

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005080.D
 Acq On : 10 Jun 2021 16:29
 Operator : SY/MD
 Sample : M2672-03
 Misc : 7.82G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:06:34 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)

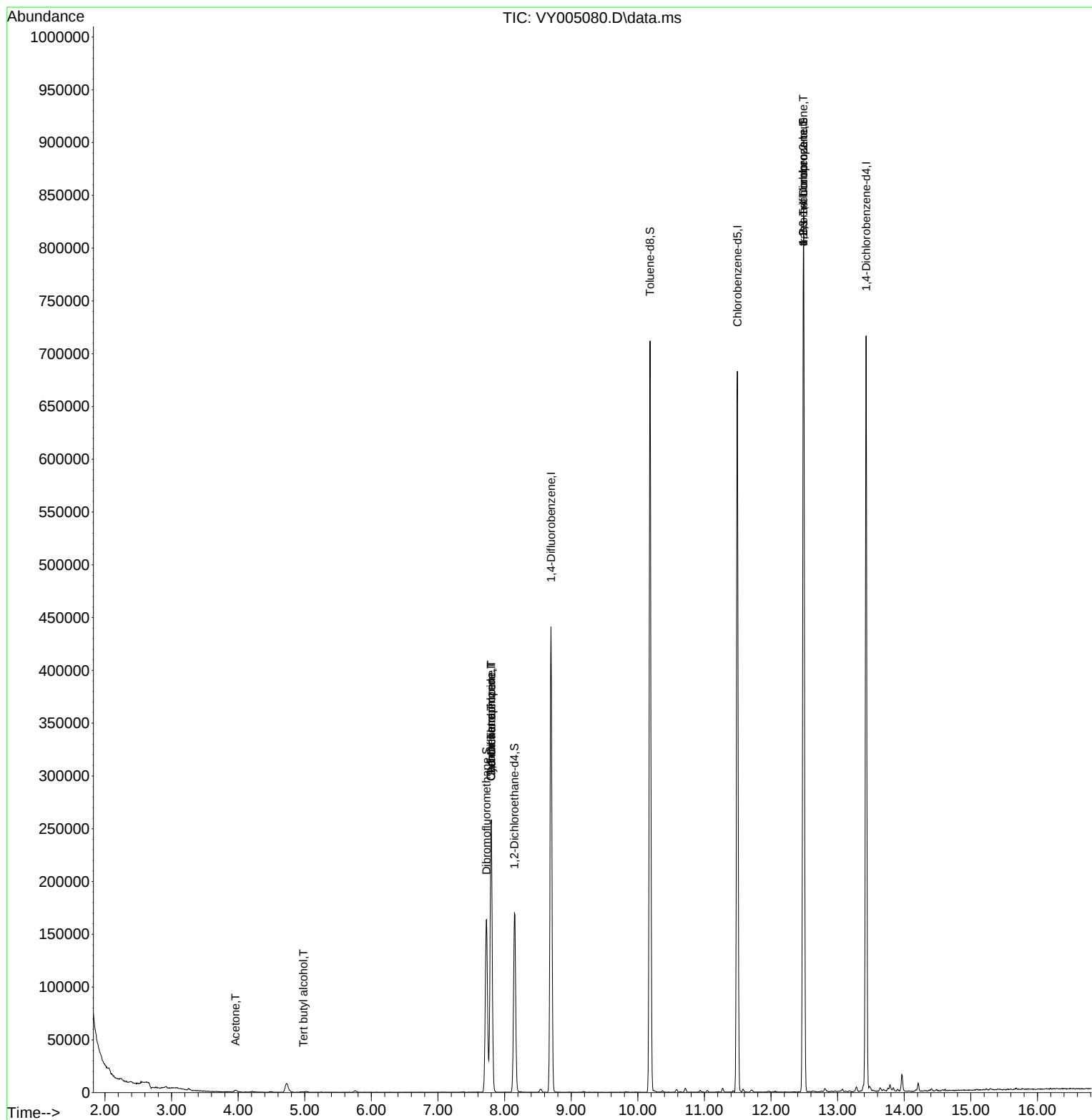
Internal Standards						
1) Pentafluorobenzene	7.801	168	199099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	372518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	371924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131275	62.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.740%	
35) Dibromofluoromethane	7.728	113	117653	58.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.400%	
50) Toluene-d8	10.185	98	461716	55.470	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.940%	
62) 4-Bromofluorobenzene	12.483	95	167871	58.642	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	1115	4.606	ug/l #	74
16) Acetone	3.960	43	3452	6.813	ug/l #	88
20) Methylene Chloride	4.735	84	6427	Below Cal		86
31) Cyclohexane	7.795	56	4195	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	15227	4.177	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19801	6.241	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	89449	46.728	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	89449	85.875	ug/l #	16

