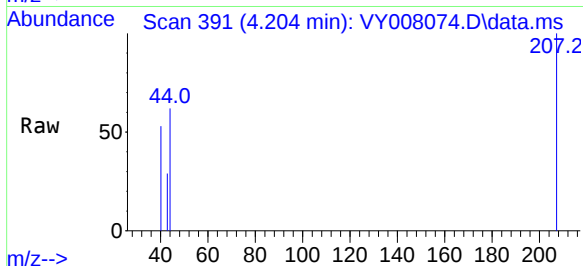
MHC

Tgt Ion: 43 Resp: 21

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008074.D

Acq: 28 Mar 2022 19:01

Tgt Ion: 84 Resp: 2421

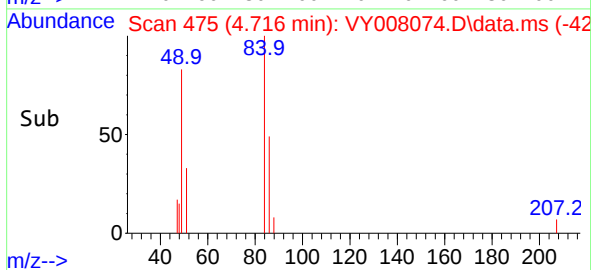
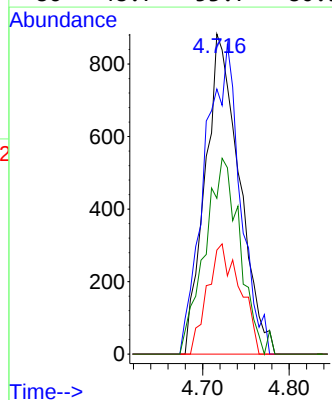
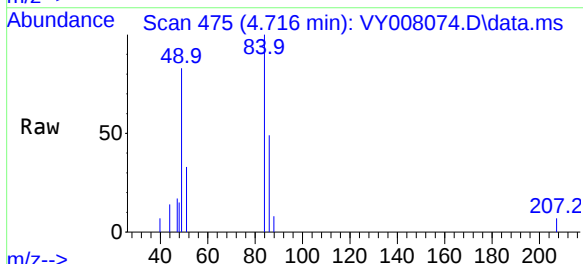
Ion Ratio Lower Upper

