

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008681.D
 Acq On : 10 May 2022 15:19
 Operator : KP/MD
 Sample : N2712-09
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: May 11 04:31:41 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)

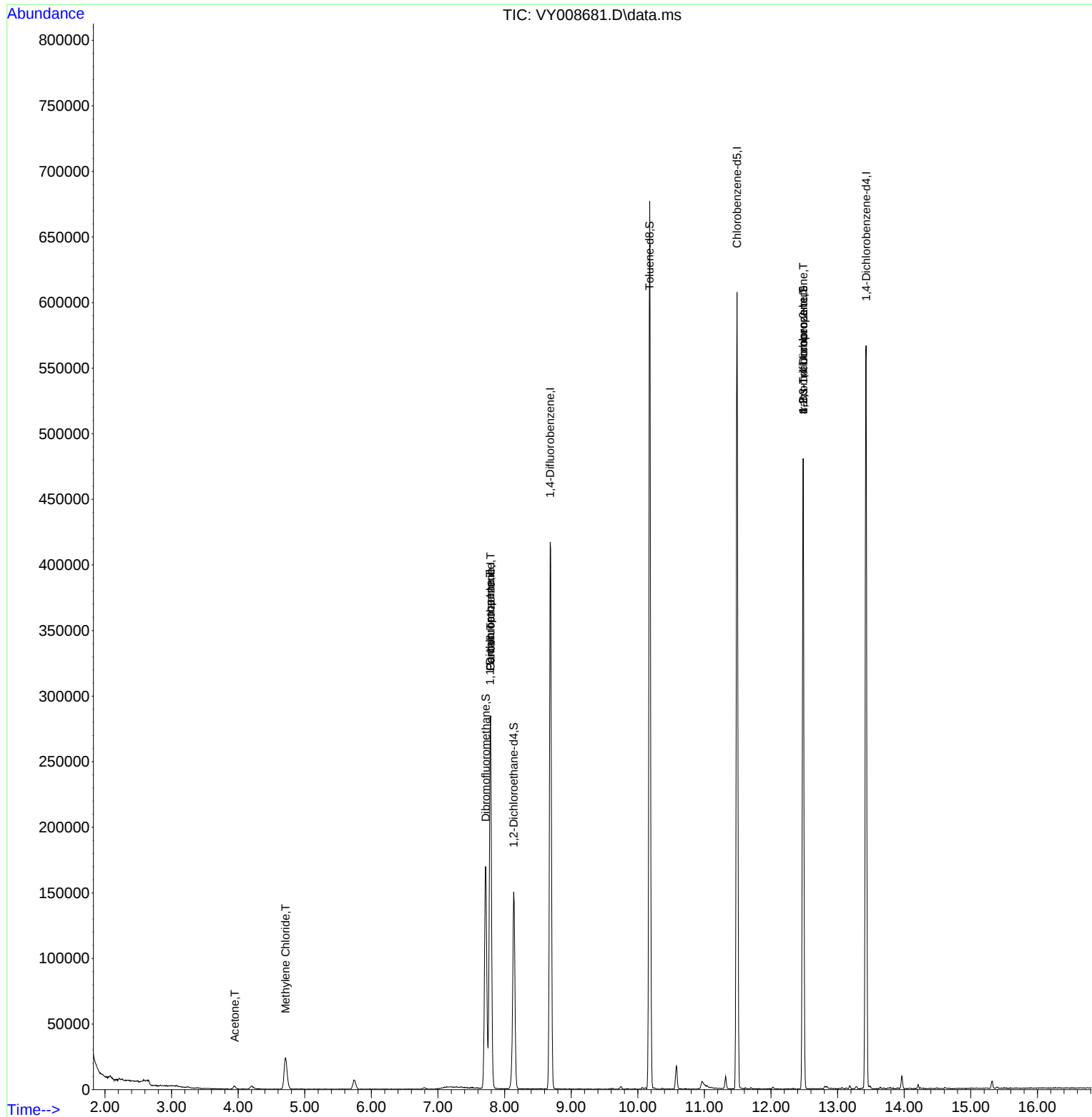
Internal Standards						
1) Pentafluorobenzene	7.789	168	240870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	394207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	356603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106985	51.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.716	113	124421	51.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.440%	
50) Toluene-d8	10.179	98	453165	52.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.880%	
62) 4-Bromofluorobenzene	12.483	95	144897	47.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	230	Below Cal	#	77
16) Acetone	3.948	43	4123	8.467	ug/l #	84
18) Methyl Acetate	4.485	43	28	Below Cal	#	56
20) Methylene Chloride	4.710	84	21282	7.197	ug/l #	78
36) 1,1-Dichloropropene	7.783	75	15184	3.890	ug/l #	51
38) Carbon Tetrachloride	7.789	117	21806	5.524	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	68613	37.632	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68613	74.871	ug/l #	7

