

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008720.D
 Acq On : 11 May 2022 20:21
 Operator : KP/MD
 Sample : N2781-10
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS003-0006-01

Quant Time: May 12 06:32:44 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)

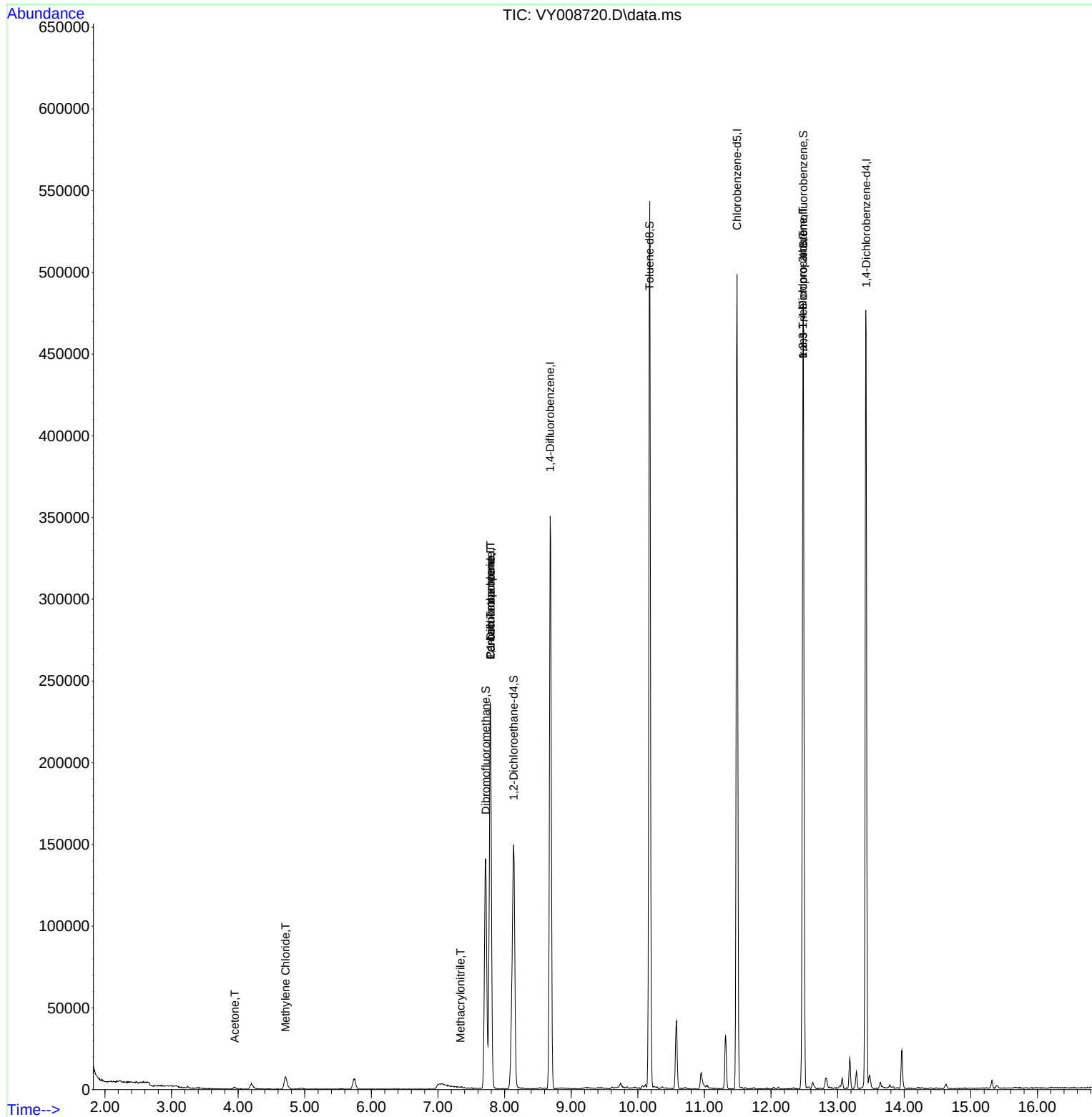
Internal Standards						
1) Pentafluorobenzene	7.789	168	198358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	320766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96736	56.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.840%	
35) Dibromofluoromethane	7.716	113	102512	51.860	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.720%	
50) Toluene-d8	10.179	98	368371	52.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.760%	
62) 4-Bromofluorobenzene	12.483	95	115372	46.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.080%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.954	59	1504	Below Cal	#	81
16) Acetone	3.948	43	1950	4.863	ug/l	99
18) Methyl Acetate	4.710	43	70	Below Cal	#	56
20) Methylene Chloride	4.710	84	6443	2.646	ug/l	# 80
36) 1,1-Dichloropropene	7.789	75	13128	4.134	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	18300	5.697	ug/l	# 15
41) Methacrylonitrile	7.338	41	258	1.059	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	57599	38.138	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	57599	75.877	ug/l	# 7