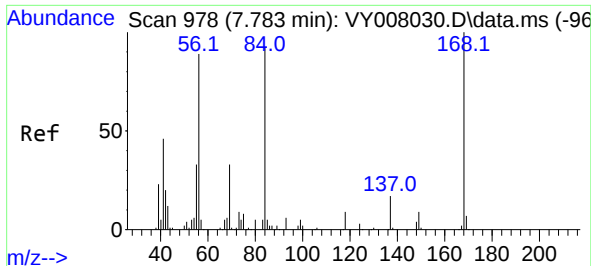
84 100

49 82.8 114.4 171.6#

51 32.5 35.3 52.9#

86 48.7 53.7 80.5#

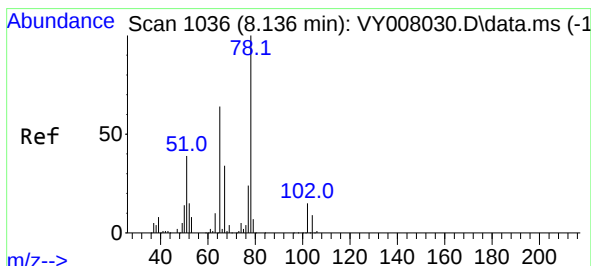
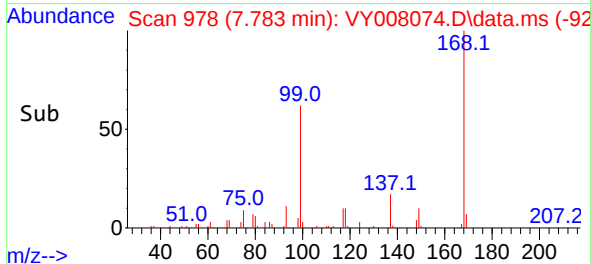
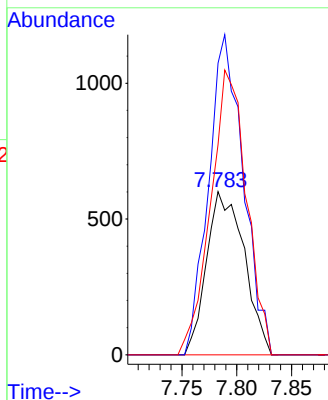
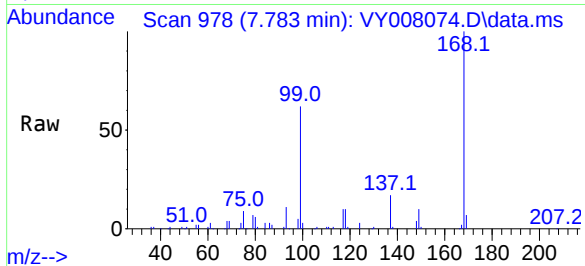




#31
Cyclohexane
Concen: 1.041 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

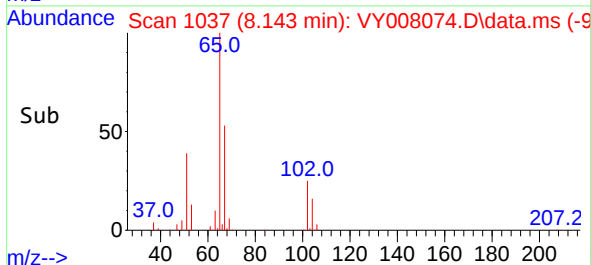
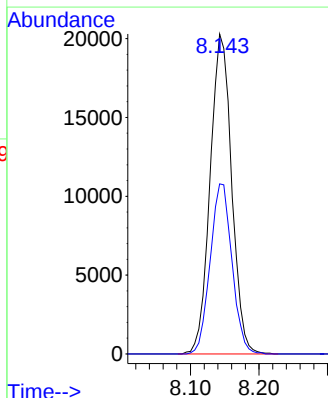
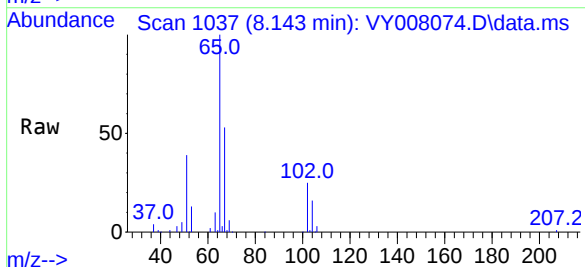
Instrument :
MSVOA_Y
ClientSampleId :
MHC

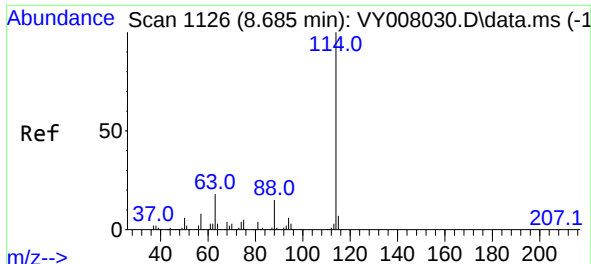
Tgt Ion: 56 Resp: 1434
Ion Ratio Lower Upper
56 100
69 178.7 26.7 40.1#
84 128.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.996 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

Tgt Ion: 65 Resp: 44222
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008074.D