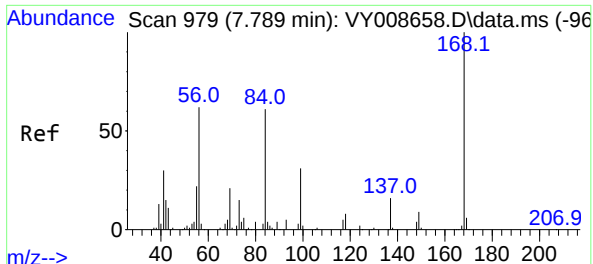
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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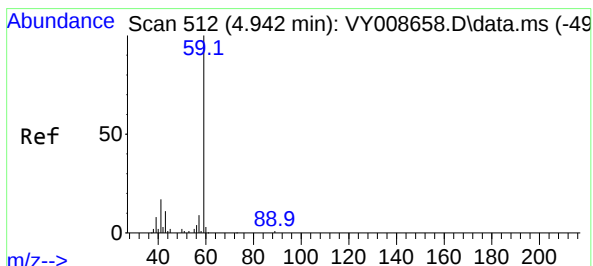
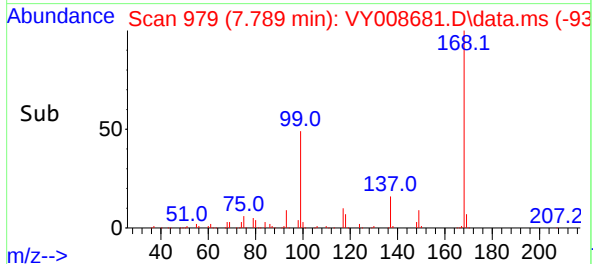
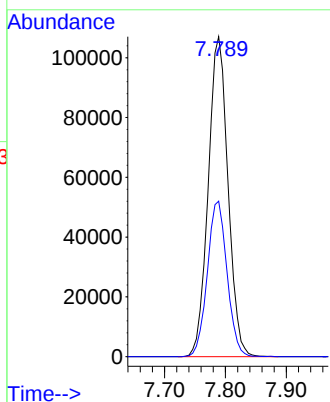
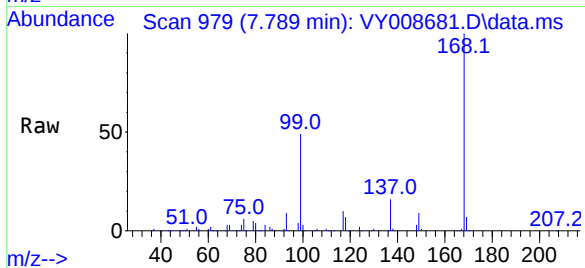




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

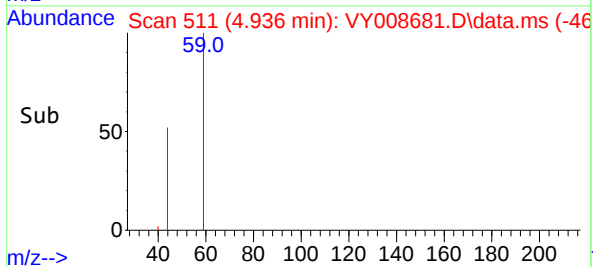
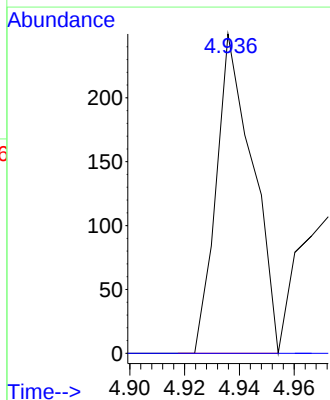
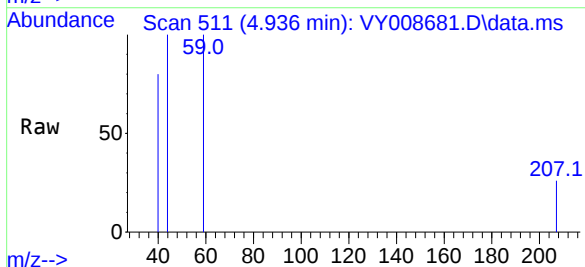
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

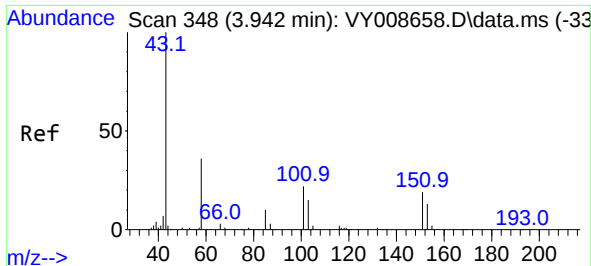
Tgt Ion:168 Resp: 240870
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