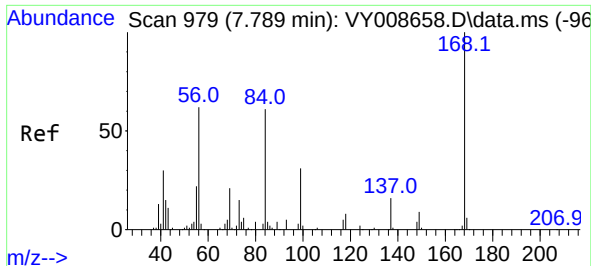
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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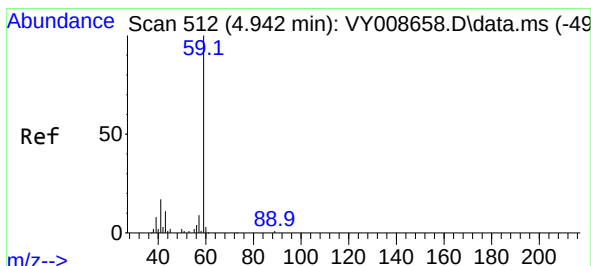
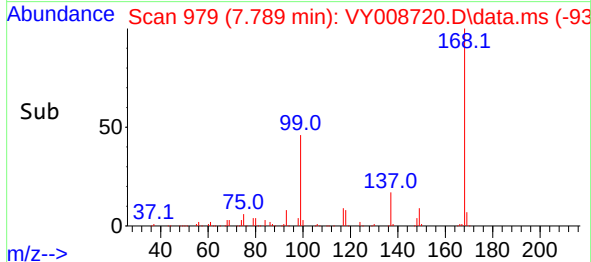
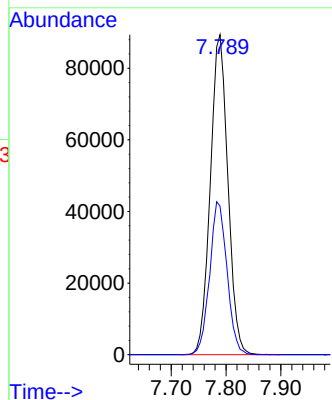
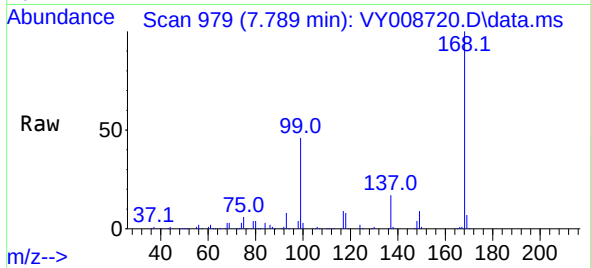




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

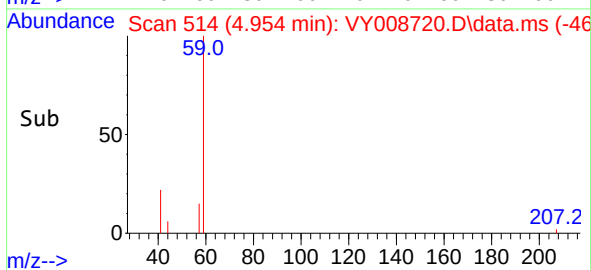
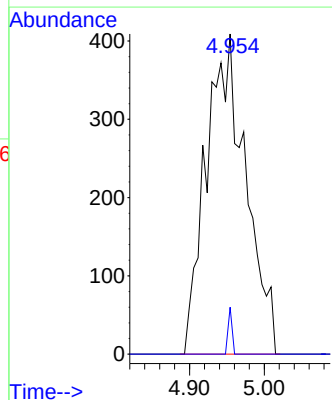
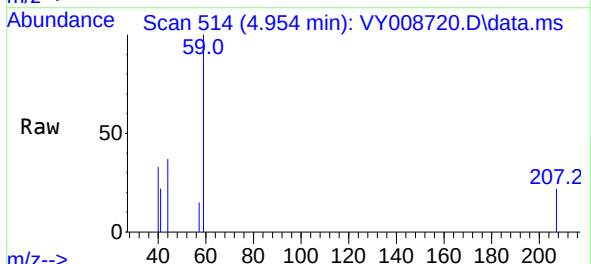
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-0006-01

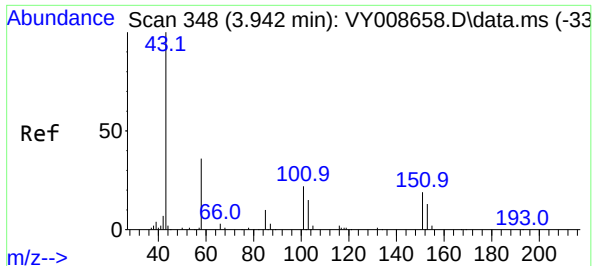
Tgt Ion:168 Resp: 198358
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

