

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005056.D
 Acq On : 09 Jun 2021 19:01
 Operator : SY/MD
 Sample : M2651-05
 Misc : 6.72G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:44:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

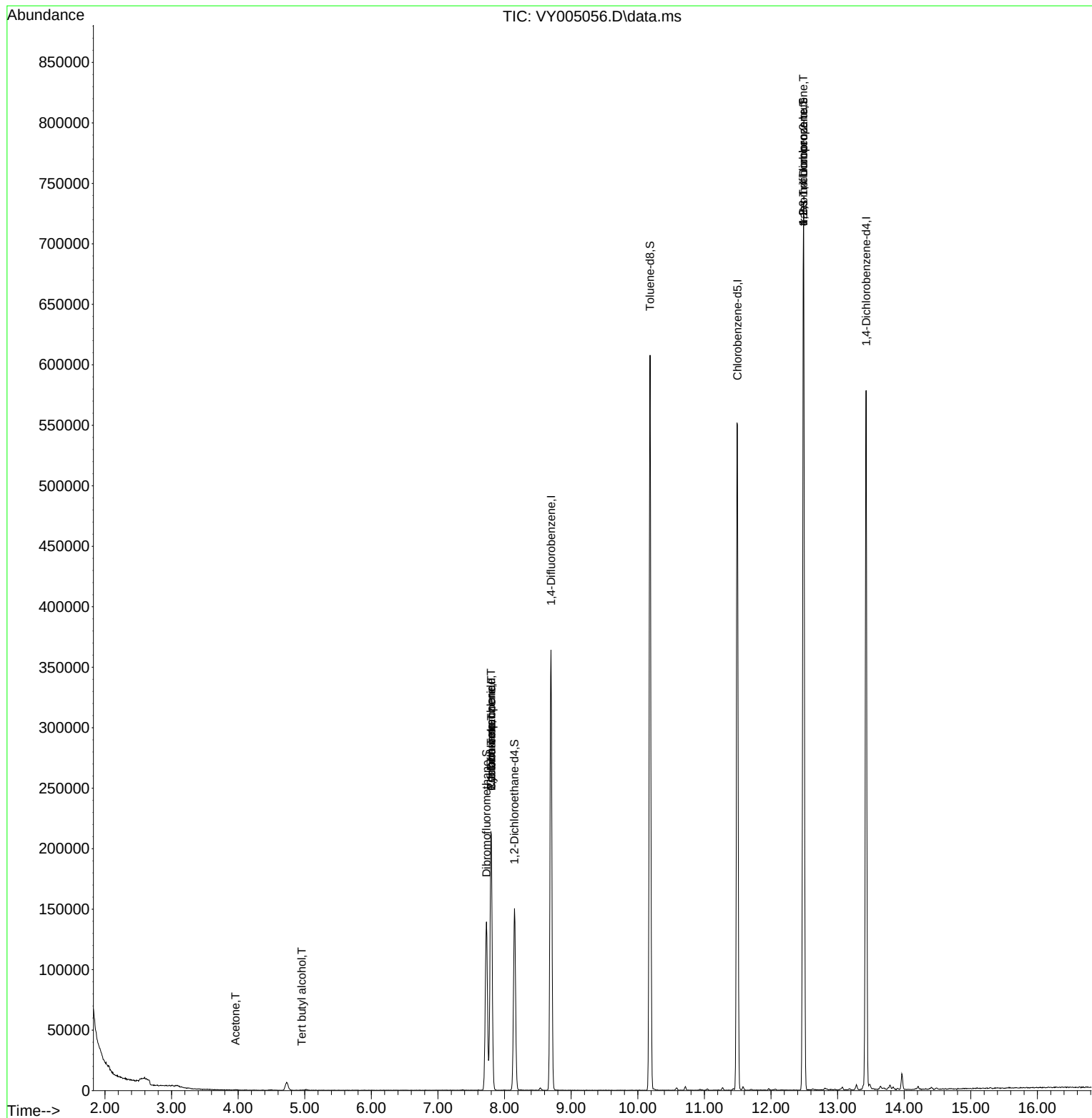
Internal Standards						
1) Pentafluorobenzene	7.801	168	164067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	308547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	307461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113815	65.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.240%	
35) Dibromofluoromethane	7.728	113	98094	59.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.180%	
50) Toluene-d8	10.185	98	388919	56.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.820%	
62) 4-Bromofluorobenzene	12.483	95	136281	57.477	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	608	3.048	ug/l #	74
16) Acetone	3.960	43	519	1.243	ug/l #	84
20) Methylene Chloride	4.723	84	4881	Below Cal		87
31) Cyclohexane	7.801	56	3552	1.163	ug/l #	19
36) 1,1-Dichloropropene	7.801	75	12788	4.235	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16635	6.330	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	74700	47.636	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74700	87.545	ug/l #	16