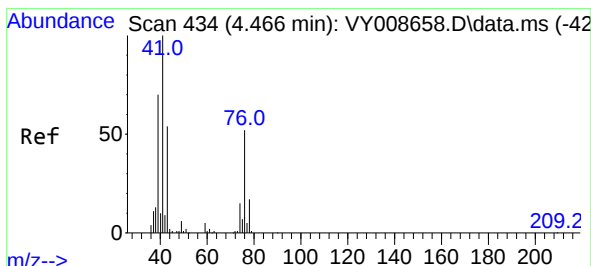
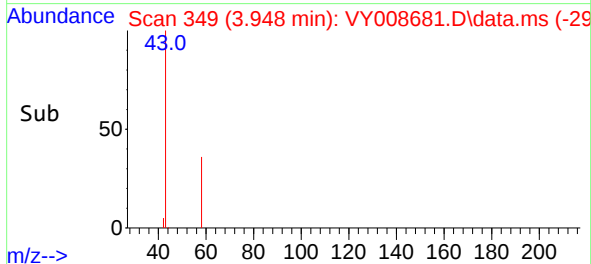
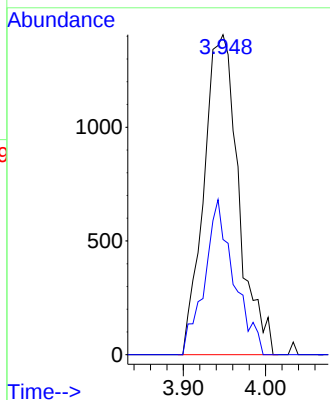
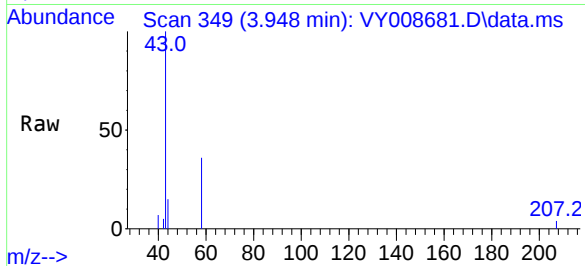




#16
Acetone
Concen: 8.467 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

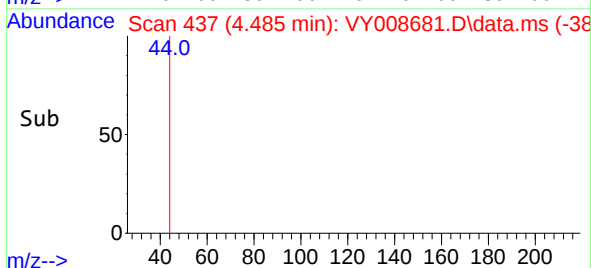
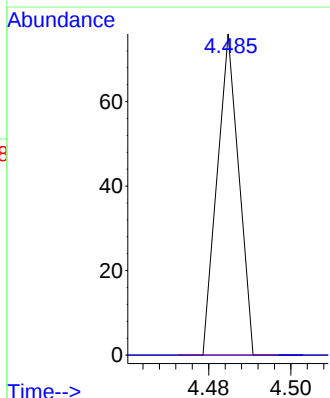
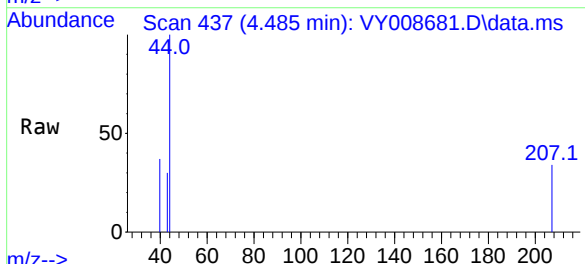
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

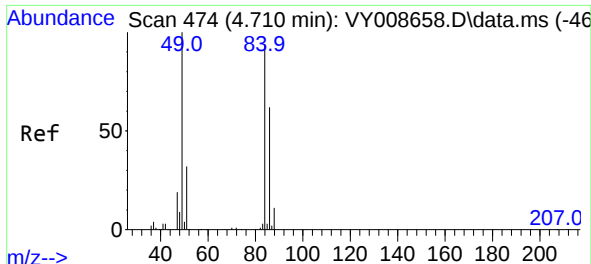
Tgt Ion: 43 Resp: 4123
Ion Ratio Lower Upper
43 100
58 36.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