Tgt Ion: 59 Resp: 1504
Ion Ratio Lower Upper
59 100
57 1.5 6.4 9.6#

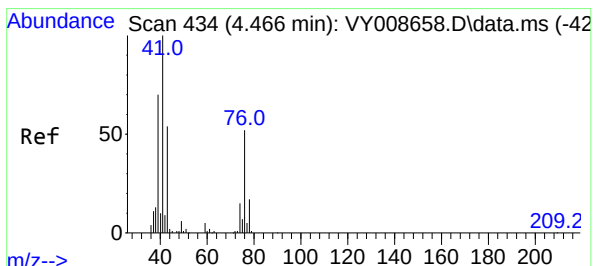
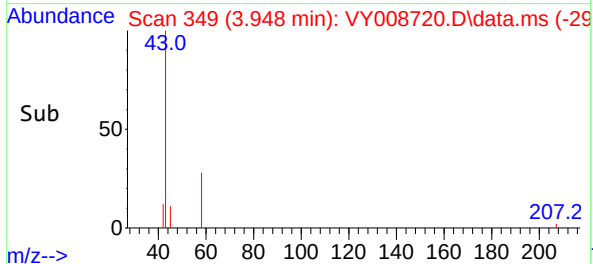
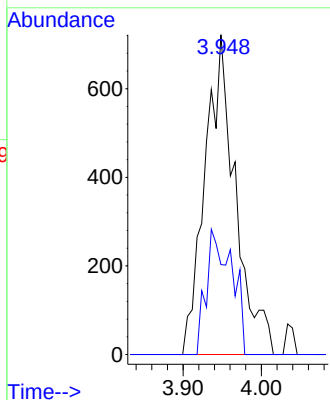
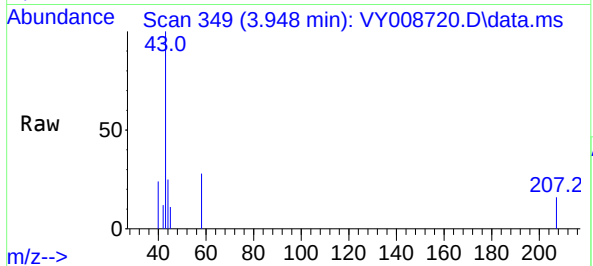




#16
Acetone
Concen: 4.863 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

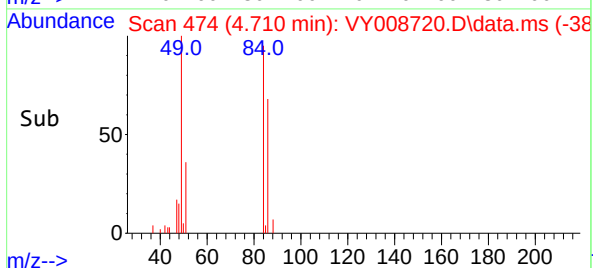
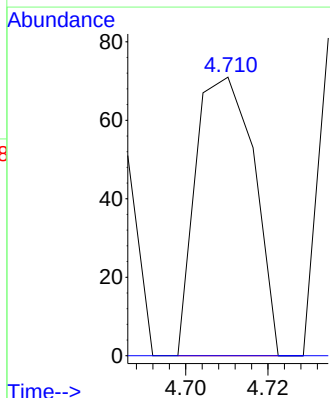
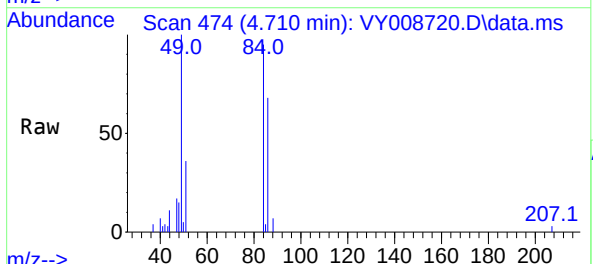
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-0006-01

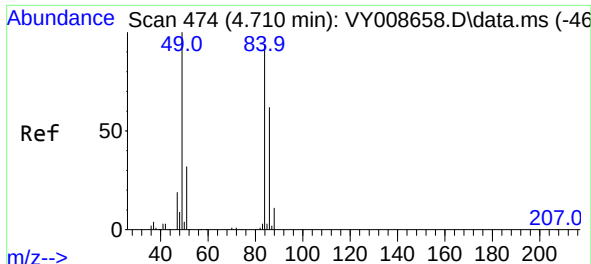
Tgt Ion: 43 Resp: 1950
Ion Ratio Lower Upper
43 100
58 28.1 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.244 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

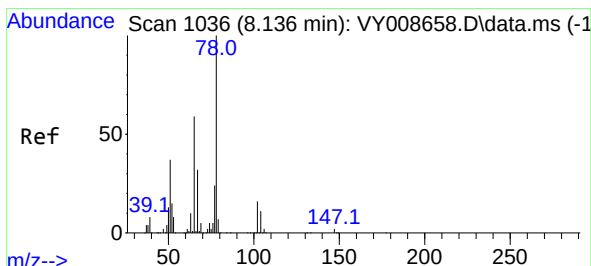
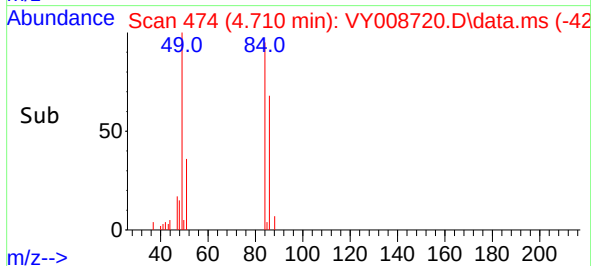
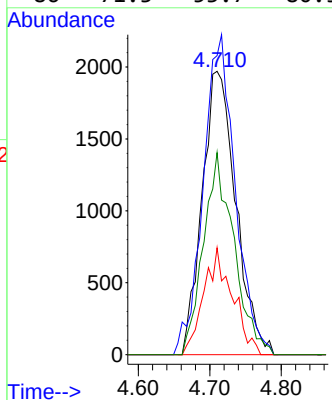
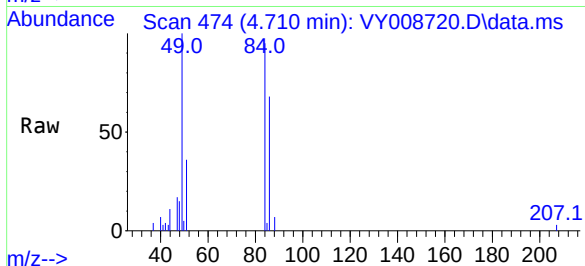