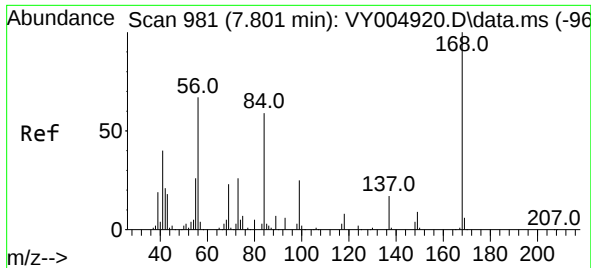
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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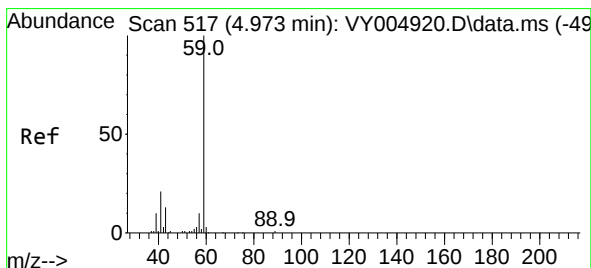
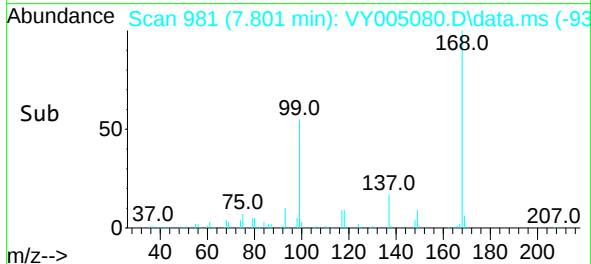
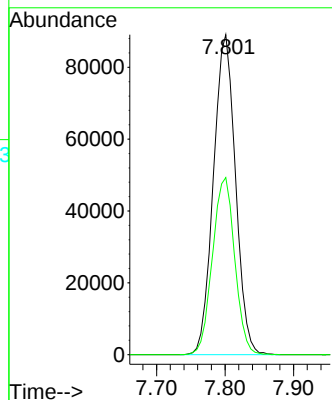
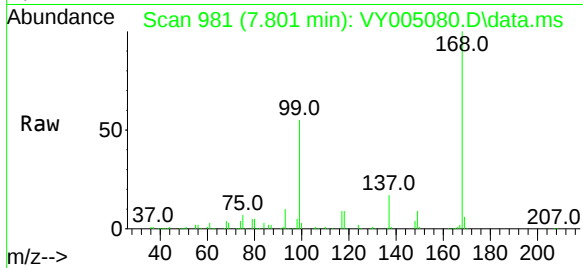




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

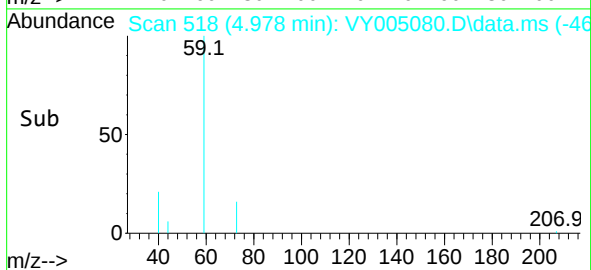
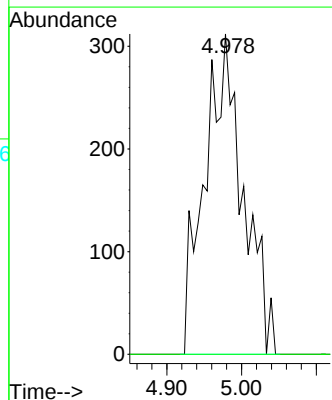
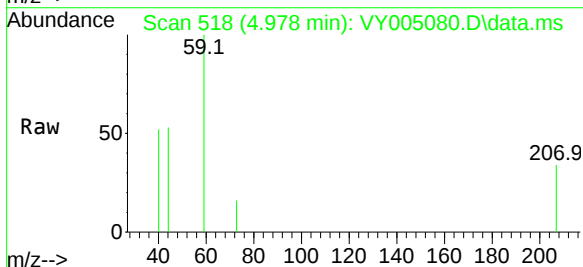
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:168 Resp: 199099
Ion Ratio Lower Upper
168 100
99 55.3 43.9 65.9



#11
Tert butyl alcohol
Concen: 4.606 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.005 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

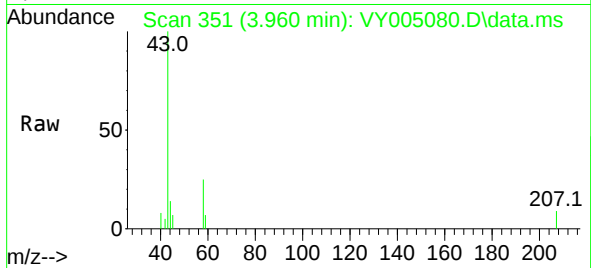
Tgt Ion: 59 Resp: 1115
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