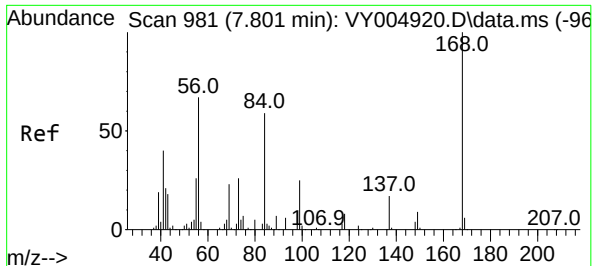
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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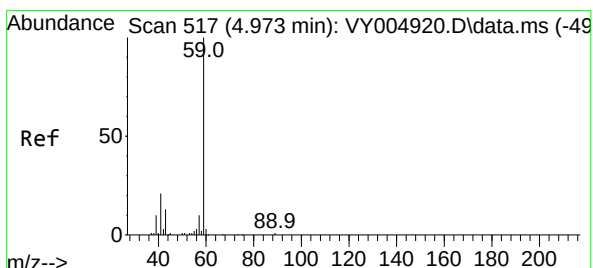
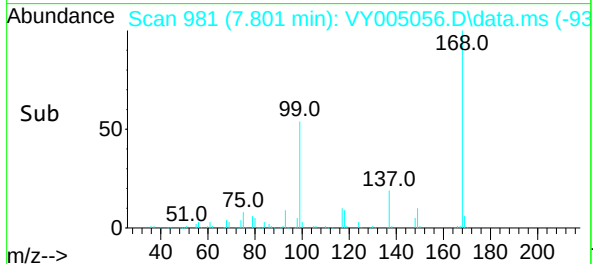
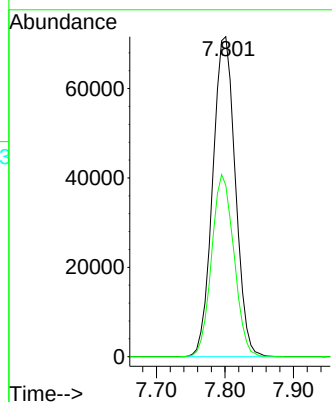
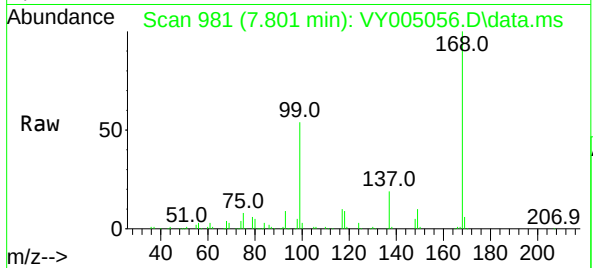




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01

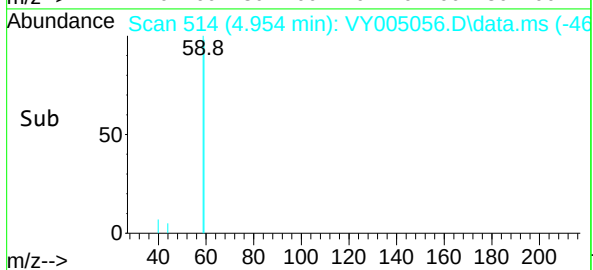
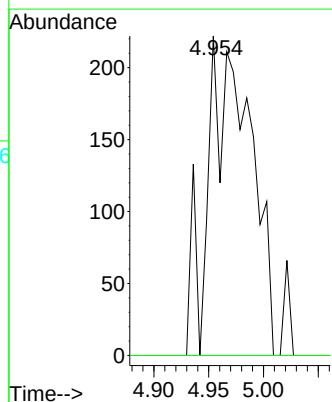
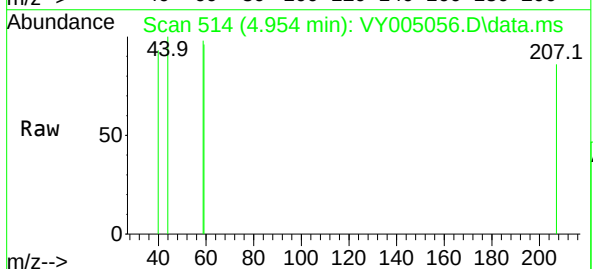
Instrument :
MSVOA_Y
ClientSampleId :

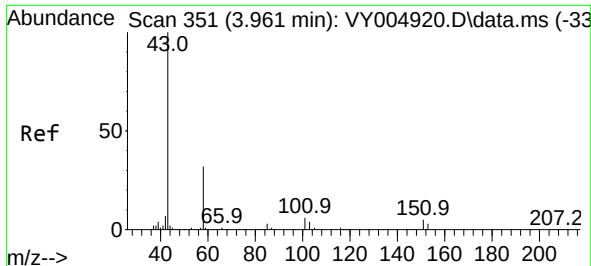
Tgt Ion:168 Resp: 164067
Ion Ratio Lower Upper
168 100
99 53.6 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.048 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01