#20
Methylene Chloride
Concen: 2.646 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

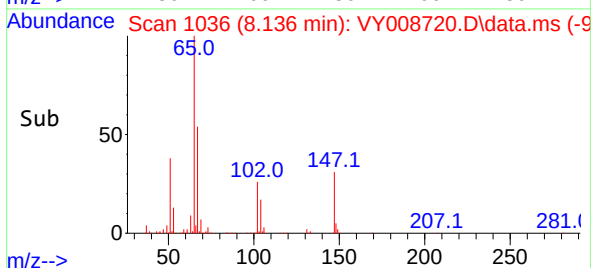
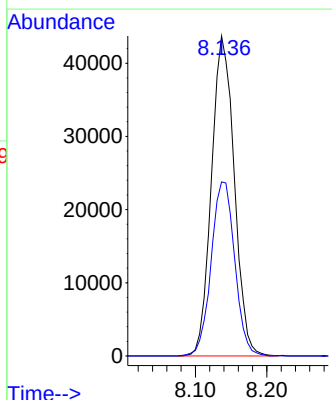
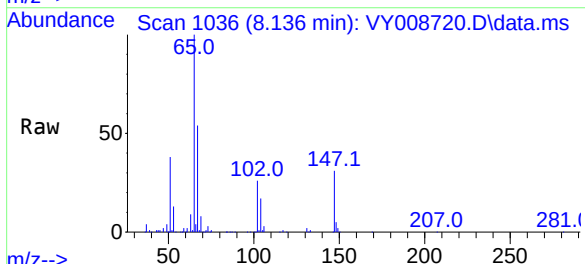
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-0006-01

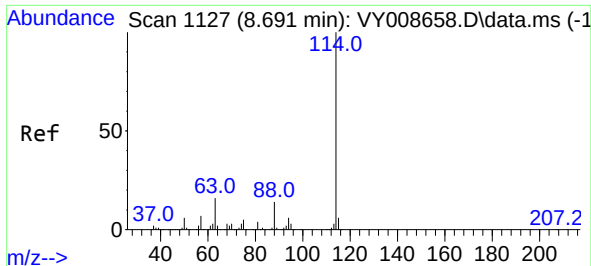
Tgt Ion: 84 Resp: 6443
Ion Ratio Lower Upper
84 100
49 105.5 114.4 171.6#
51 37.7 35.3 52.9
86 71.3 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 56.916 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

Tgt Ion: 65 Resp: 96736
Ion Ratio Lower Upper
65 100
67 56.3 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: VY008720.D

Acq: 11 May 2022 20:21

Instrument :

MSVOA_Y

ClientSampleId :

P011-SS003-0006-01

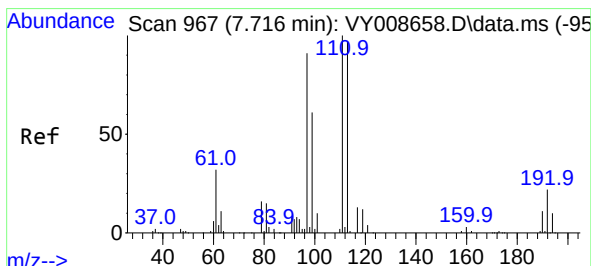
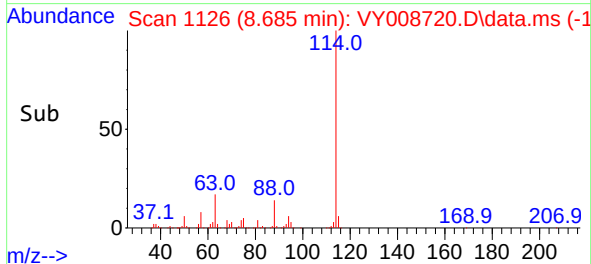
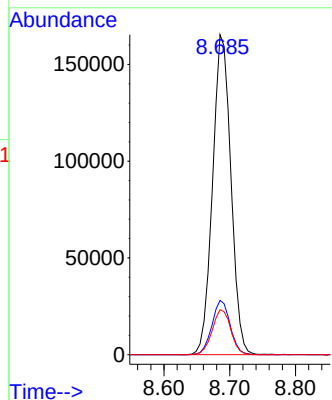
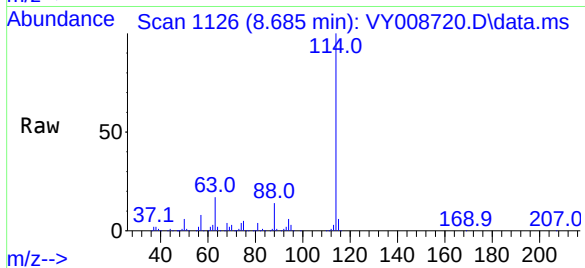
Tgt Ion:114 Resp: 320766