Tgt Ion: 43 Resp: 28
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

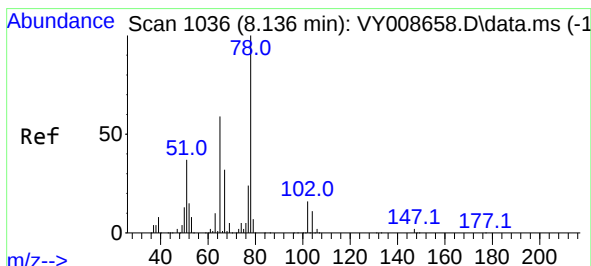
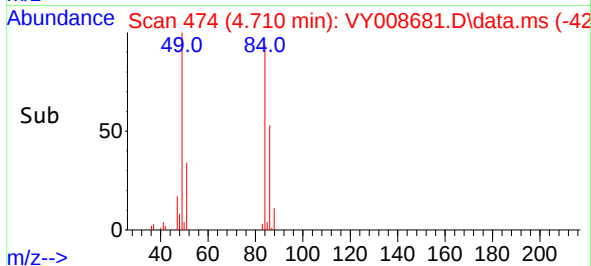
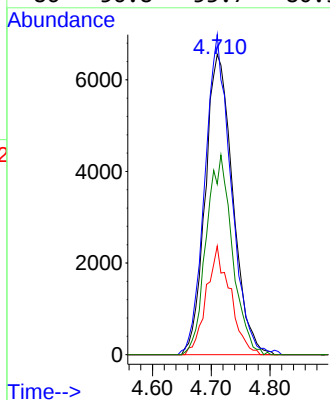
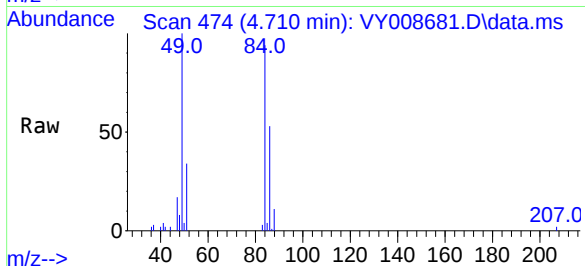




#20
Methylene Chloride
Concen: 7.197 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

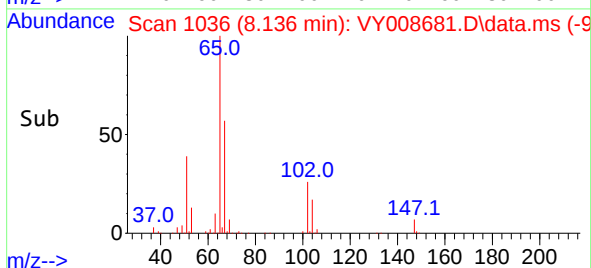
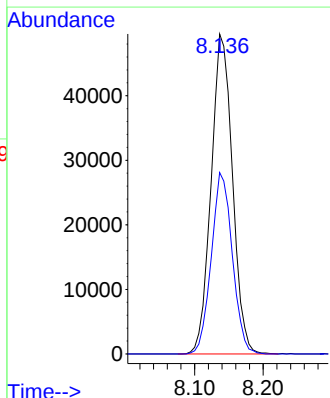
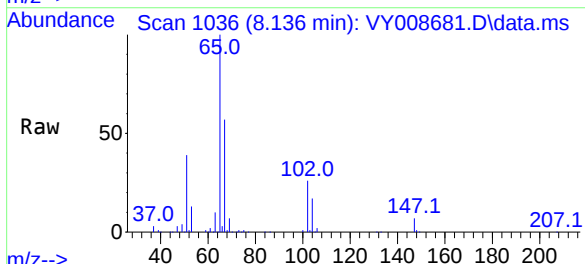
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

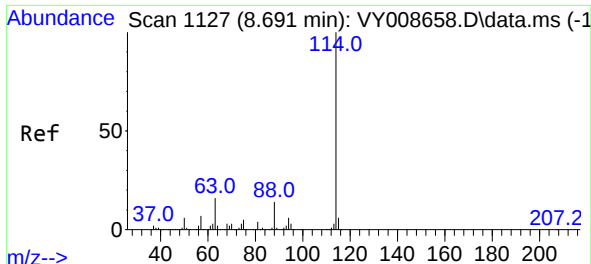
Tgt Ion: 84 Resp: 21282
Ion Ratio Lower Upper
84 100
49 106.6 114.4 171.6#
51 36.2 35.3 52.9
86 56.8 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 51.836 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

Tgt Ion: 65 Resp: 106985
Ion Ratio Lower Upper
65 100
67 55.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008681.D