Tgt Ion: 59 Resp: 608
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

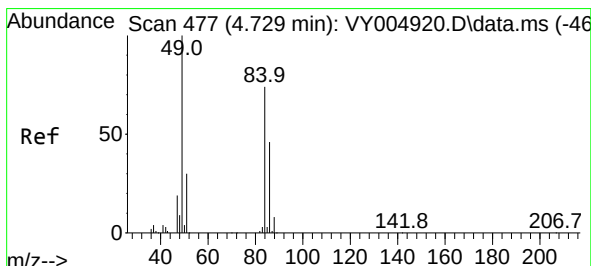
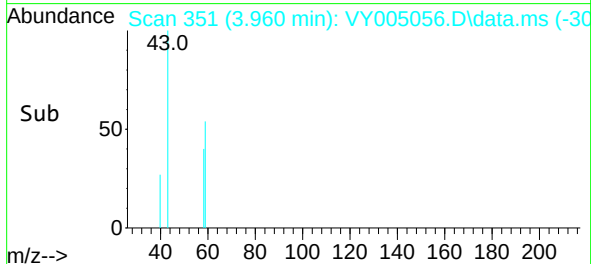
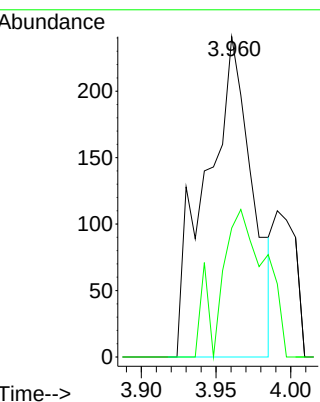
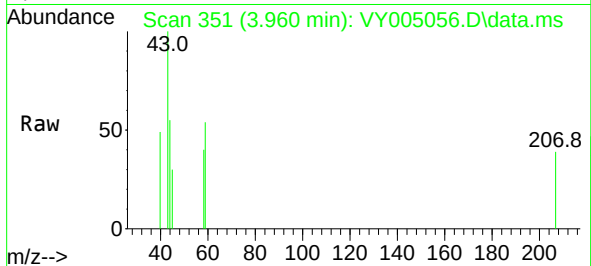




#16
Acetone
Concen: 1.243 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01

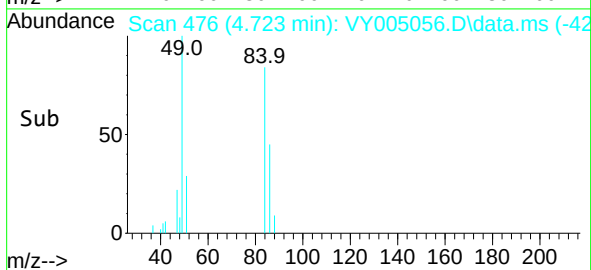
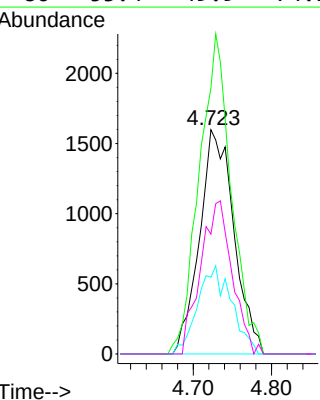
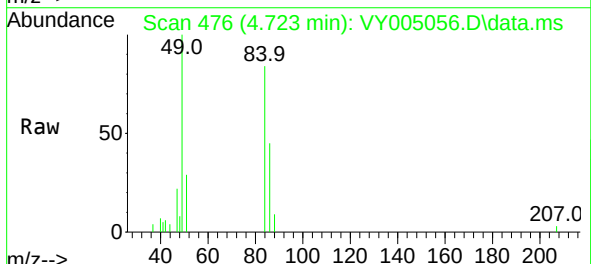
Instrument :
MSVOA_Y
ClientSampled :

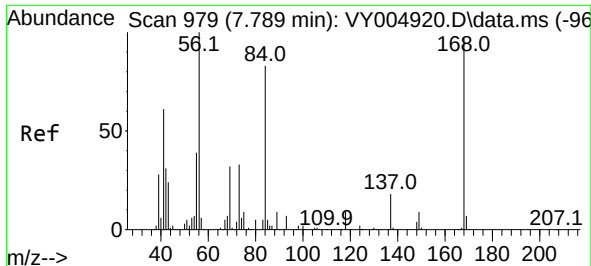
Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
58 40.2 25.3 37.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01

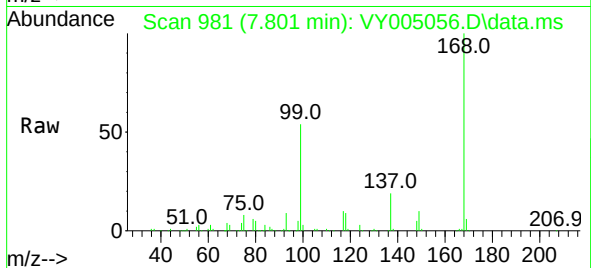
Tgt Ion: 84 Resp: 4881
Ion Ratio Lower Upper
84 100
49 118.6 108.0 162.0
51 34.2 32.6 48.8
86 53.4 49.9 74.9



