

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005108.D
 Acq On : 11 Jun 2021 05:36
 Operator : SY/MD
 Sample : M2678-02
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 07:09:04 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)

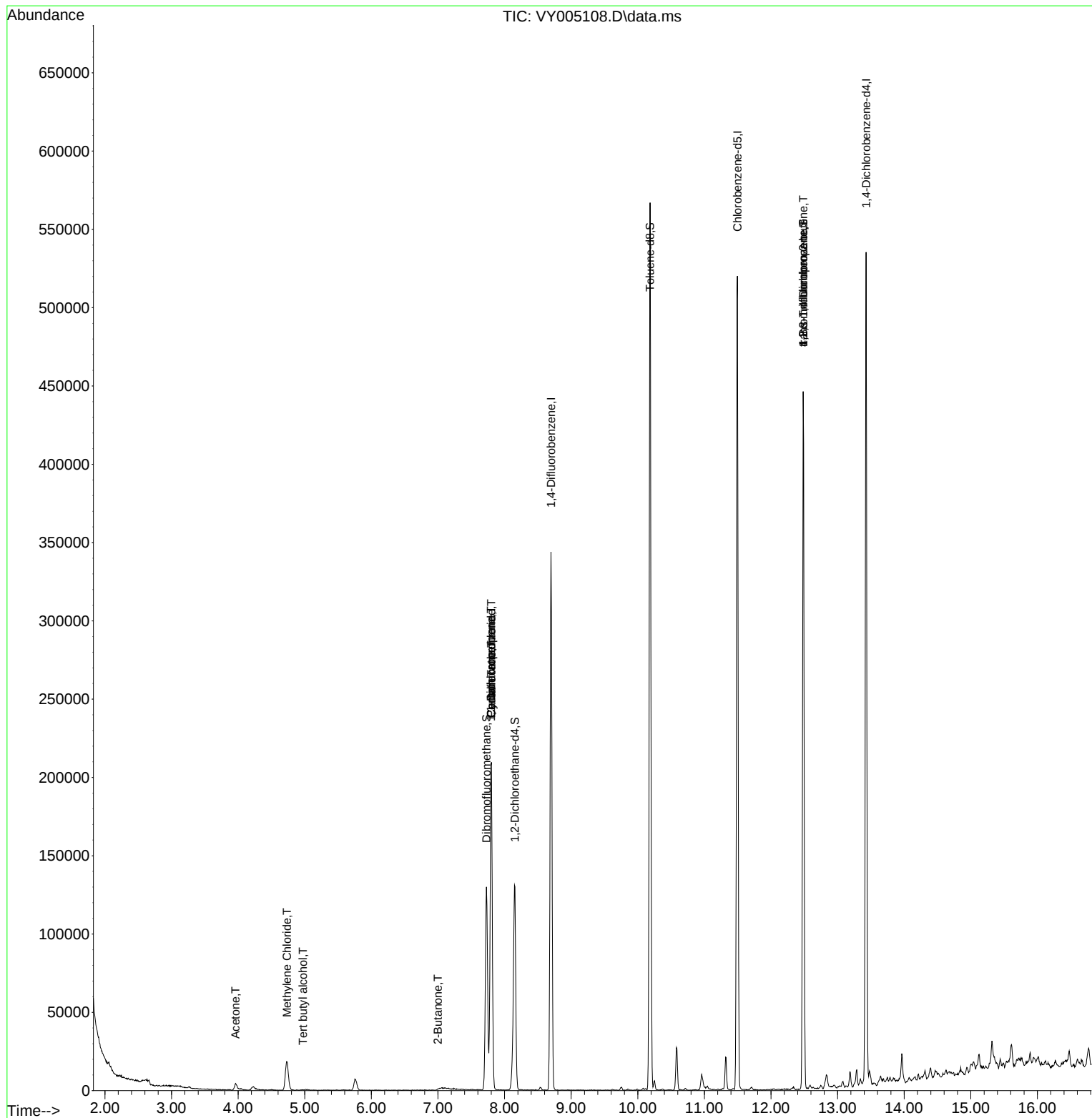
Internal Standards						
1) Pentafluorobenzene	7.801	168	161768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	291322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	288346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	100213	58.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.200%	
35) Dibromofluoromethane	7.728	113	90663	57.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.680%	
50) Toluene-d8	10.185	98	362421	55.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.360%	
62) 4-Bromofluorobenzene	12.483	95	122843	54.873	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	387	1.968	ug/l #	74
16) Acetone	3.960	43	7314	17.766	ug/l	89
20) Methylene Chloride	4.735	84	14797	1.746	ug/l	88
25) 2-Butanone	6.996	43	1149	1.660	ug/l #	81
31) Cyclohexane	7.801	56	3531	1.173	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	11954	4.193	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16430	6.622	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	65488	44.755	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65488	82.249	ug/l #	15