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.860 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008720.D

Acq: 11 May 2022 20:21

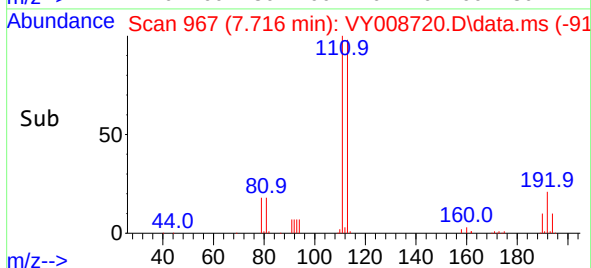
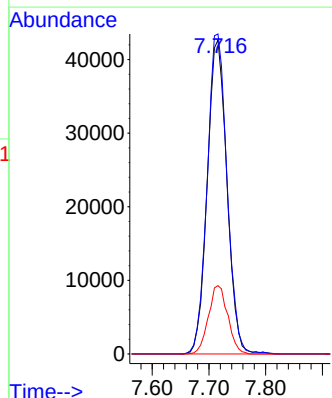
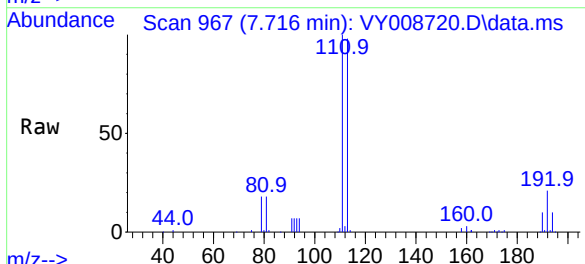
Tgt Ion:113 Resp: 102512

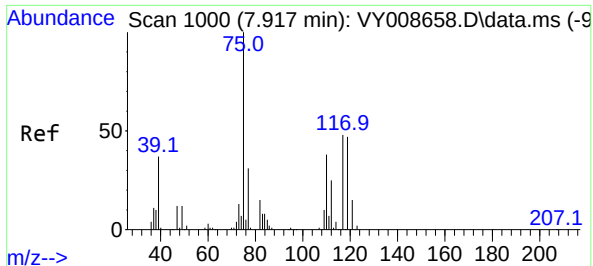
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 21.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.134 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008720.D

Acq: 11 May 2022 20:21

Instrument :

MSVOA_Y

ClientSampleId :

P011-SS003-0006-01

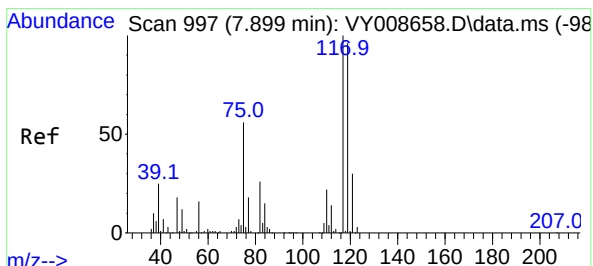
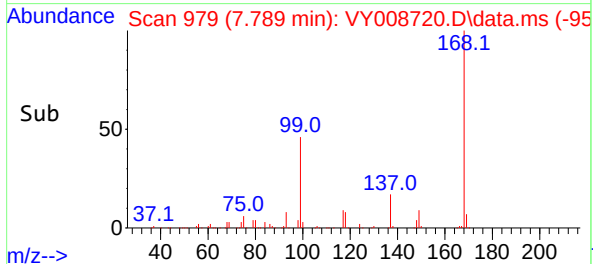
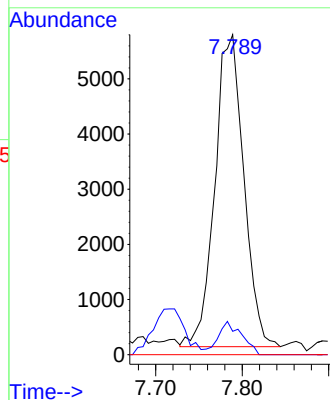
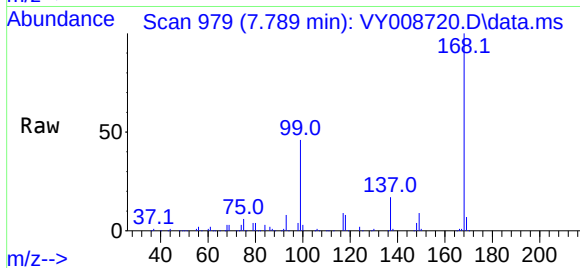
Tgt Ion: 75 Resp: 13128

Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.697 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008720.D