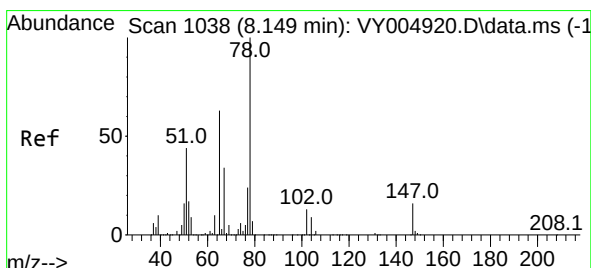
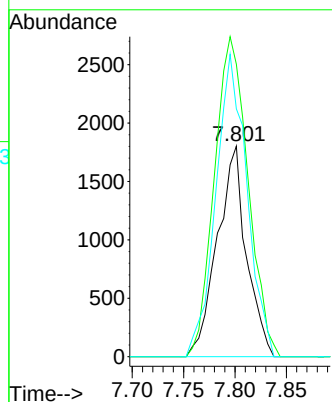
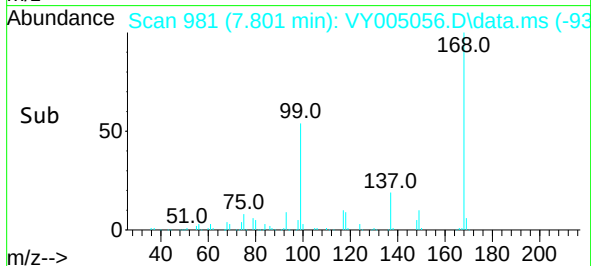


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01

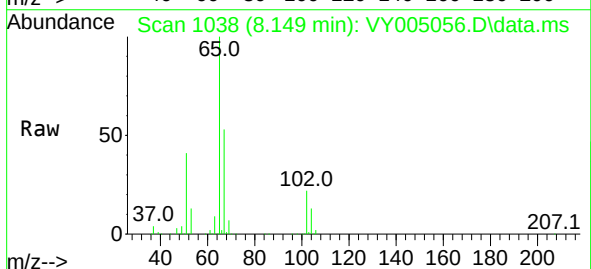
Instrument :
MSVOA_Y
ClientSampled :



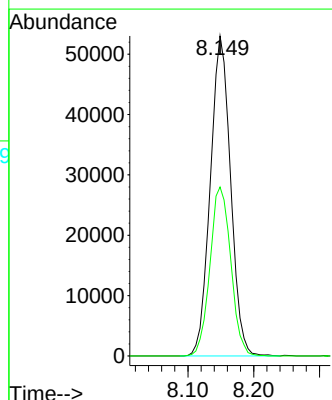
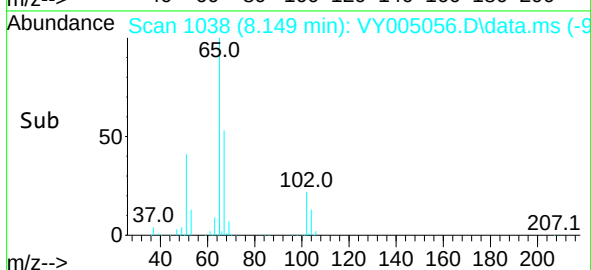
Tgt Ion: 56 Resp: 3552
Ion Ratio Lower Upper
56 100
69 138.8 25.3 37.9#
84 117.6 66.2 99.4#

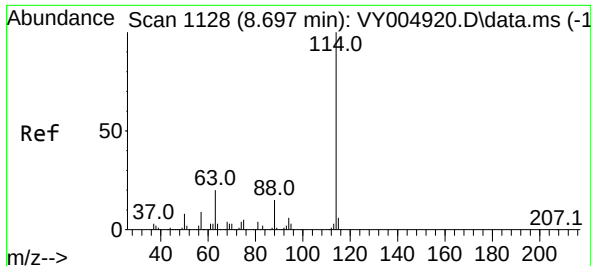


#33
1,2-Dichloroethane-d4
Concen: 65.619 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01



Tgt Ion: 65 Resp: 113815
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005056.D

Acq: 09 Jun 2021 19:01

Instrument :

MSVOA_Y

ClientSampleId :