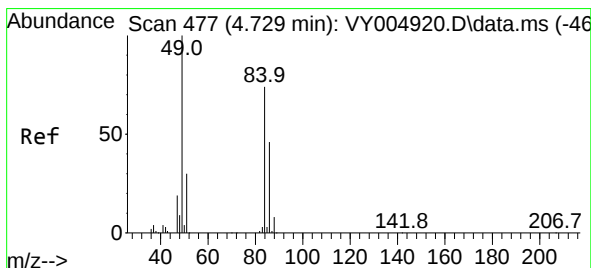
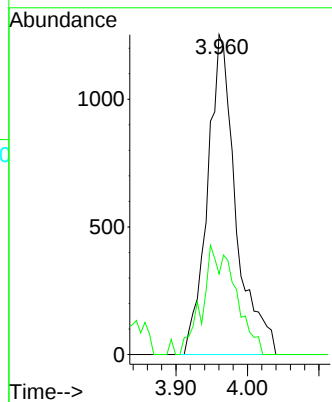
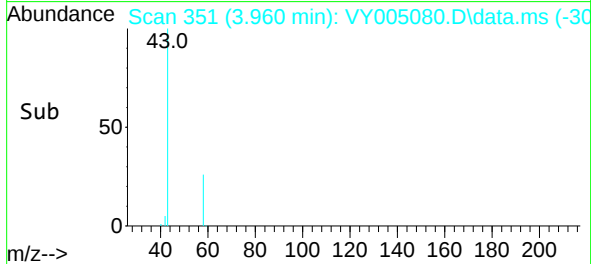


#16
Acetone
Concen: 6.813 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

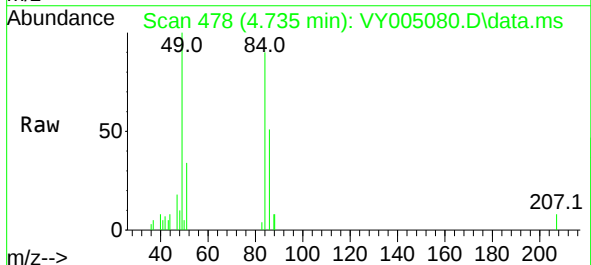
Instrument :
MSVOA_Y
ClientSampled :



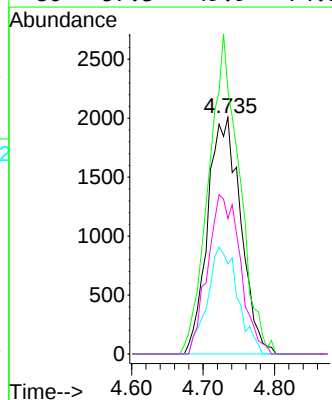
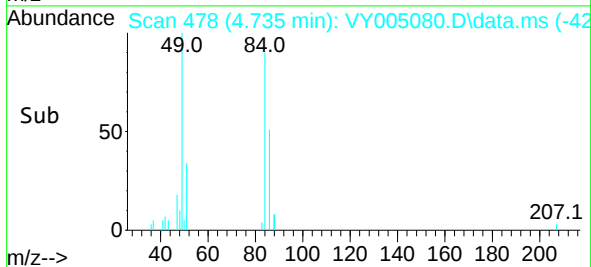
Tgt Ion: 43 Resp: 3452
Ion Ratio Lower Upper
43 100
58 25.2 25.3 37.9#

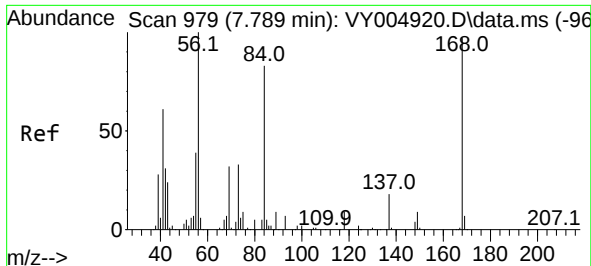


#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29



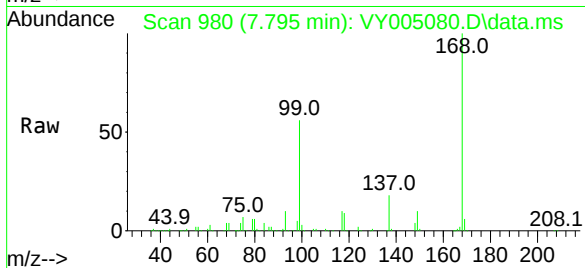
Tgt Ion: 84 Resp: 6427
Ion Ratio Lower Upper
84 100
49 111.5 108.0 162.0
51 38.1 32.6 48.8
86 57.3 49.9 74.9



