

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008685.D
 Acq On : 10 May 2022 17:20
 Operator : KP/MD
 Sample : N2712-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: May 11 04:32:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

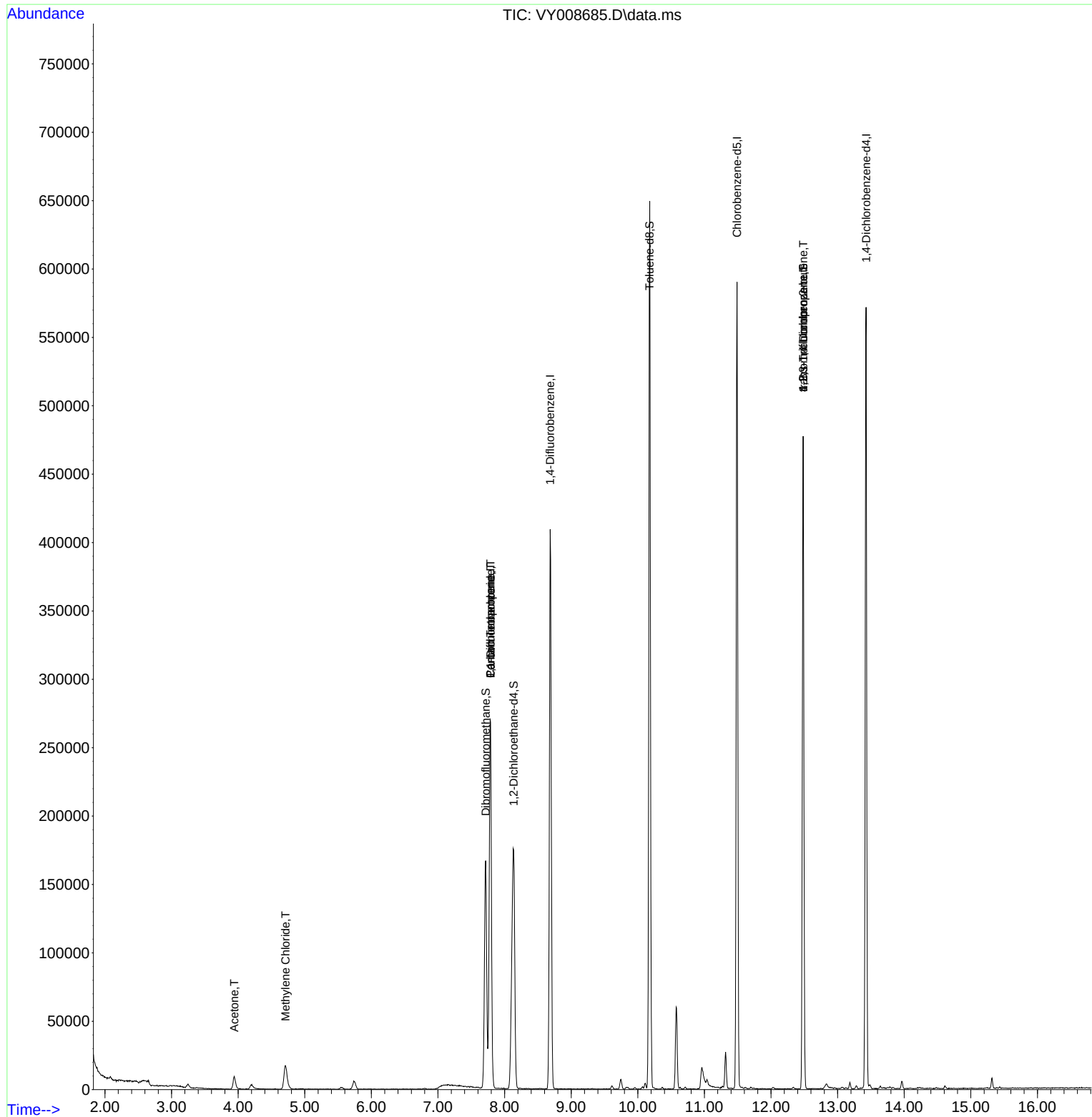
Internal Standards						
1) Pentafluorobenzene	7.789	168	233188	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	382461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	347183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106254	53.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.360%	
35) Dibromofluoromethane	7.716	113	118507	50.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.560%	
50) Toluene-d8	10.179	98	440203	53.001	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	12.483	95	139198	46.584	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	315	Below Cal	#	77
16) Acetone	3.942	43	15103	32.039	ug/l	# 82
18) Methyl Acetate	4.686	43	310	Below Cal	#	56
20) Methylene Chloride	4.710	84	15119	5.281	ug/l	# 73
36) 1,1-Dichloropropene	7.789	75	15776	4.166	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	20788	5.428	ug/l	# 14
76) 1,2,3-Trichloropropane	12.483	75	66054	36.818	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	66054	73.252	ug/l	# 7