Acq: 28 Mar 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

MHC

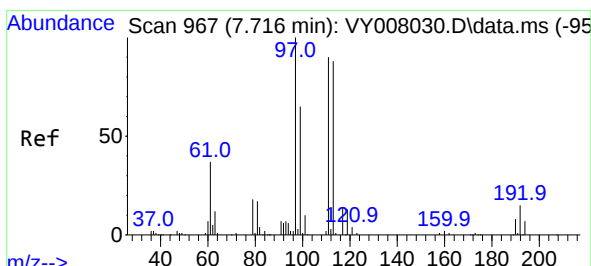
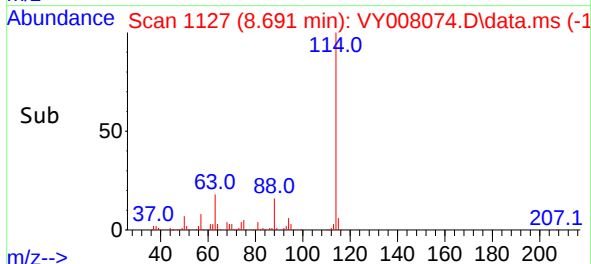
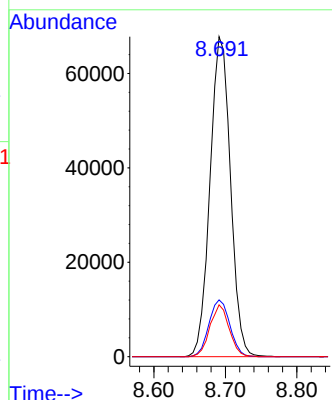
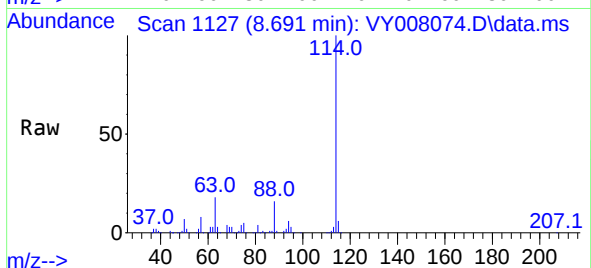
Tgt Ion:114 Resp: 134613

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.504 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008074.D

Acq: 28 Mar 2022 19:01

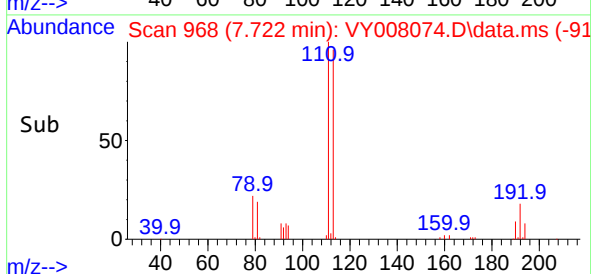
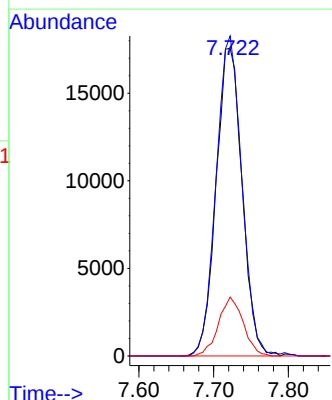
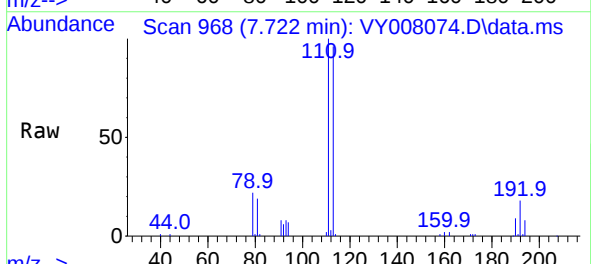
Tgt Ion:113 Resp: 42625

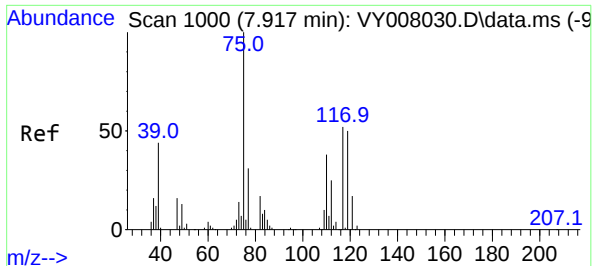
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 18.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.370 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008074.D