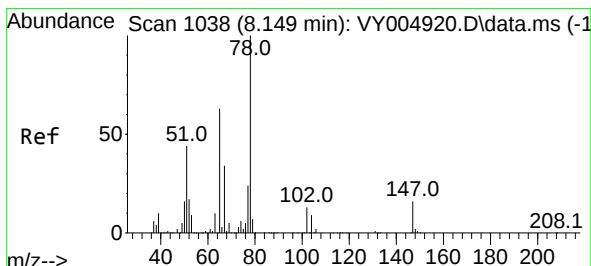
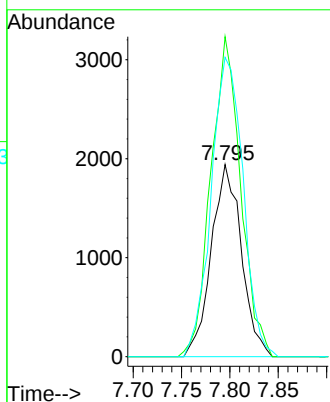
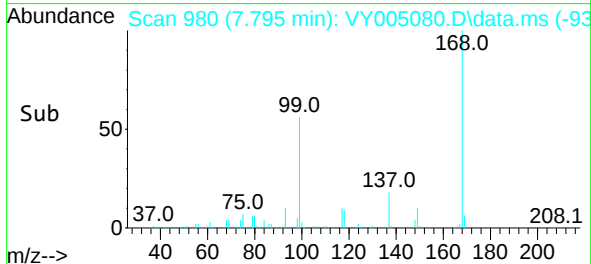


#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

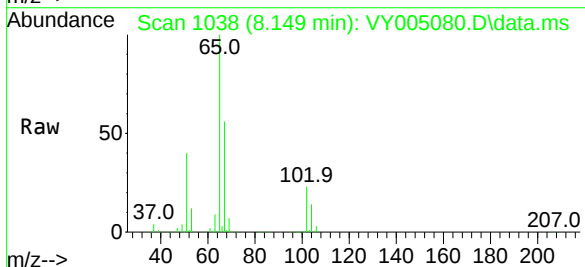
Instrument :
MSVOA_Y
ClientSampleId :



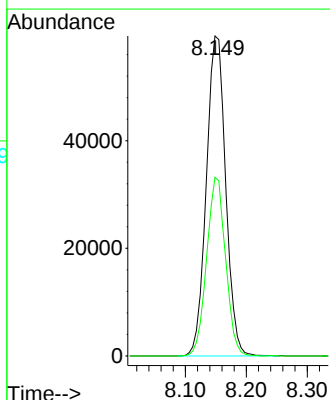
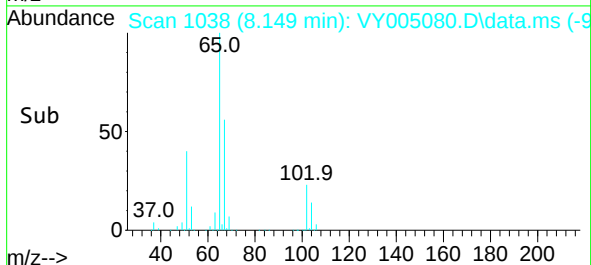
Tgt Ion: 56 Resp: 4195
Ion Ratio Lower Upper
56 100
69 166.6 25.3 37.9#
84 155.8 66.2 99.4#

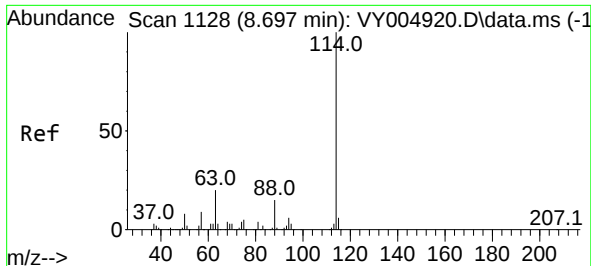


#33
1,2-Dichloroethane-d4
Concen: 62.369 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29