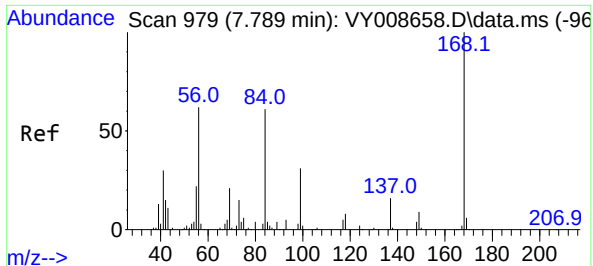
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

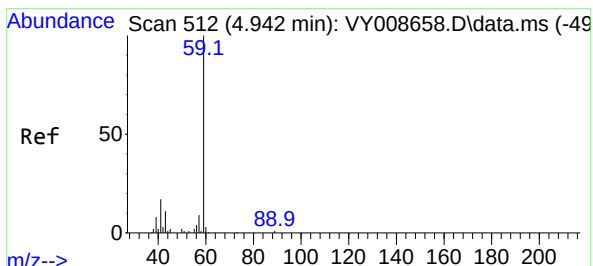
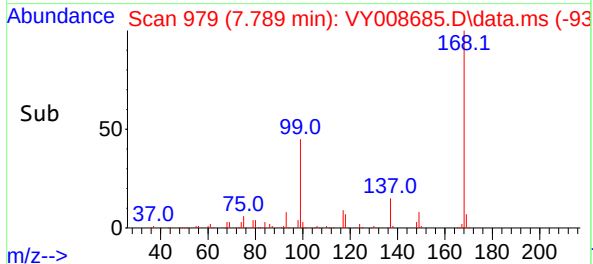
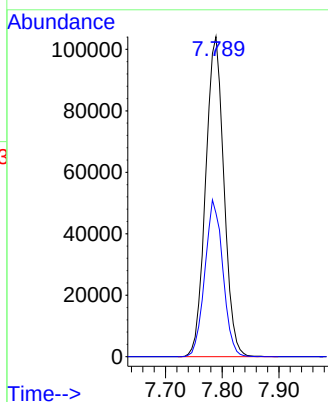
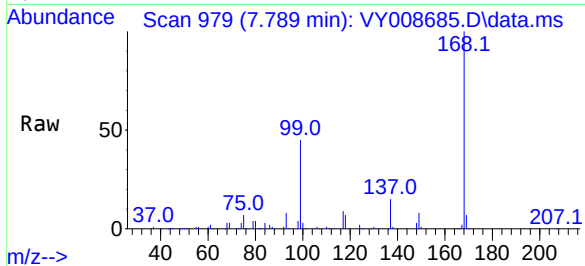




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

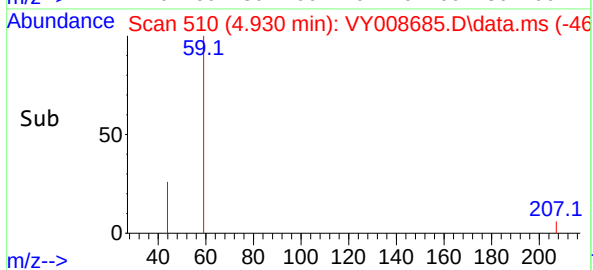
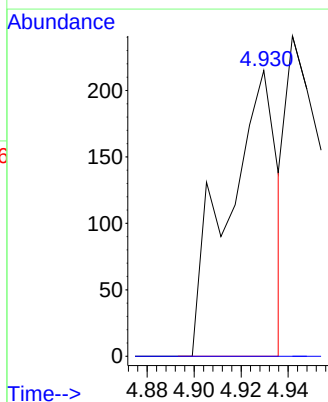
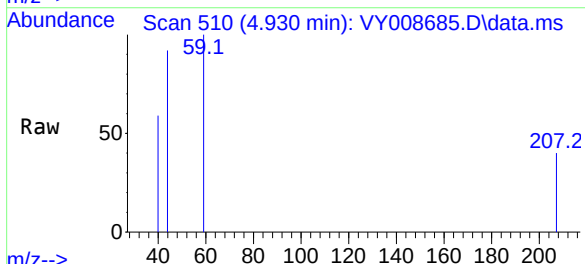
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

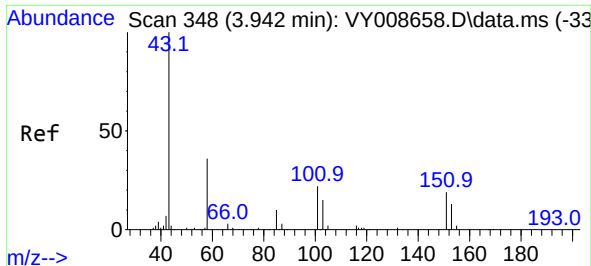
Tgt Ion:168 Resp: 233188
Ion Ratio Lower Upper
168 100
99 44.8 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