Acq: 28 Mar 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

MHC

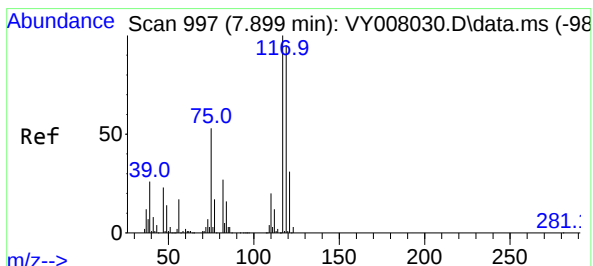
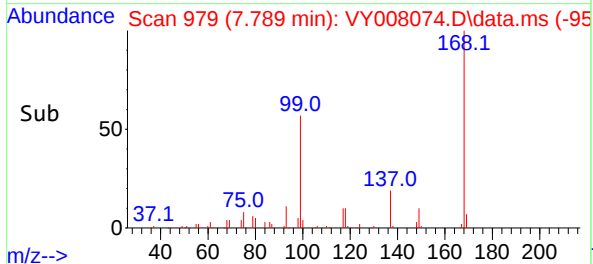
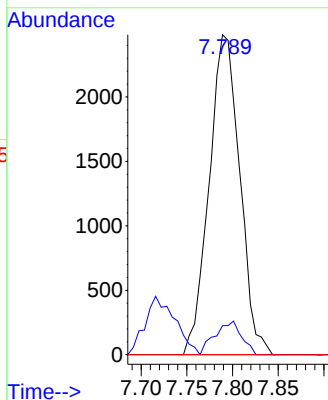
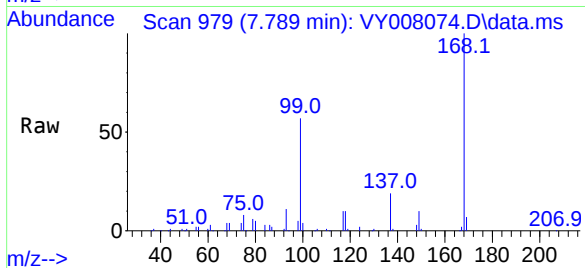
Tgt Ion: 75 Resp: 5793

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.161 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008074.D

Acq: 28 Mar 2022 19:01

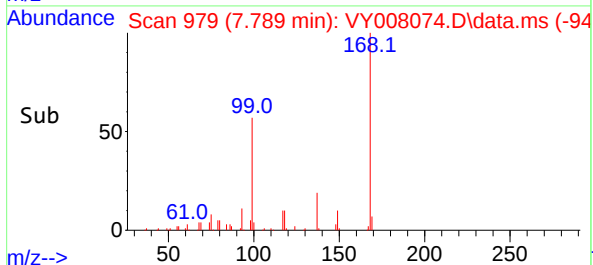
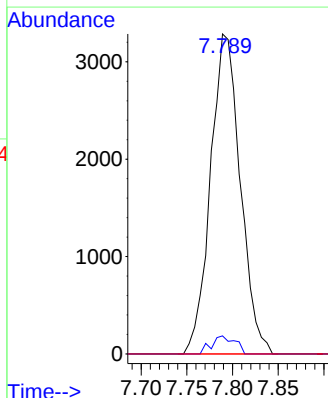
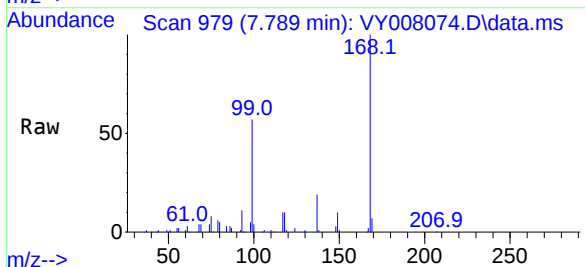
Tgt Ion: 117 Resp: 7456