Tgt Ion: 65 Resp: 131275
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.6

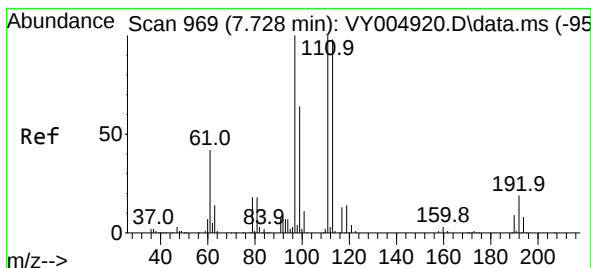
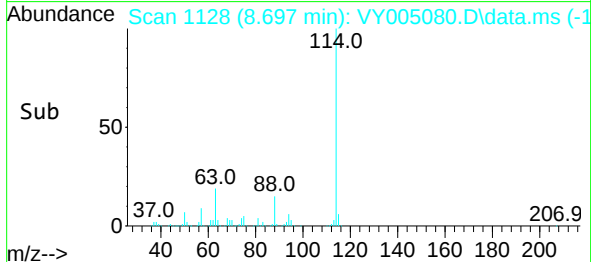
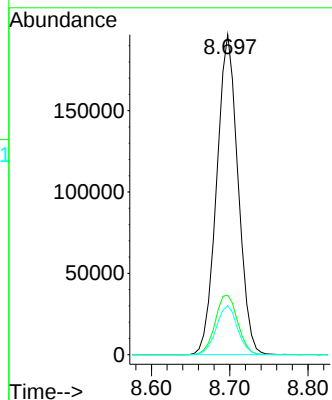
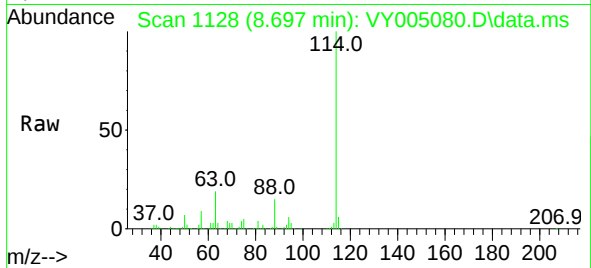




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

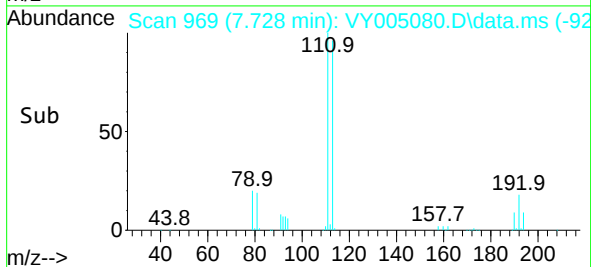
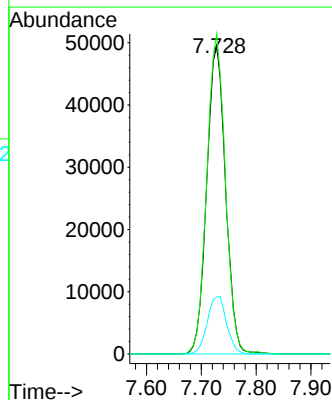
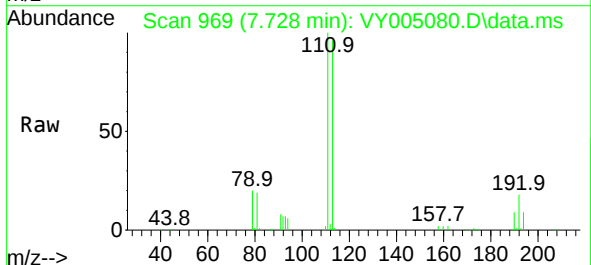
Instrument :
MSVOA_Y
ClientSampleId :

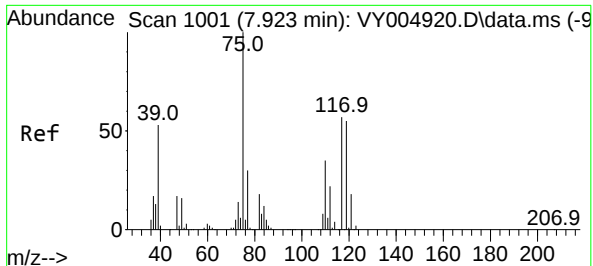
Tgt Ion:114 Resp: 372518
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.0
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 58.703 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

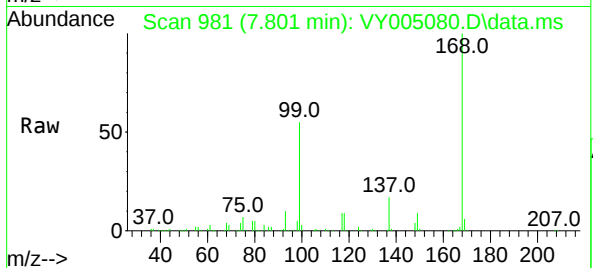
Tgt Ion:113 Resp: 117653
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 19.1 15.3 22.9



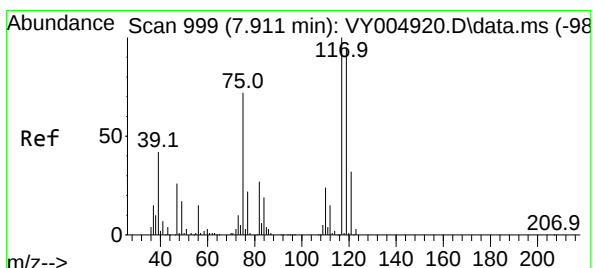
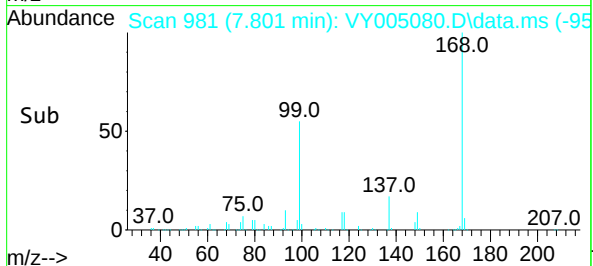
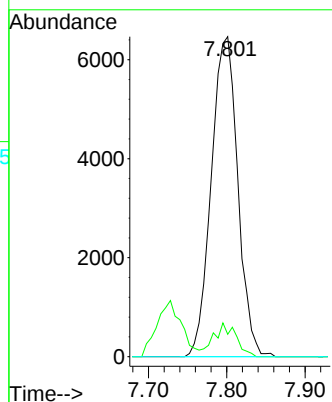