Tgt Ion: 59 Resp: 315
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

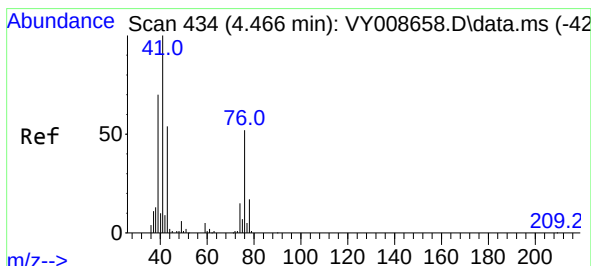
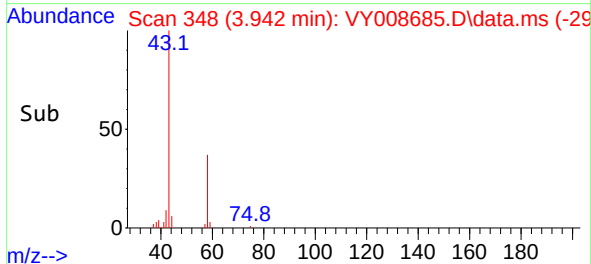
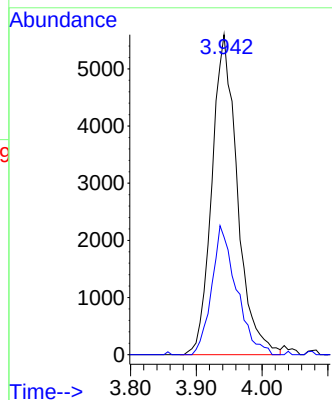
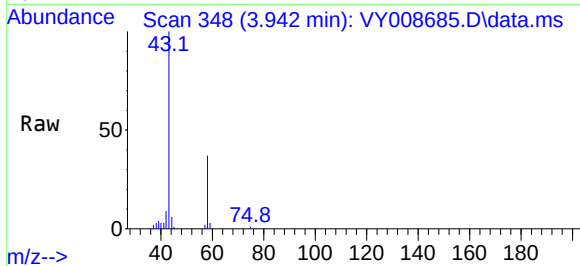




#16
Acetone
Concen: 32.039 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

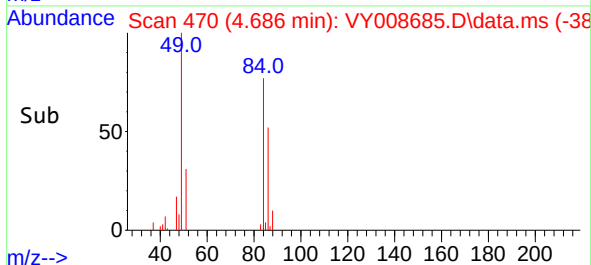
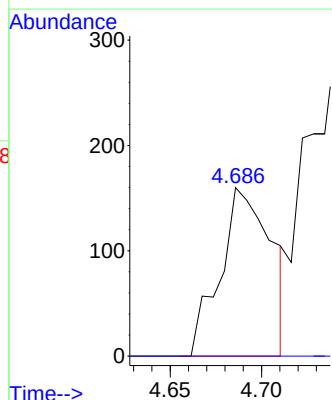
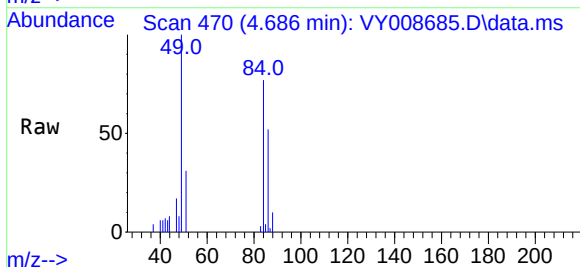
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

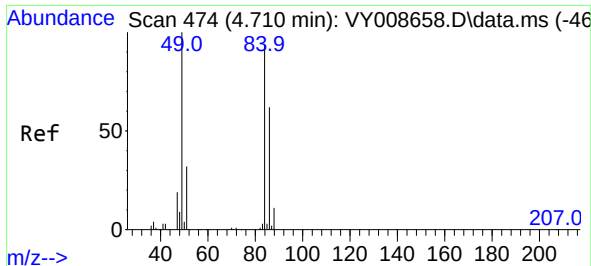
Tgt Ion: 43 Resp: 15103
Ion Ratio Lower Upper
43 100
58 36.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.686 min Scan# 470
Delta R.T. 0.220 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