Acq: 10 May 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

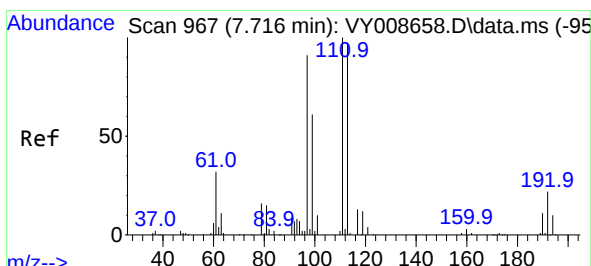
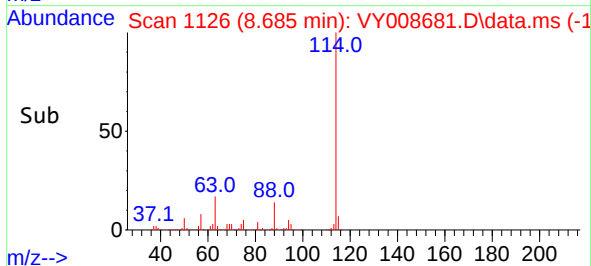
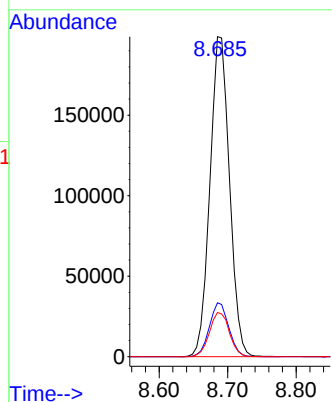
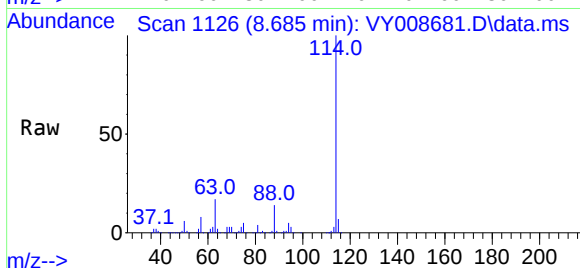
Tgt Ion:114 Resp: 394207

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.217 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008681.D

Acq: 10 May 2022 15:19

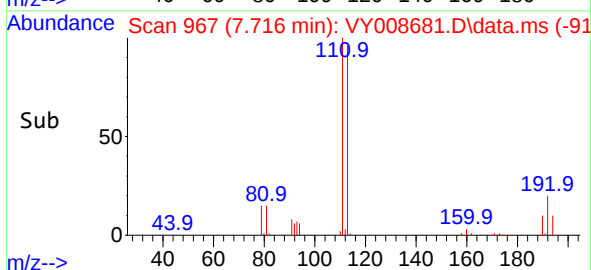
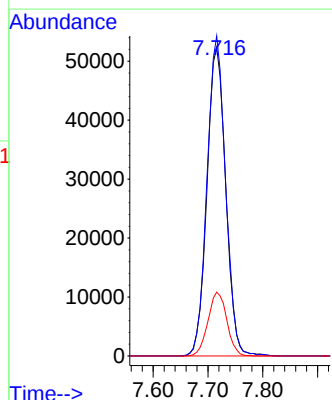
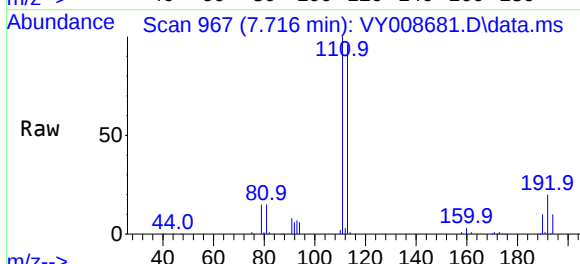
Tgt Ion:113 Resp: 124421

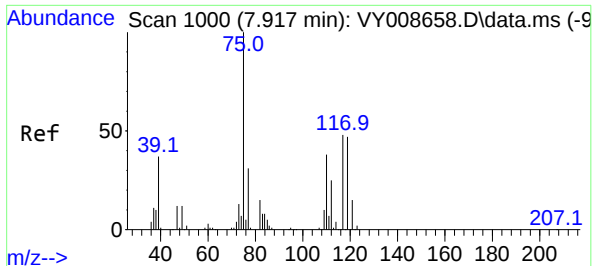
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 20.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.890 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008681.D