Acq: 11 May 2022 20:21

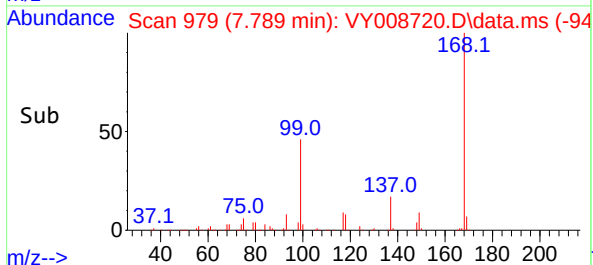
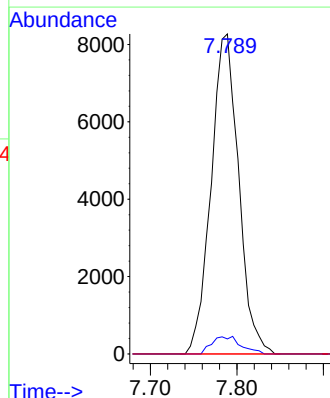
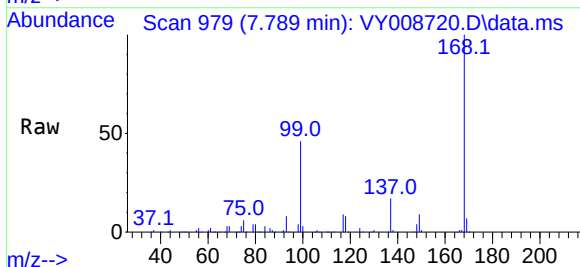
Tgt Ion: 117 Resp: 18300

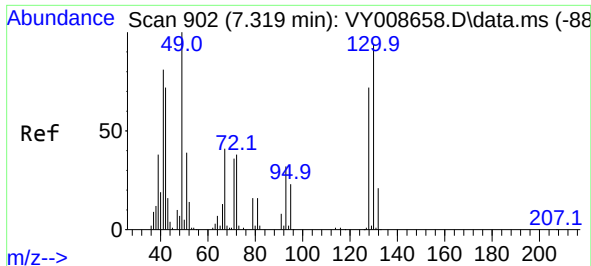
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#

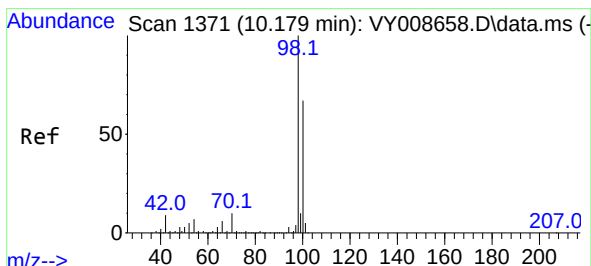
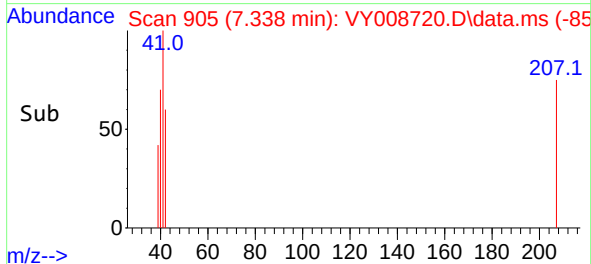
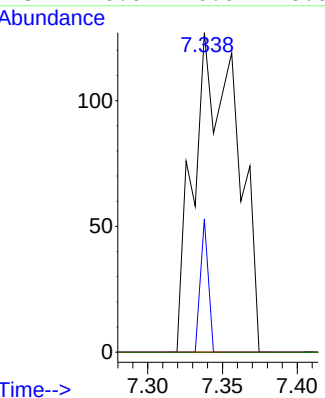
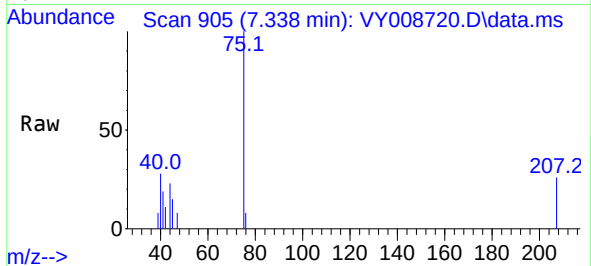




#41
Methacrylonitrile
Concen: 1.059 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

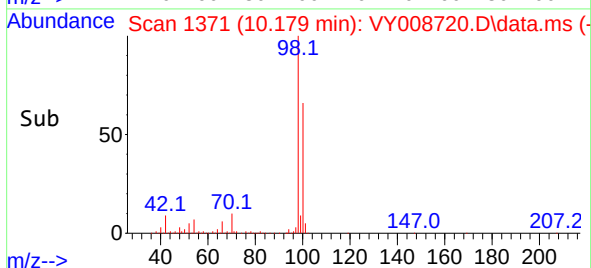
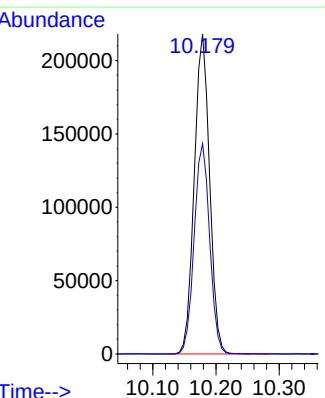
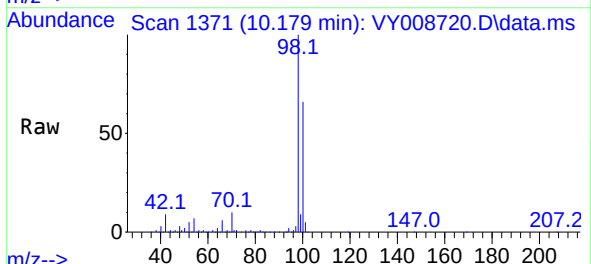
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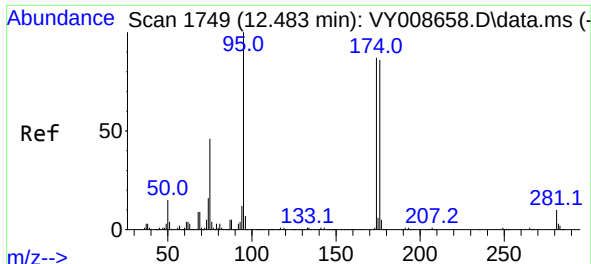
Tgt Ion:	41	Resp:	258
Ion	Ratio	Lower	Upper
41	100		
39	7.4	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 52.883 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