Tgt Ion: 43 Resp: 310
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

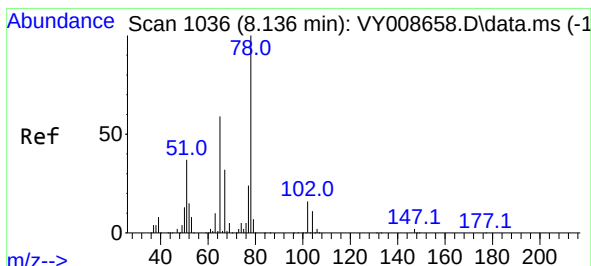
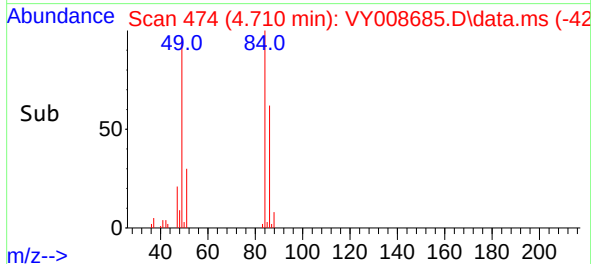
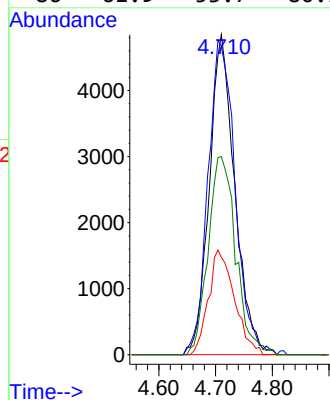
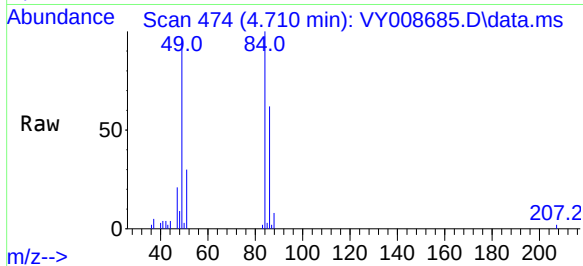




#20
Methylene Chloride
Concen: 5.281 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

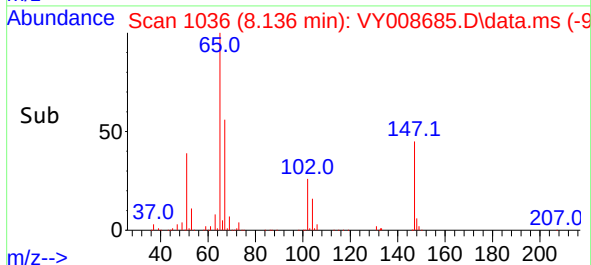
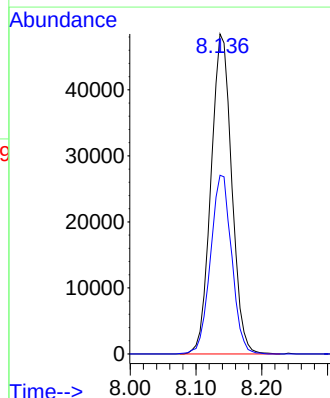
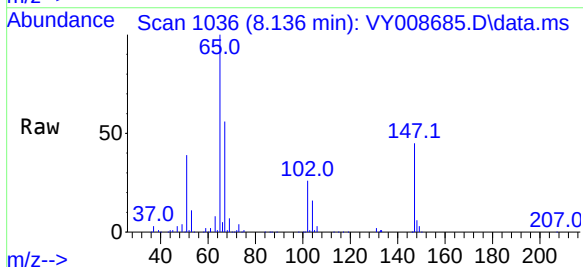
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

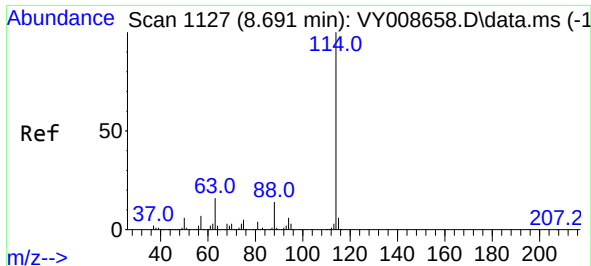
Tgt Ion: 84 Resp: 15119
Ion Ratio Lower Upper
84 100
49 96.4 114.4 171.6#
51 30.5 35.3 52.9#
86 61.9 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 53.178 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

Tgt Ion: 65 Resp: 106254
Ion Ratio Lower Upper
65 100
67 57.1 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: VY008685.D