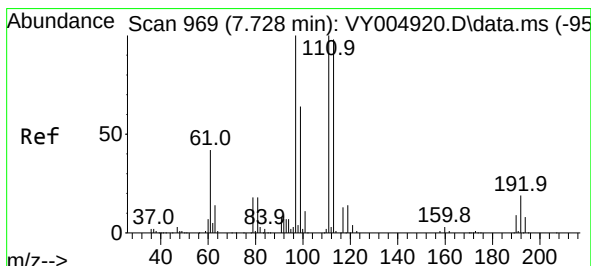
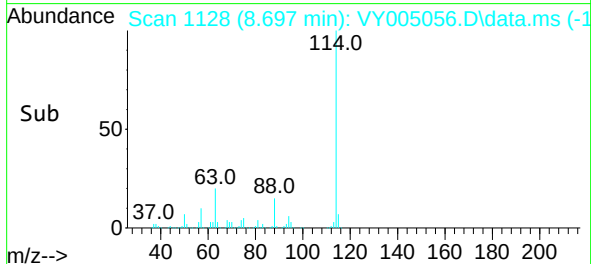
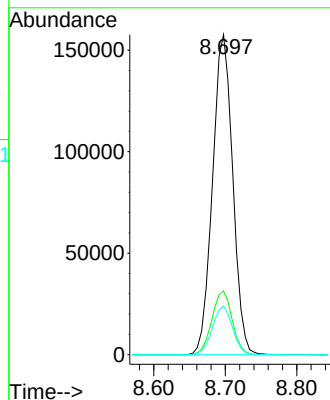
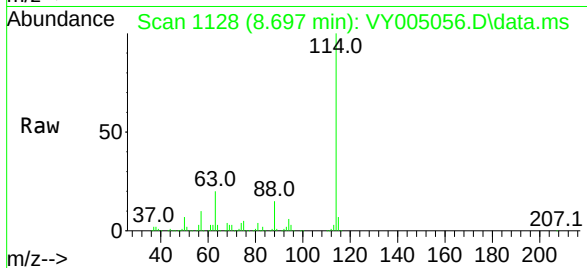
Tgt Ion:114 Resp: 308547

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.092 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005056.D

Acq: 09 Jun 2021 19:01

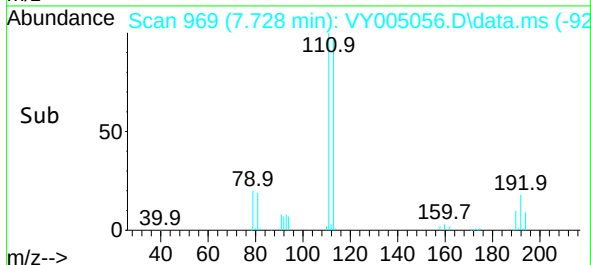
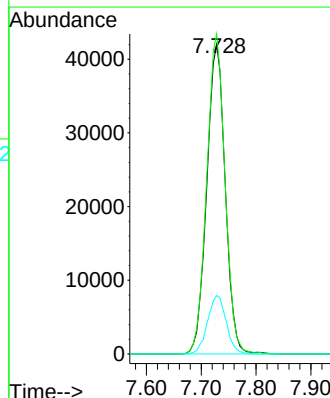
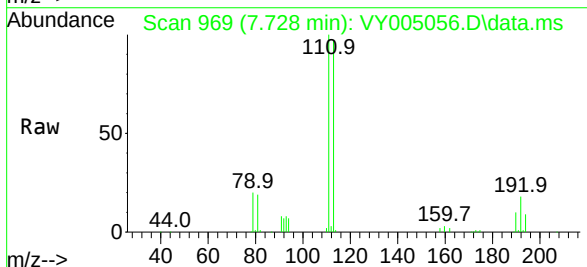
Tgt Ion:113 Resp: 98094

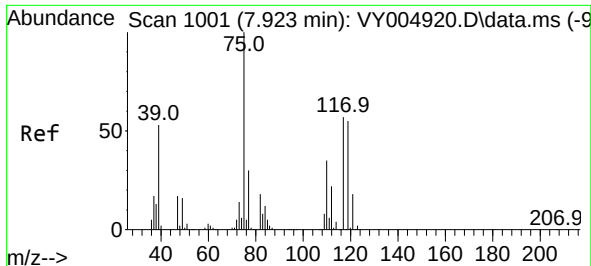
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