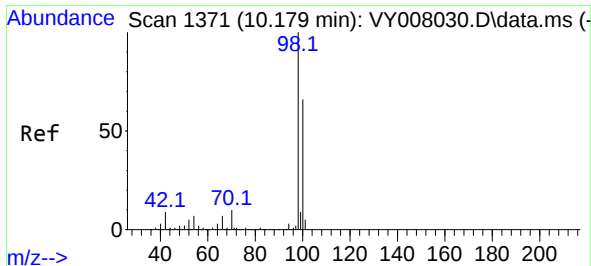
Ion Ratio Lower Upper

117 100

119 5.7 77.9 116.9#

121 0.0 24.8 37.2#

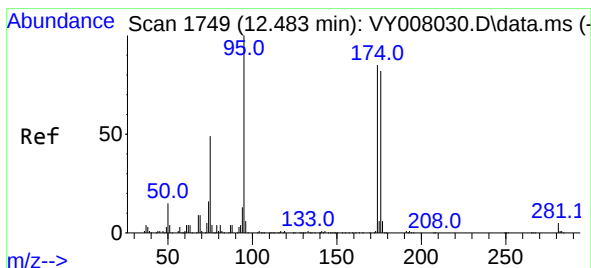
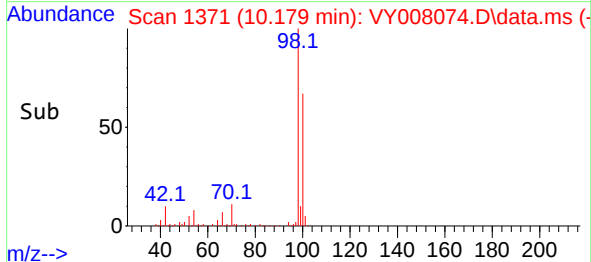
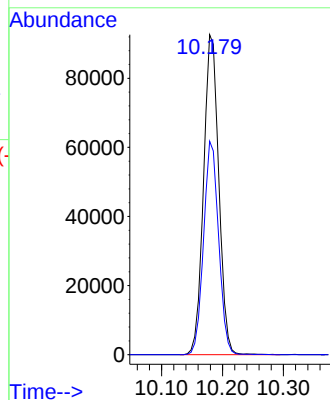
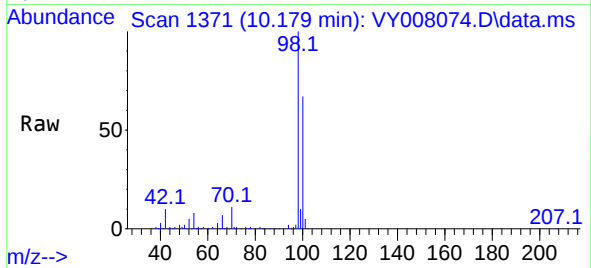




#50
Toluene-d8
Concen: 50.547 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

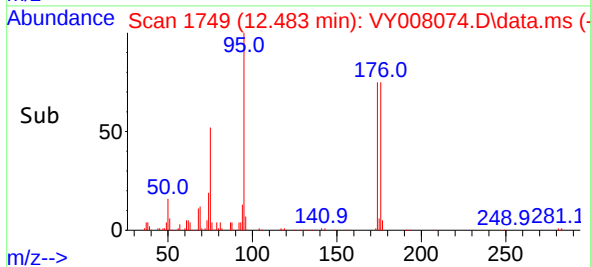
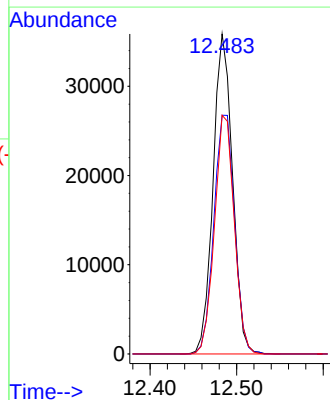
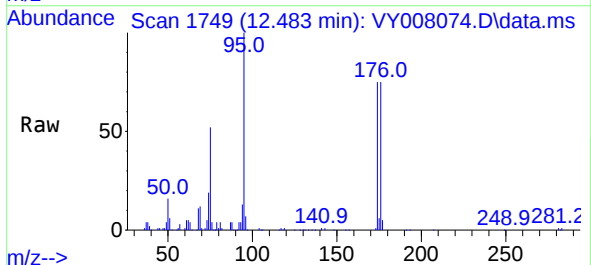
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MHC