Tgt Ion:	98	Resp:	368371
Ion	Ratio	Lower	Upper
98	100		
100	66.4	50.2	75.2

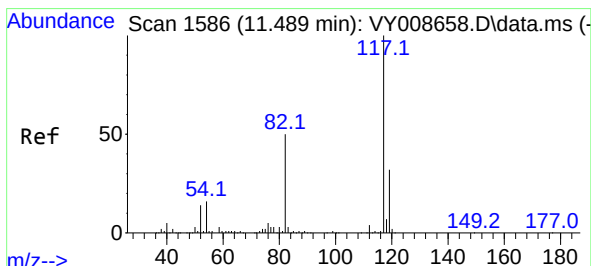
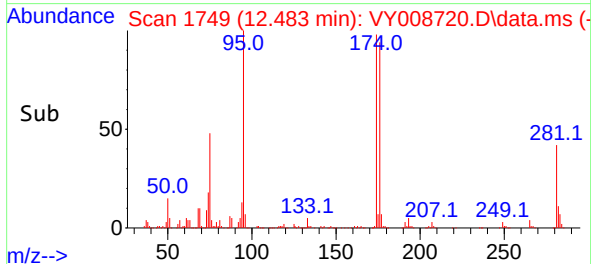
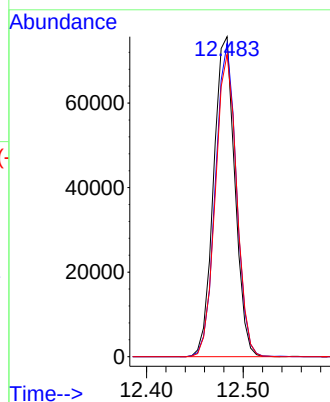
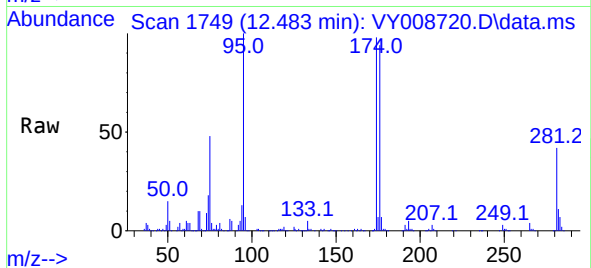




#62
4-Bromofluorobenzene
Concen: 46.037 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

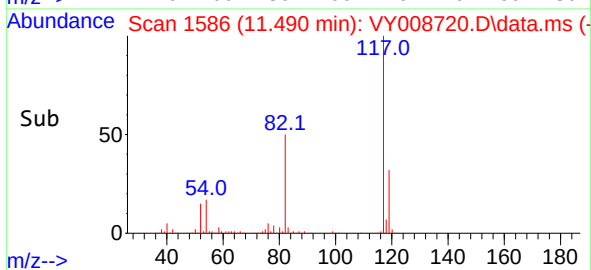
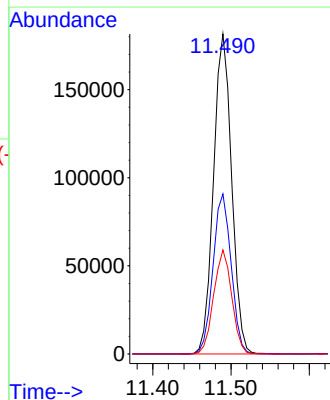
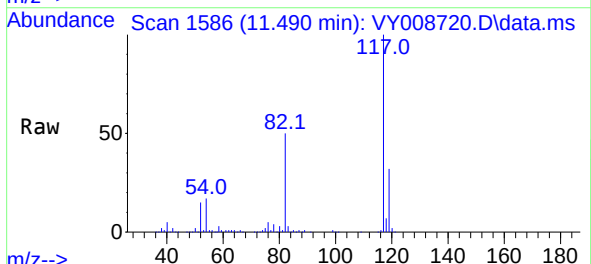
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-0006-01

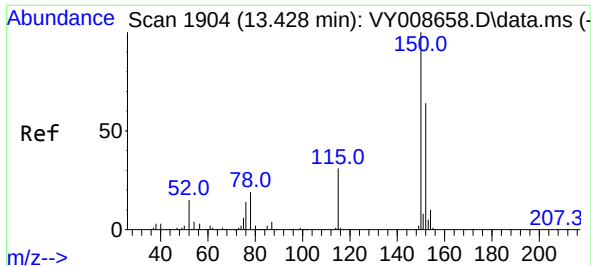
Tgt Ion: 95 Resp: 115372
Ion Ratio Lower Upper
95 100
174 96.1 0.0 177.0
176 94.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