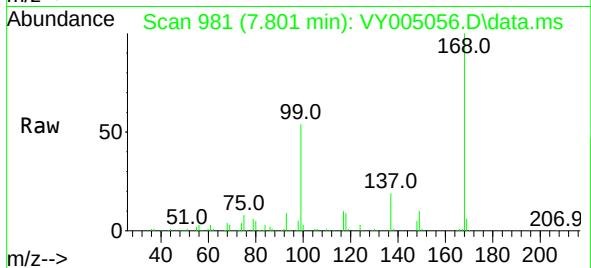
192 19.0 15.3 22.9





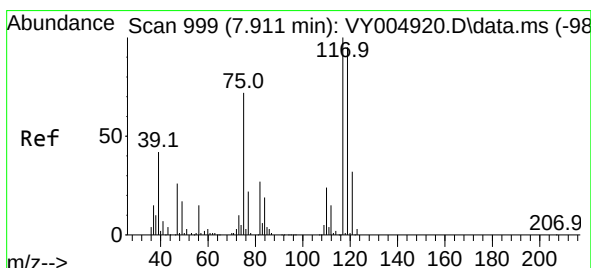
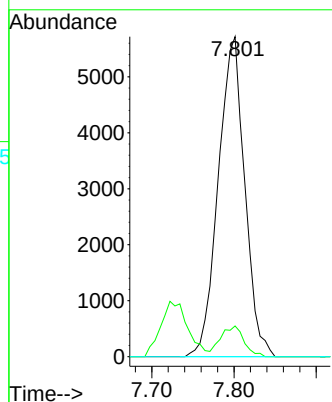
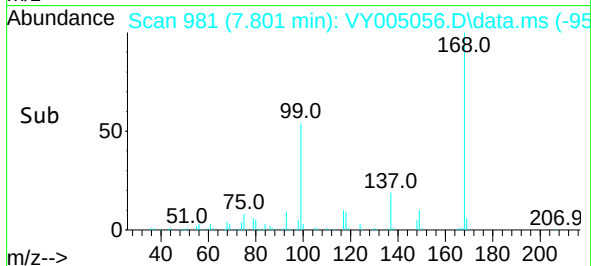
#36
 1,1-Dichloropropene
 Concen: 4.235 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY005056.D
 Acq: 09 Jun 2021 19:01

Instrument :
 MSVOA_Y
 ClientSampleId :

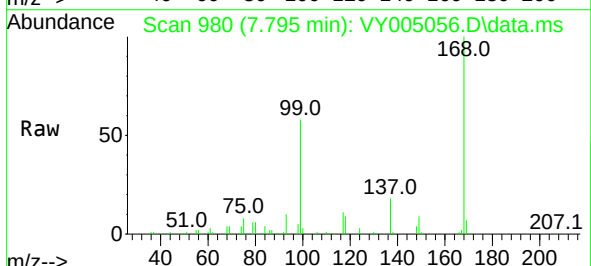


Tgt Ion: 75 Resp: 12788

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.5	52.5#
77	0.0	25.1	37.7#

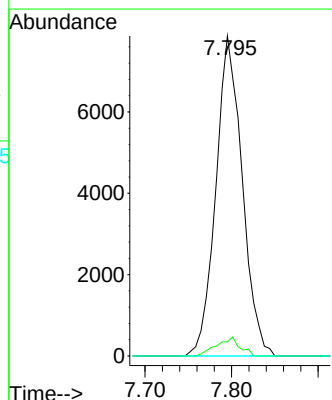
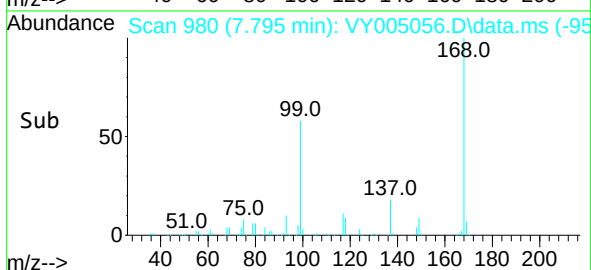


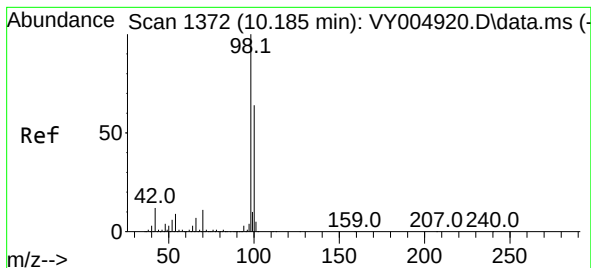
#38
 Carbon Tetrachloride
 Concen: 6.330 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005056.D
 Acq: 09 Jun 2021 19:01



Tgt Ion: 117 Resp: 16635

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.1	114.1#
121	0.0	25.5	38.3#

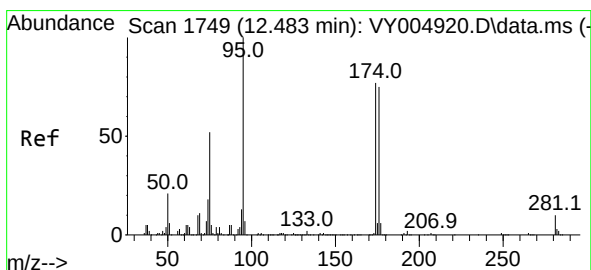
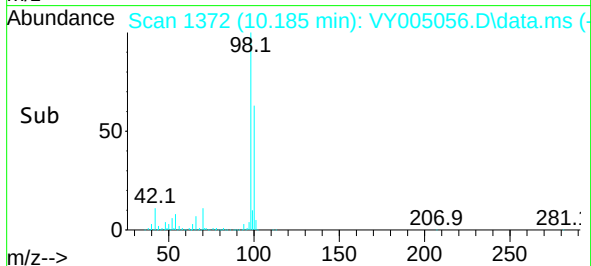
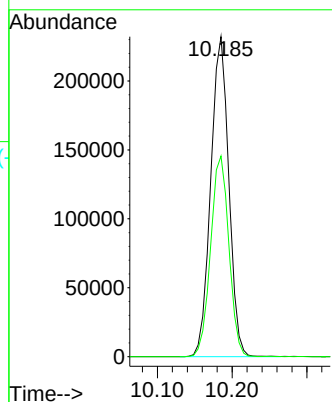
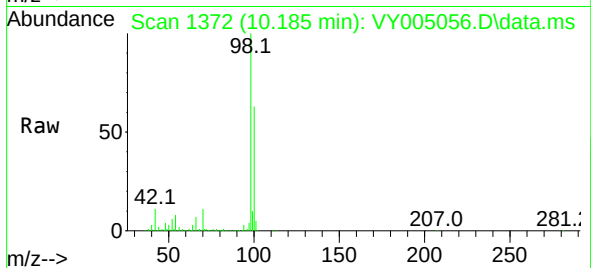