Acq: 10 May 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

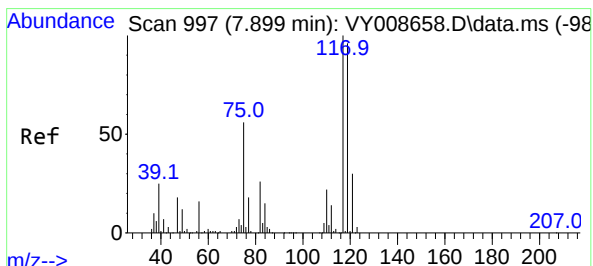
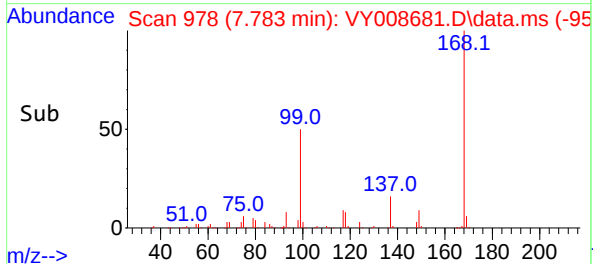
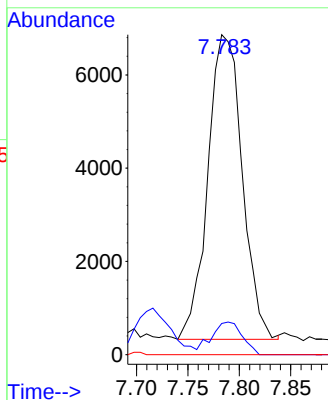
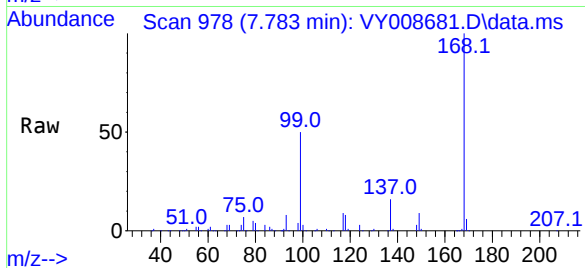
Tgt Ion: 75 Resp: 15184

Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.524 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008681.D

Acq: 10 May 2022 15:19

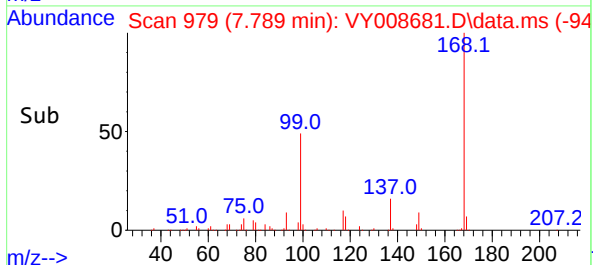
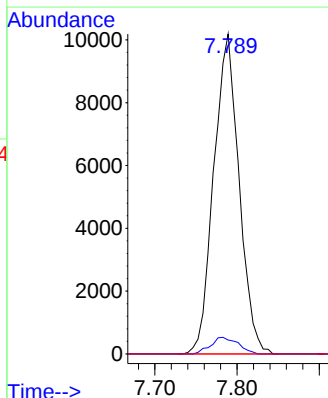
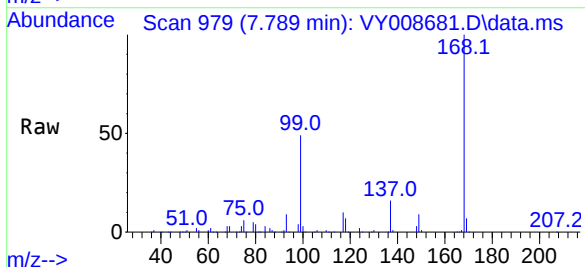
Tgt Ion: 117 Resp: 21806

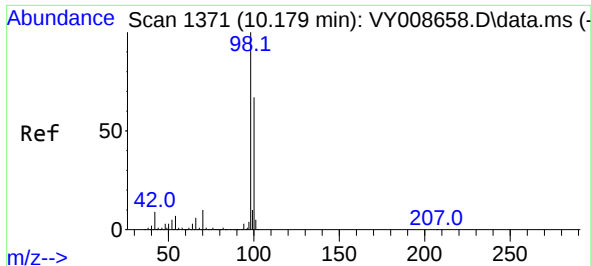
Ion Ratio Lower Upper

117 100

119 4.3 77.9 116.9#

121 0.0 24.8 37.2#

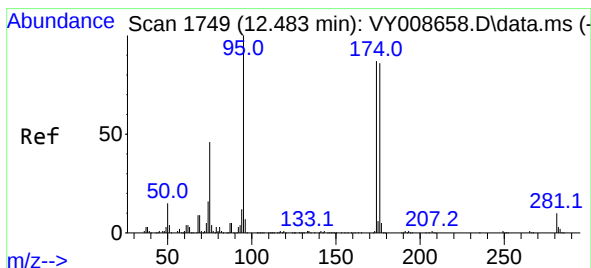
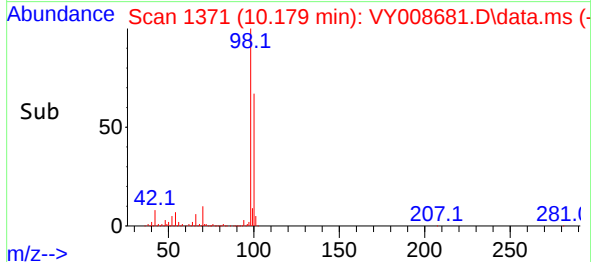
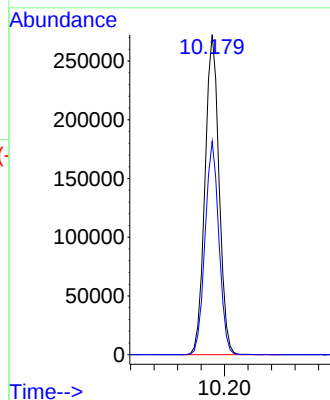
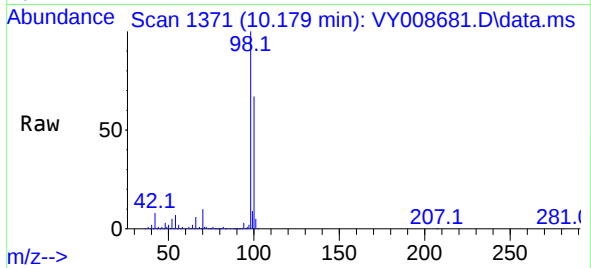