Acq: 10 May 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

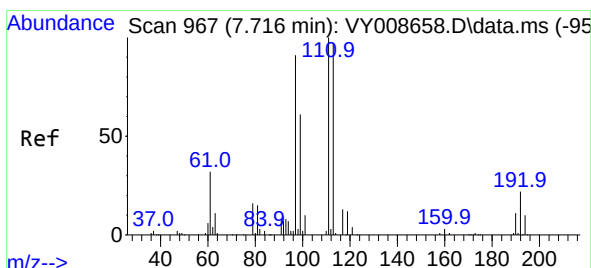
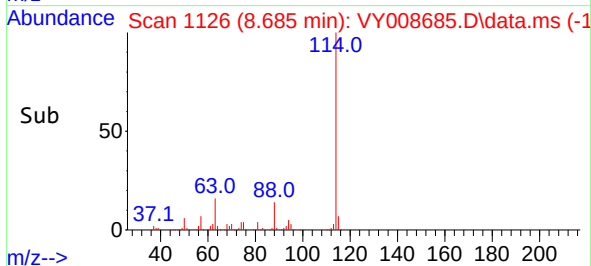
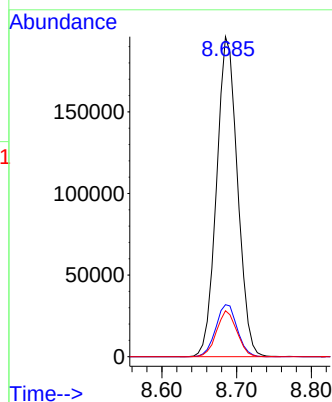
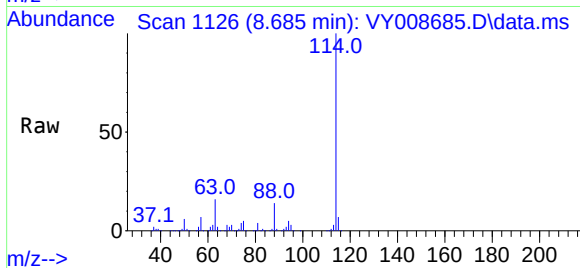
Tgt Ion:114 Resp: 382461

Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.281 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008685.D

Acq: 10 May 2022 17:20

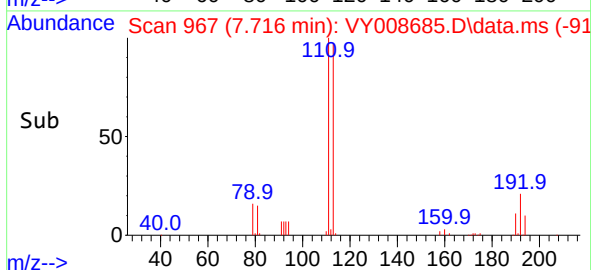
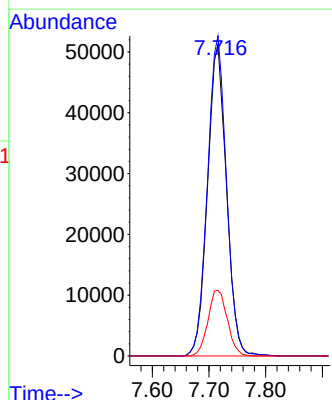
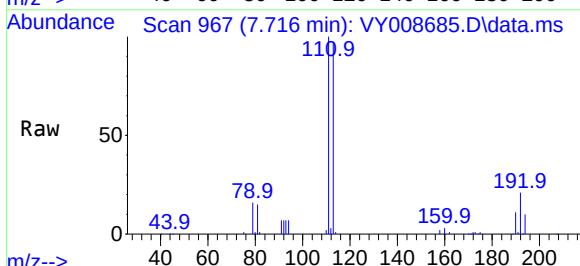
Tgt Ion:113 Resp: 118507

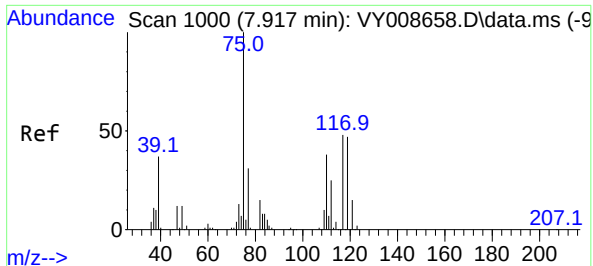
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 21.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.166 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008685.D

Acq: 10 May 2022 17:20

Instrument :

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ClientSampleId :