#50
Toluene-d8
Concen: 56.412 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01

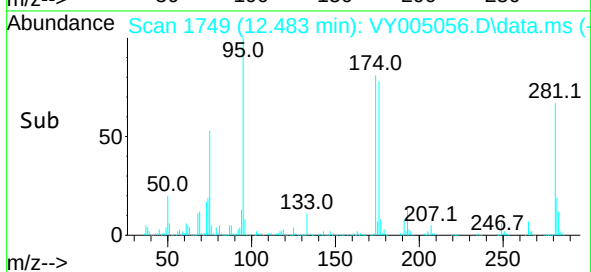
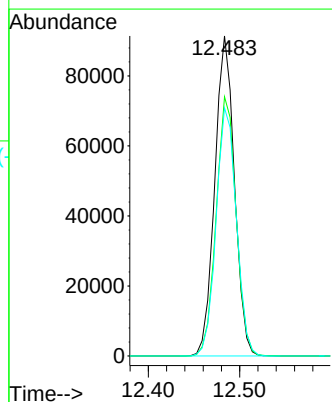
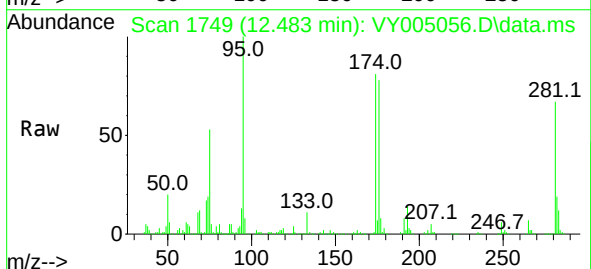
Instrument :
MSVOA_Y
ClientSampled :

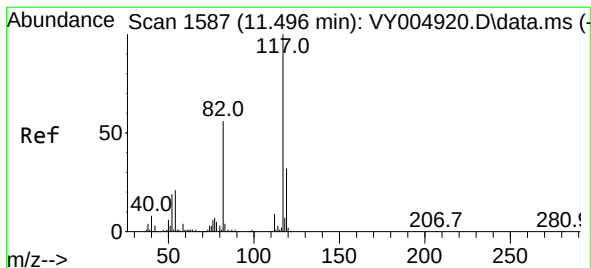
Tgt Ion: 98 Resp: 388919
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.477 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01

Tgt Ion: 95 Resp: 136281
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.8
176 79.9 0.0 155.6

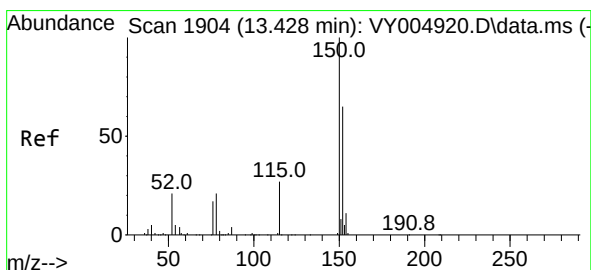
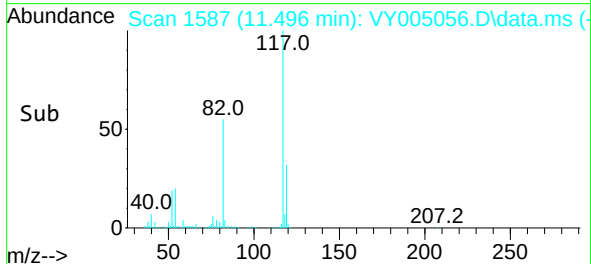
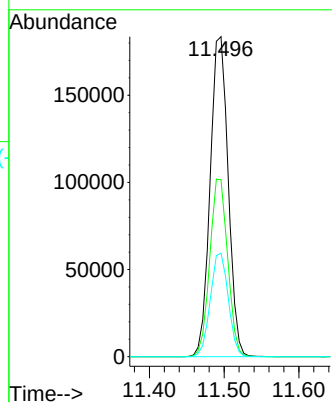
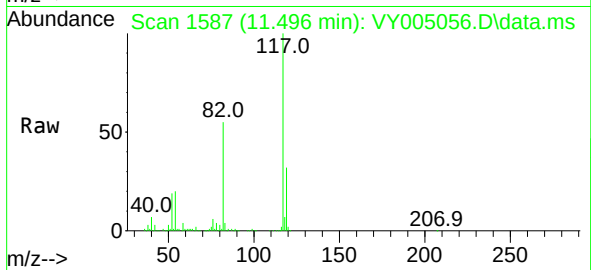