#36
 1,1-Dichloropropene
 Concen: 4.177 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY005080.D
 Acq: 10 Jun 2021 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :

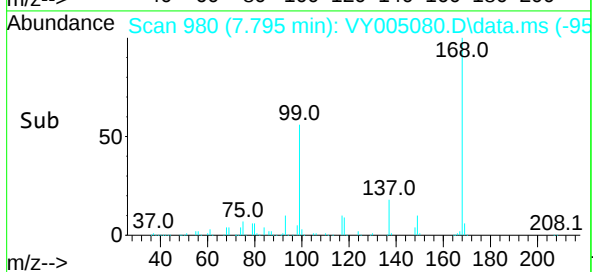
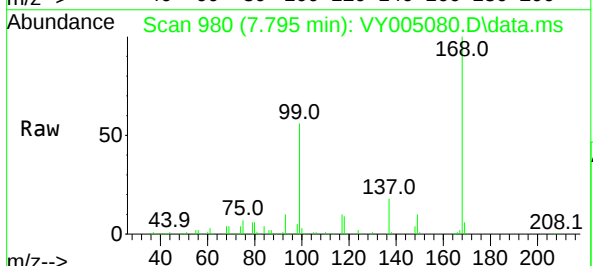
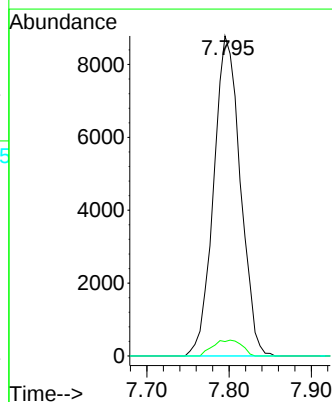


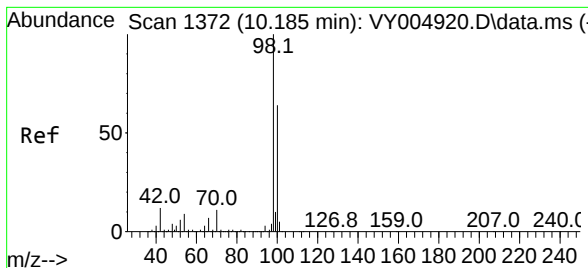
Tgt Ion: 75 Resp: 15227
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.5 52.5#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.241 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005080.D
 Acq: 10 Jun 2021 16:29

Tgt Ion: 117 Resp: 19801
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.1 114.1#
 121 0.0 25.5 38.3#

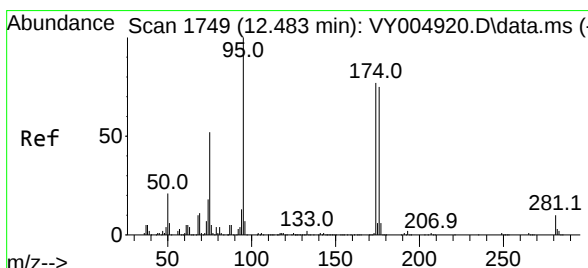
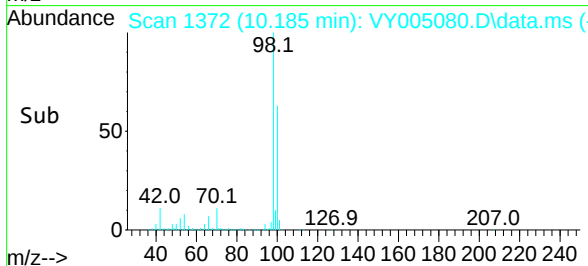
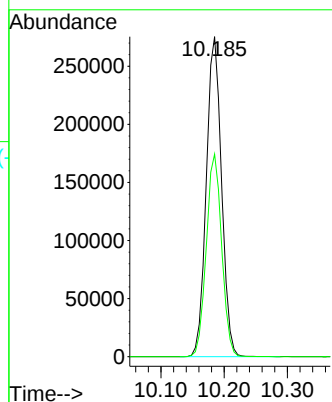
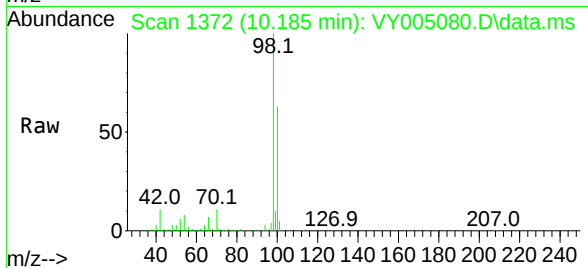