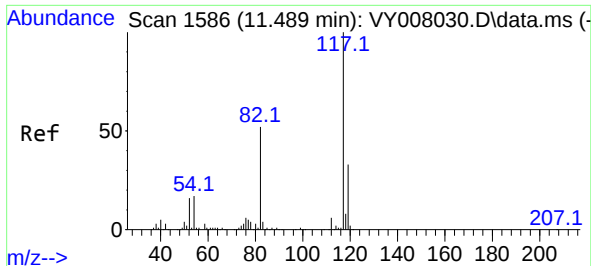
Tgt Ion: 98 Resp: 160725
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.867 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

Tgt Ion: 95 Resp: 55942
Ion Ratio Lower Upper
95 100
174 79.3 0.0 177.0
176 75.9 0.0 175.8

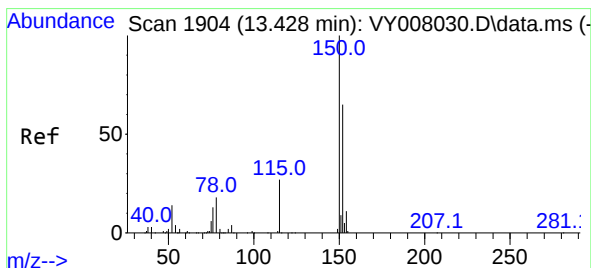
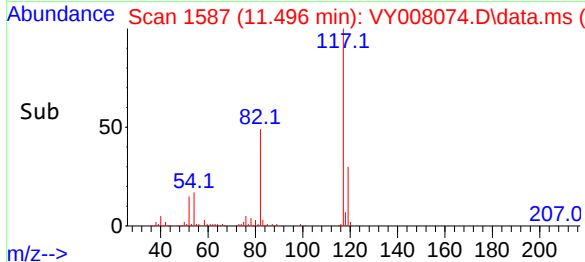
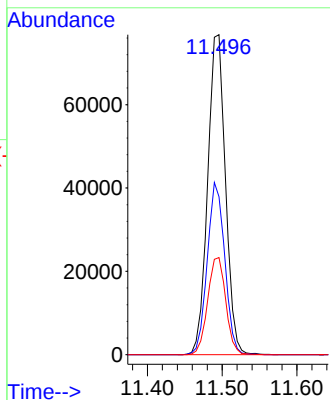
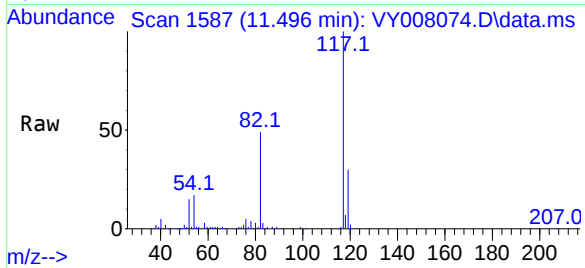