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01

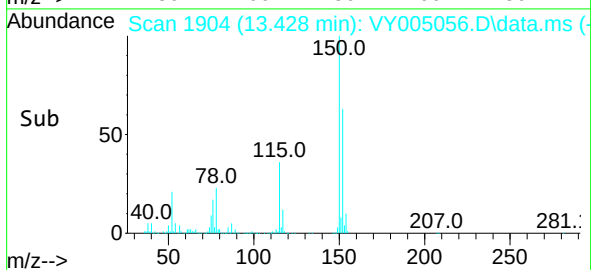
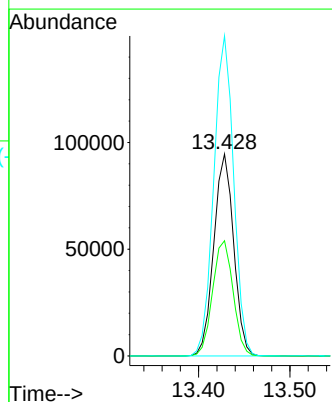
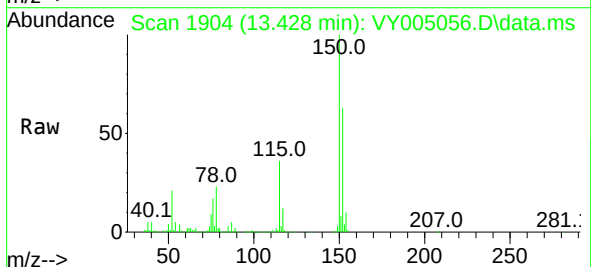
Instrument :
MSVOA_Y
ClientSampleId :

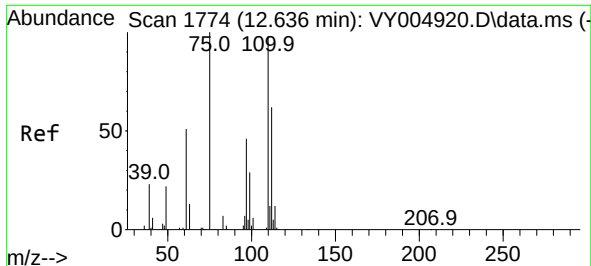
Tgt Ion:117 Resp: 307461
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01

Tgt Ion:152 Resp: 143052
Ion Ratio Lower Upper
152 100
115 58.8 29.9 89.7
150 158.9 0.0 347.8

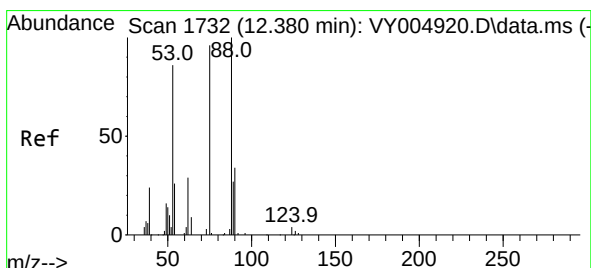
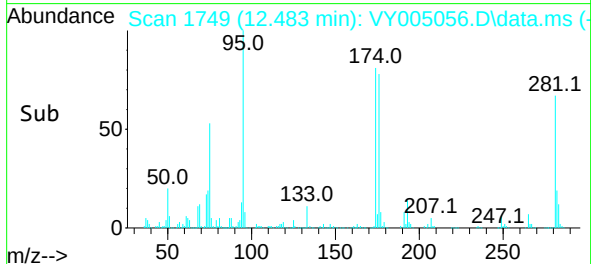
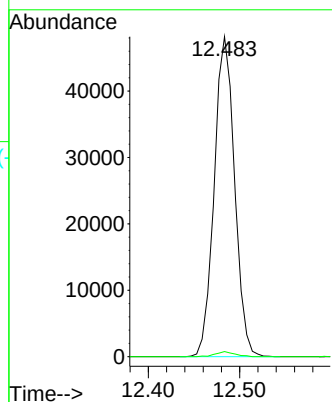
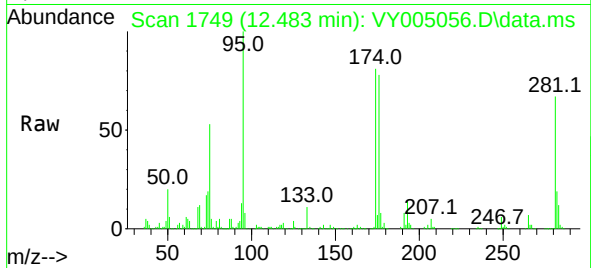




#76
1,2,3-Trichloropropane
Concen: 47.636 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74700
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.545 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005056.D
Acq: 09 Jun 2021 19:01

Tgt Ion: 75 Resp: 74700
Ion Ratio Lower Upper
75 100
53 0.2 69.3 103.9#
89 1.9 35.0 52.6#