Tgt Ion: 117 Resp: 291904
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 32.5 25.4 38.0

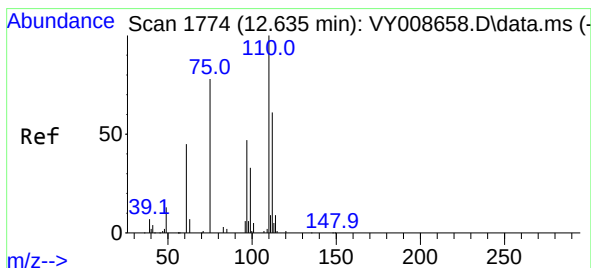
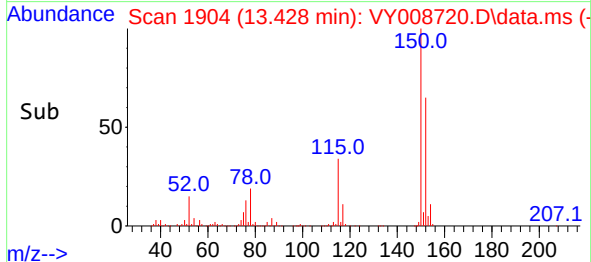
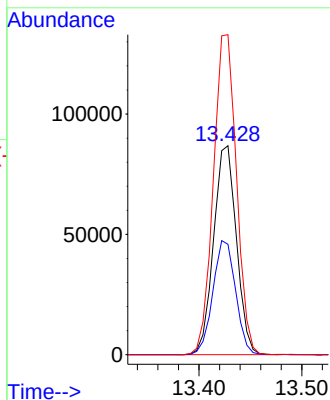
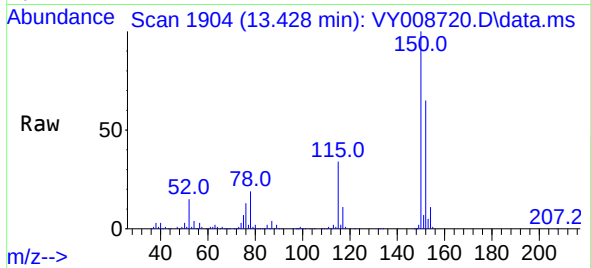




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

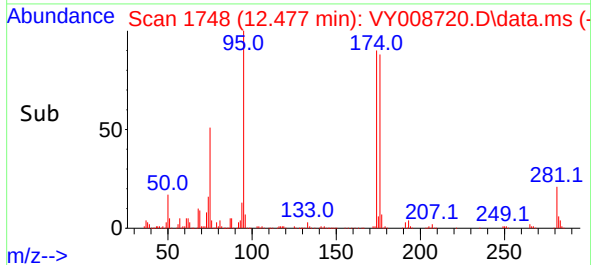
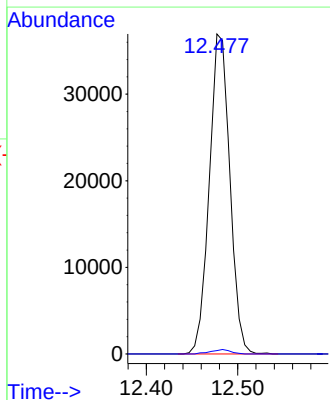
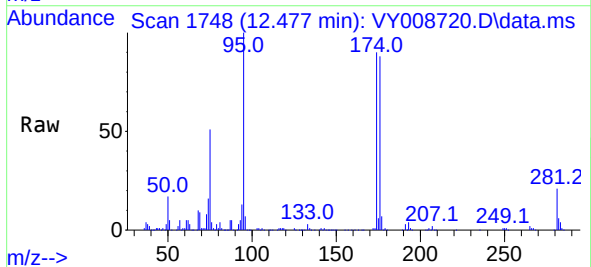
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-0006-01

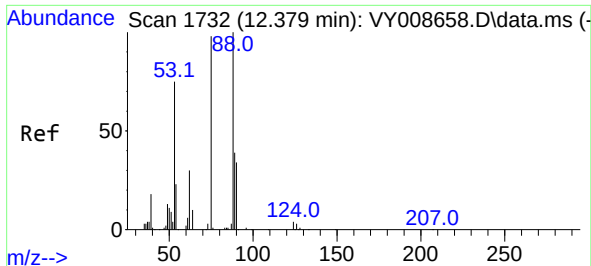
Tgt Ion:152 Resp: 133978
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 154.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 38.138 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

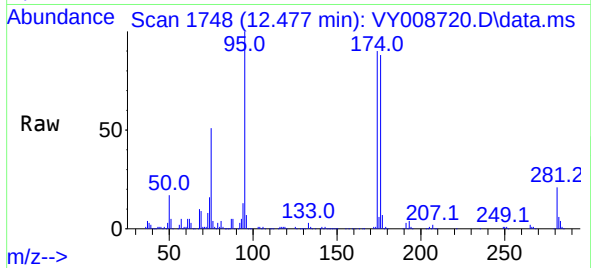
Tgt Ion: 75 Resp: 57599
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.877 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-0006-01



Tgt Ion: 75 Resp: 57599
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.1 37.0 55.4#