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

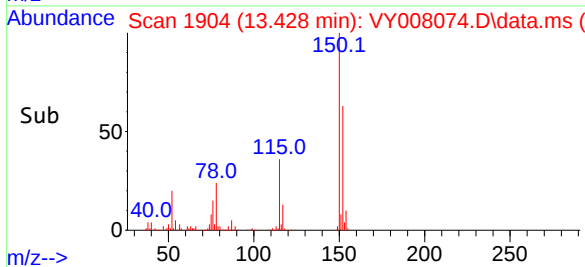
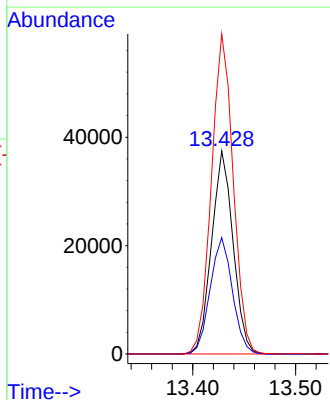
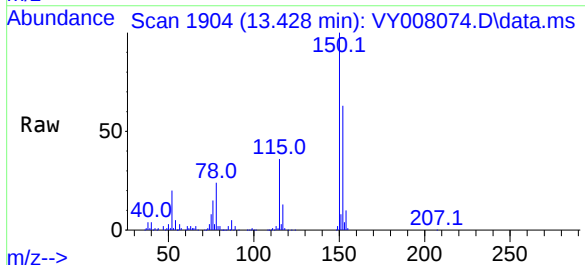
Instrument :
MSVOA_Y
ClientSampleId :
MHC

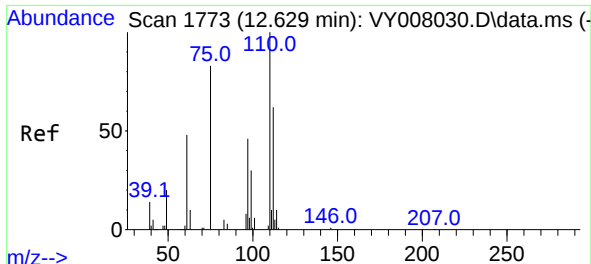
Tgt Ion:117 Resp: 127071
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 30.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

Tgt Ion:152 Resp: 54517
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 159.4 0.0 347.6

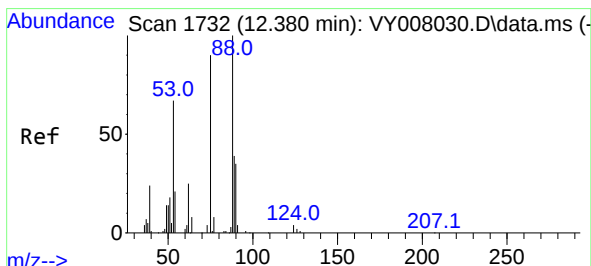
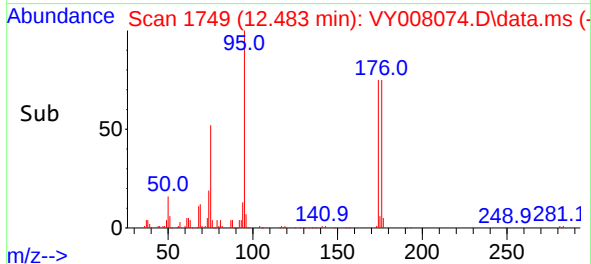
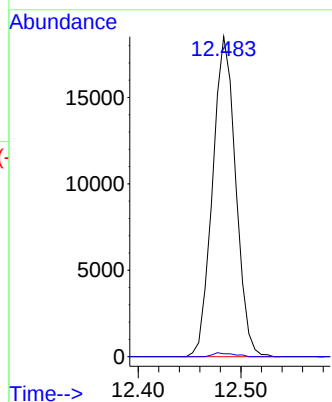
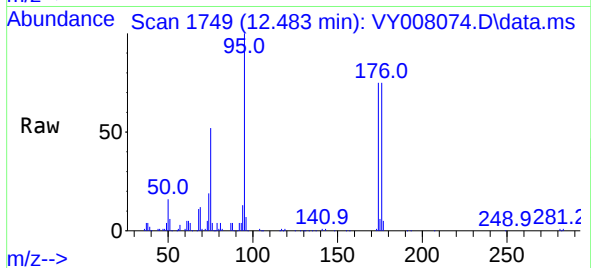




#76
1,2,3-Trichloropropane
Concen: 43.552 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

Instrument :
MSVOA_Y
ClientSampleId :
MHC

Tgt Ion: 75 Resp: 28943
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.171 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

Tgt Ion: 75 Resp: 28943
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.3 37.0 55.4#