TP-3

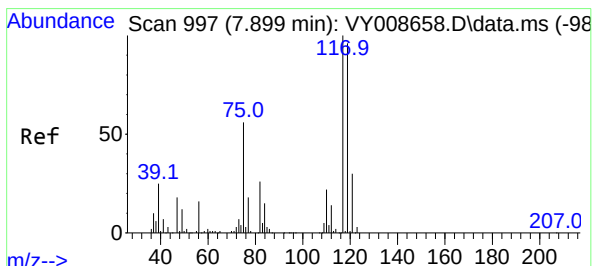
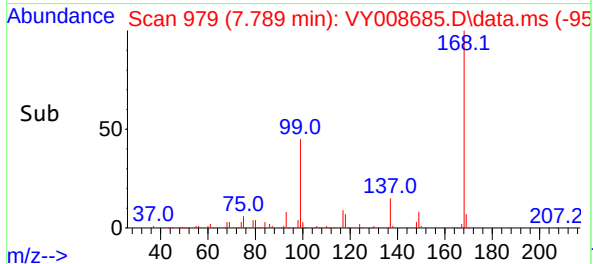
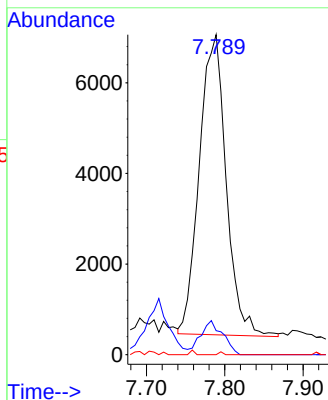
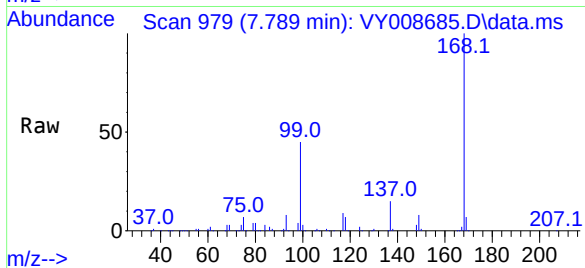
Tgt Ion: 75 Resp: 15776

Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

77 0.2 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.428 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008685.D

Acq: 10 May 2022 17:20

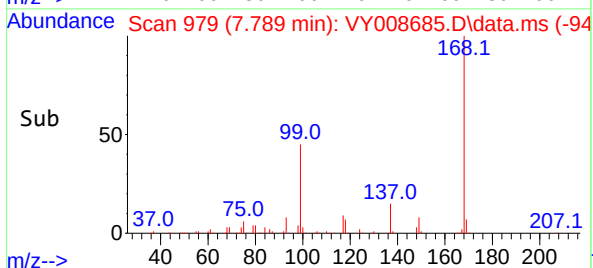
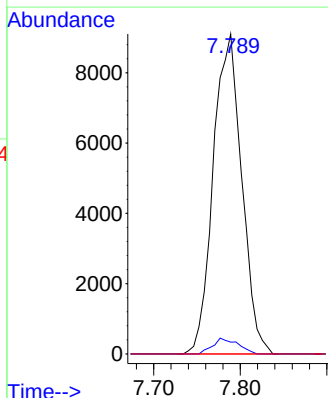
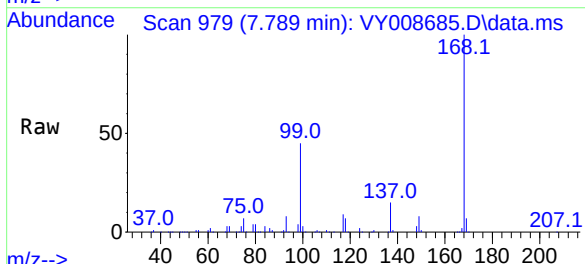
Tgt Ion: 117 Resp: 20788

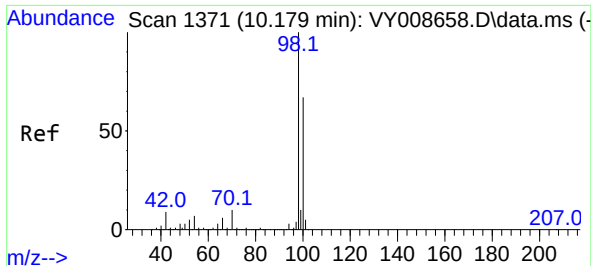
Ion Ratio Lower Upper

117 100

119 3.7 77.9 116.9#

121 0.0 24.8 37.2#

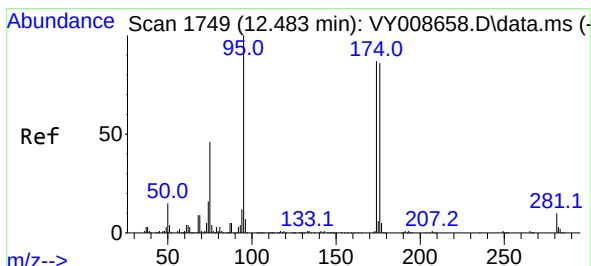
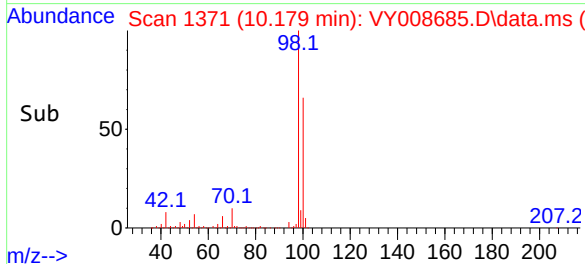
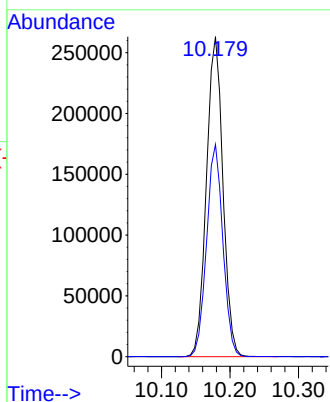
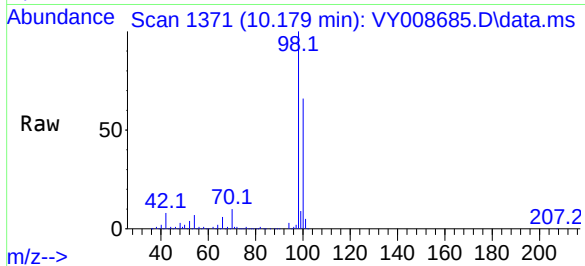