#50
Toluene-d8
Concen: 55.470 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

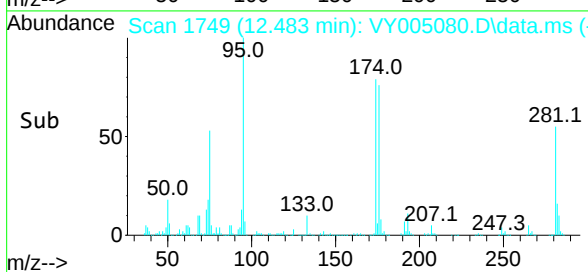
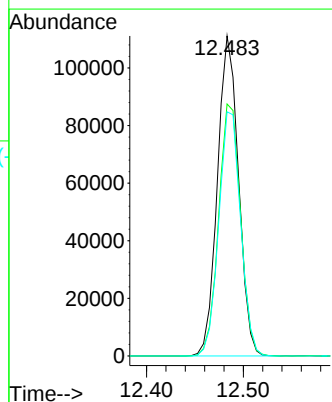
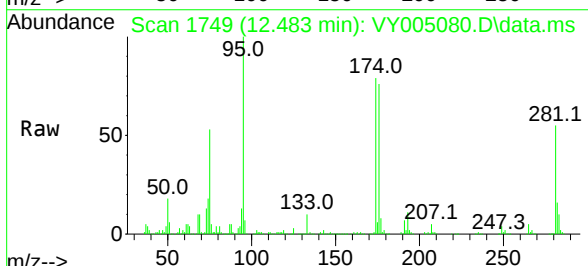
Instrument :
MSVOA_Y
ClientSampled :

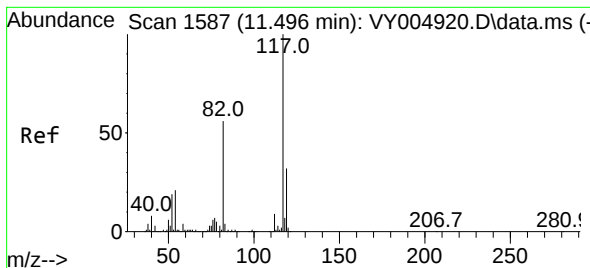
Tgt Ion: 98 Resp: 461716
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.642 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

Tgt Ion: 95 Resp: 167871
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.8
176 79.1 0.0 155.6

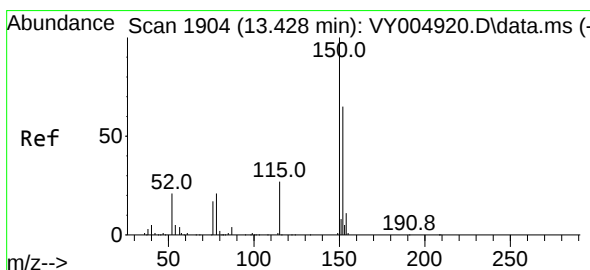
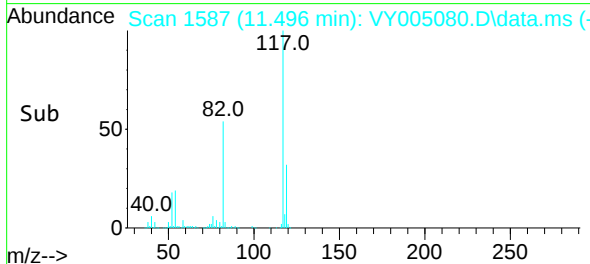
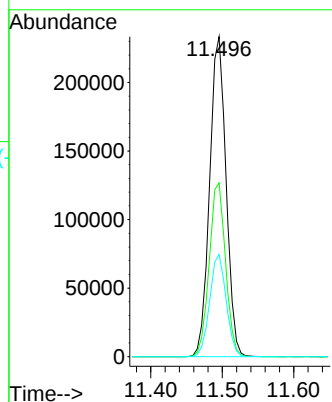
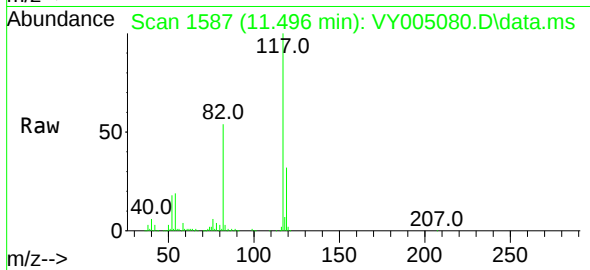