#50
Toluene-d8
Concen: 52.936 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

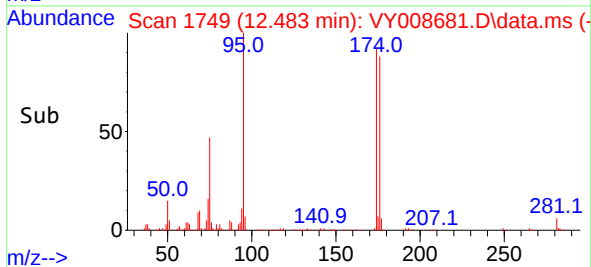
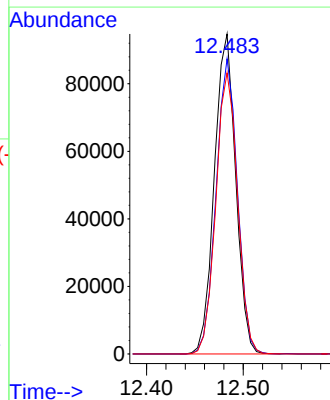
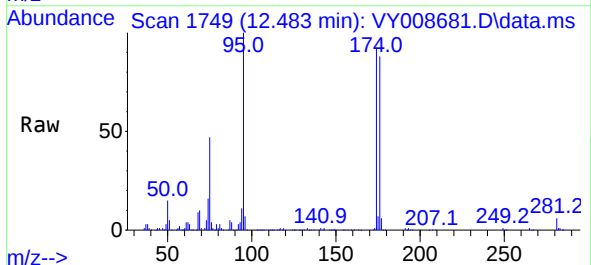
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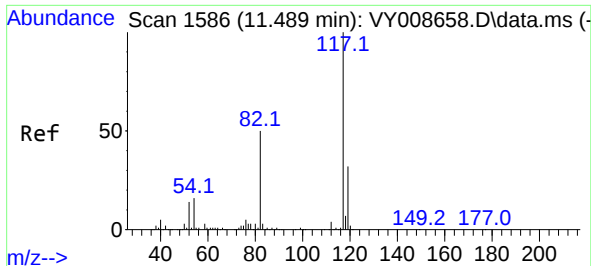
Tgt Ion: 98 Resp: 453165
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.047 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

Tgt Ion: 95 Resp: 144897
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 89.4 0.0 175.8

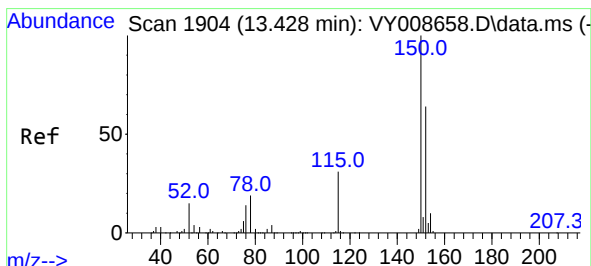
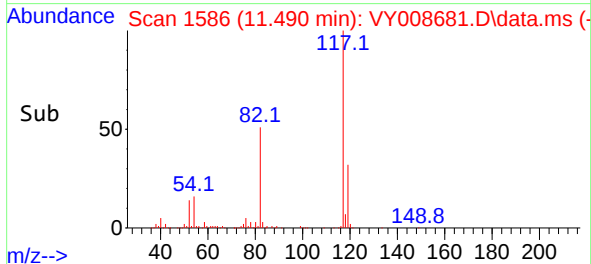
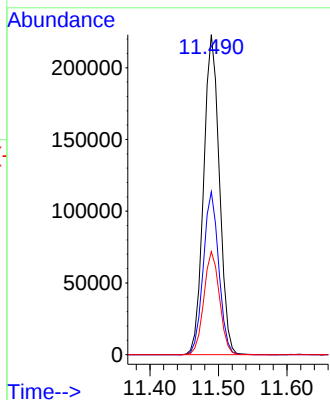
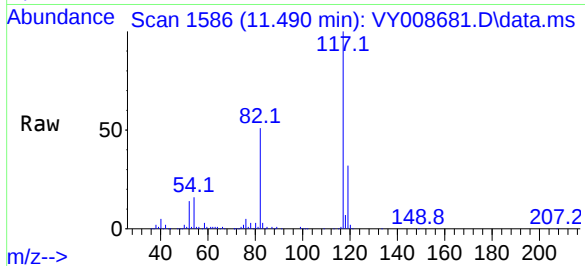