#50
Toluene-d8
Concen: 53.001 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

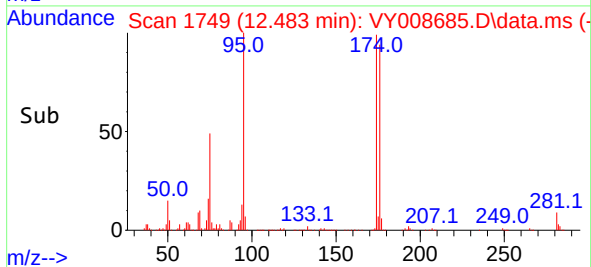
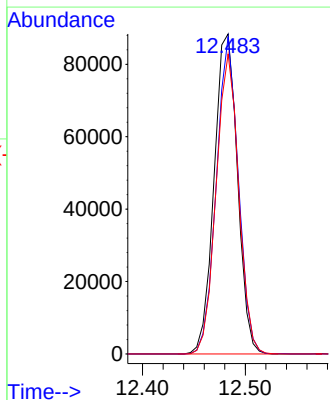
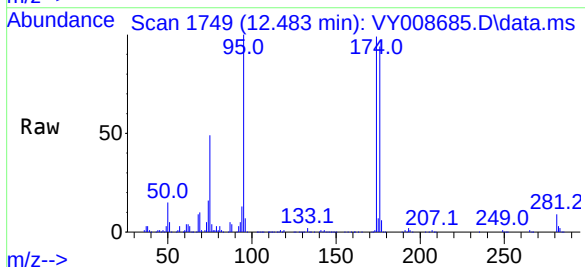
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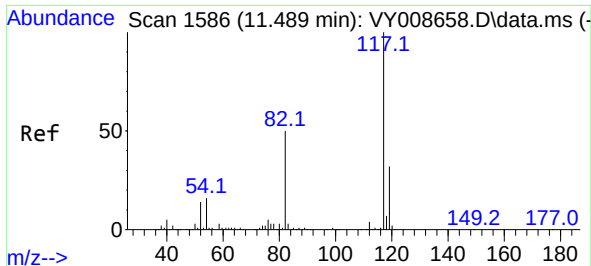
Tgt Ion: 98 Resp: 440203
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.584 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

Tgt Ion: 95 Resp: 139198
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.0
176 90.5 0.0 175.8

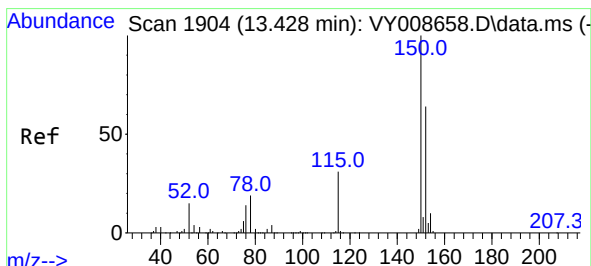
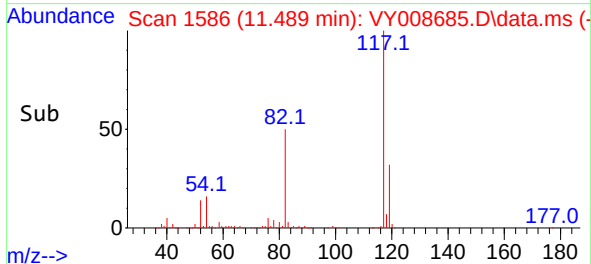
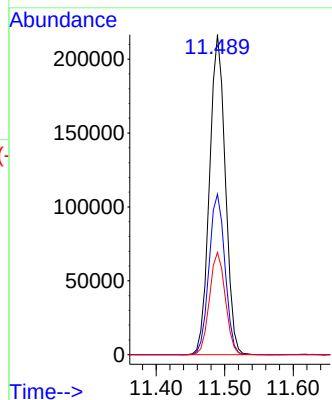
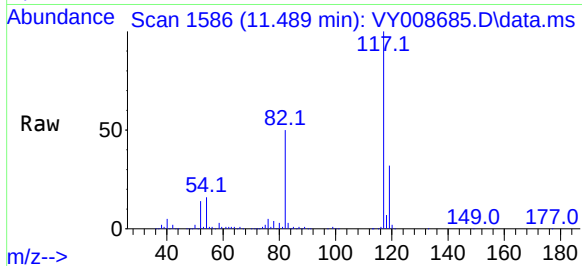