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

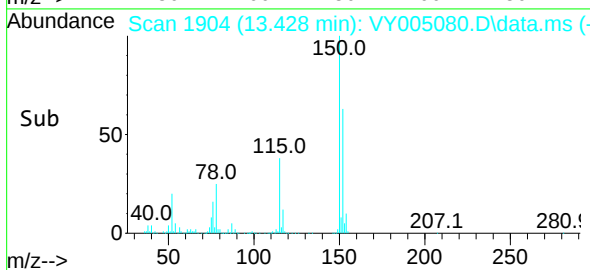
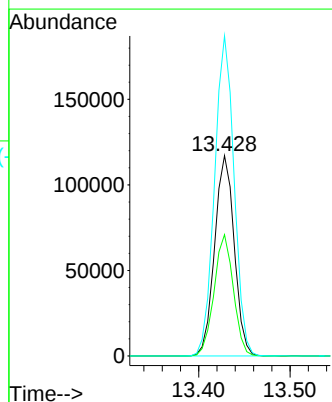
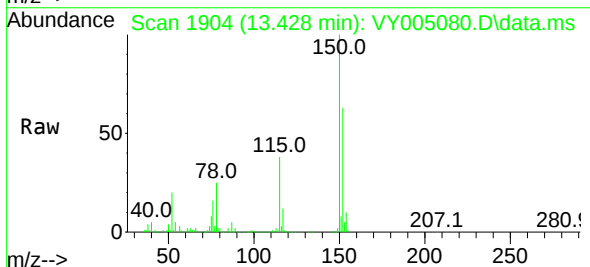
Instrument :
MSVOA_Y
ClientSampleId :

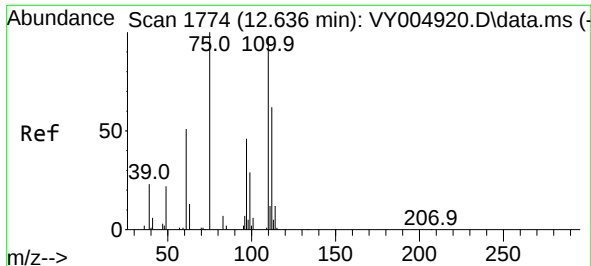
Tgt Ion:117 Resp: 371924
Ion Ratio Lower Upper
117 100
82 54.3 44.8 67.2
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

Tgt Ion:152 Resp: 174628
Ion Ratio Lower Upper
152 100
115 59.5 29.9 89.7
150 159.2 0.0 347.8

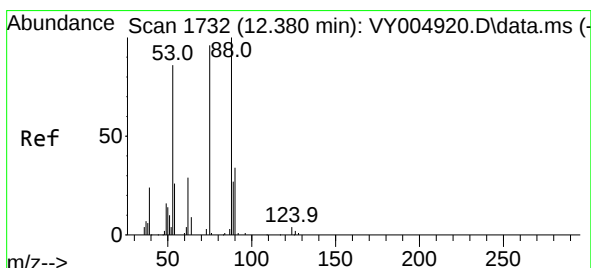
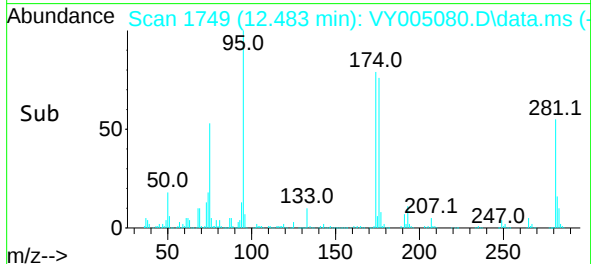
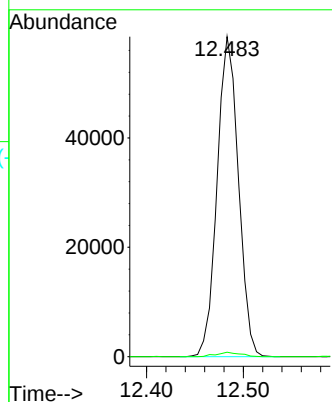
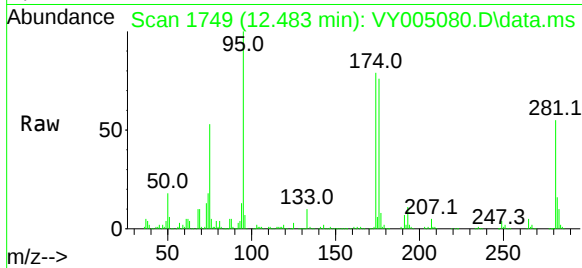




#76
1,2,3-Trichloropropane
Concen: 46.728 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 89449
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.875 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005080.D
Acq: 10 Jun 2021 16:29

Tgt Ion: 75 Resp: 89449
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 1.6 35.0 52.6#