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

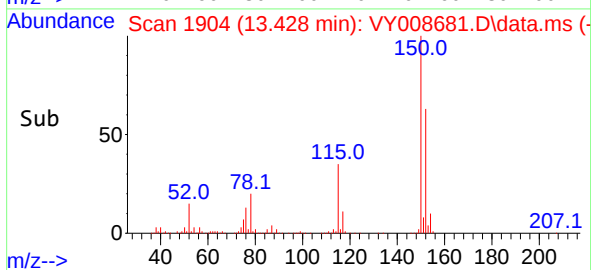
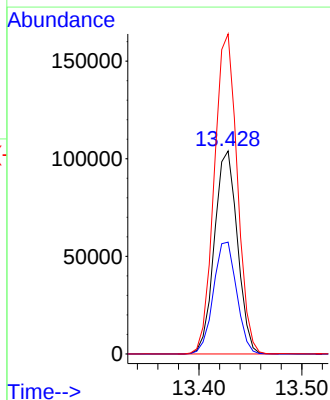
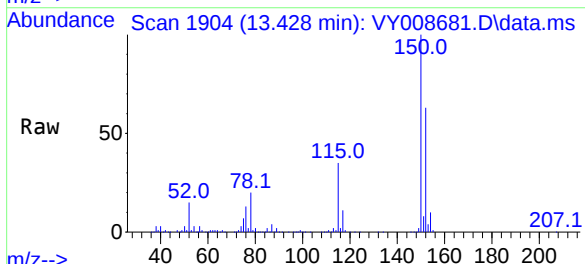
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

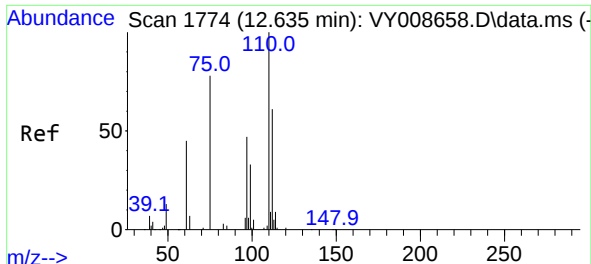
Tgt Ion:117 Resp: 356603
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

Tgt Ion:152 Resp: 161742
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 157.6 0.0 347.6

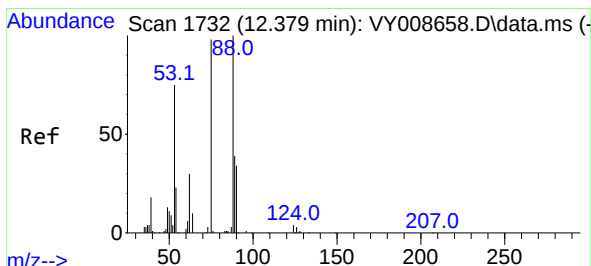
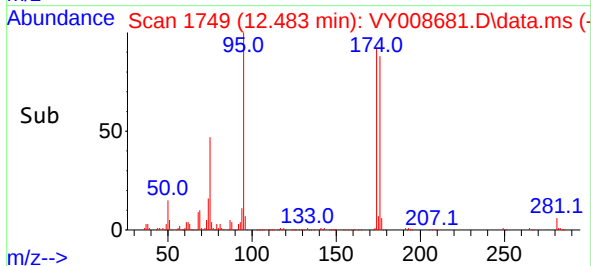
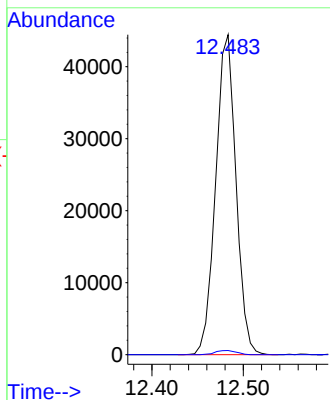
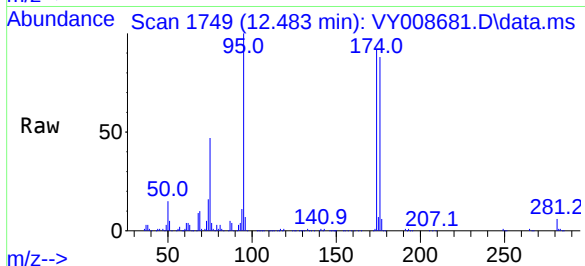




#76
1,2,3-Trichloropropane
Concen: 37.632 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 68613
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.871 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

Tgt Ion: 75 Resp: 68613
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