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

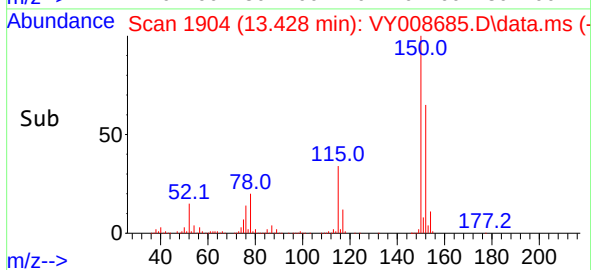
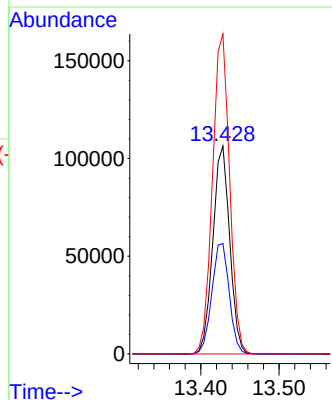
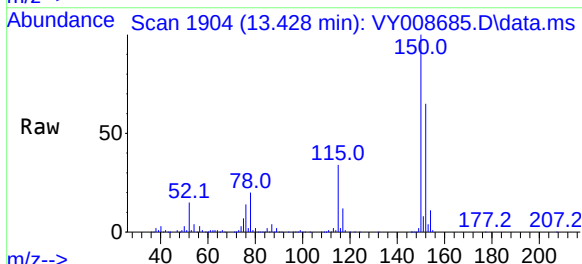
Instrument :
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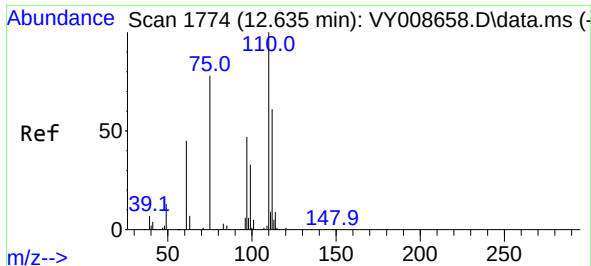
Tgt Ion:117 Resp: 347183
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

Tgt Ion:152 Resp: 159150
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 156.4 0.0 347.6

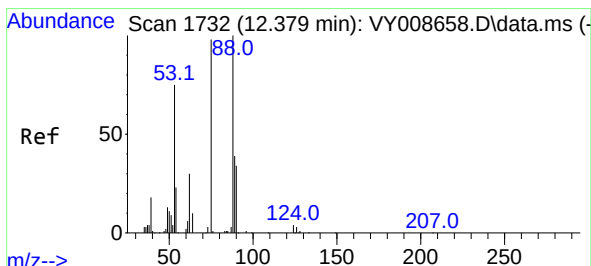
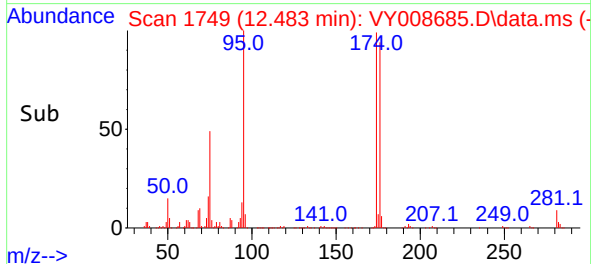
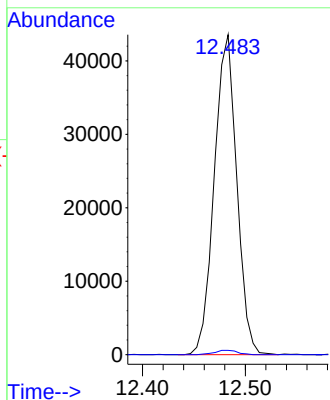
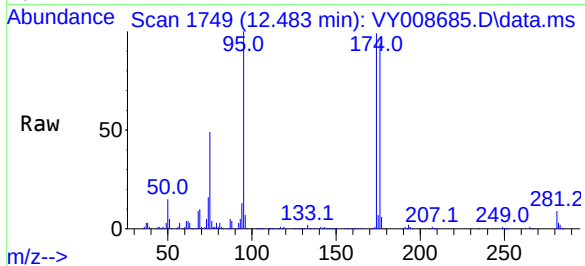




#76
1,2,3-Trichloropropane
Concen: 36.818 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion: 75 Resp: 66054
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.252 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008685.D
Acq: 10 May 2022 17:20

Tgt Ion: 75 Resp: 66054
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