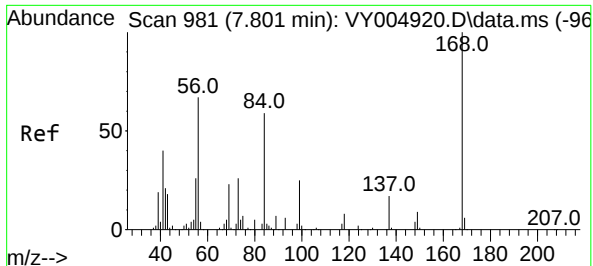
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

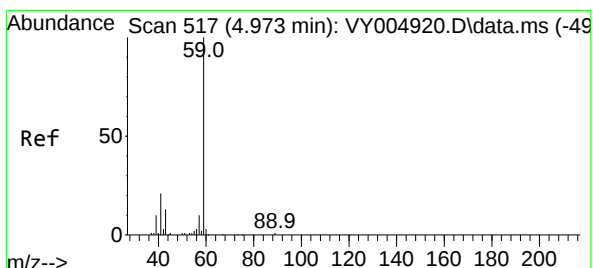
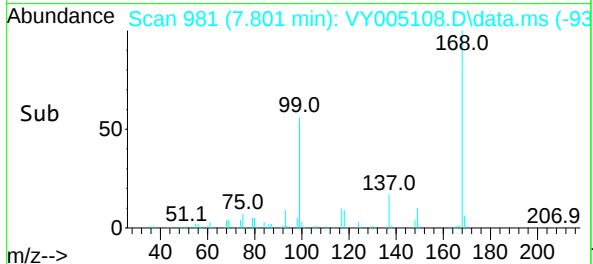
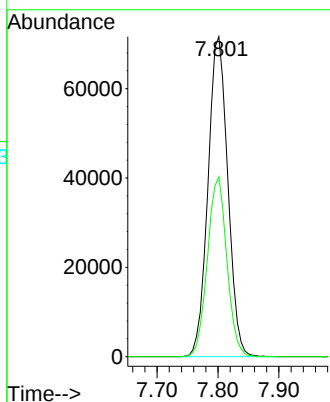
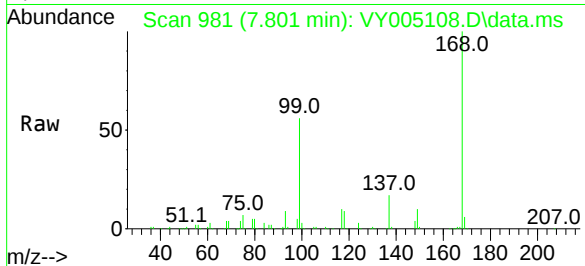




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

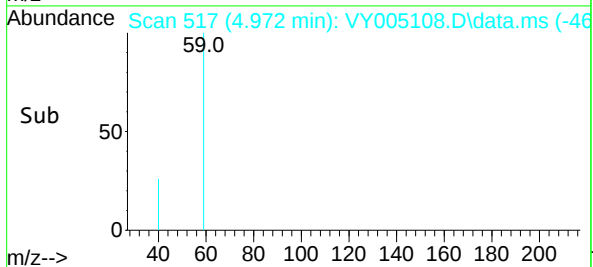
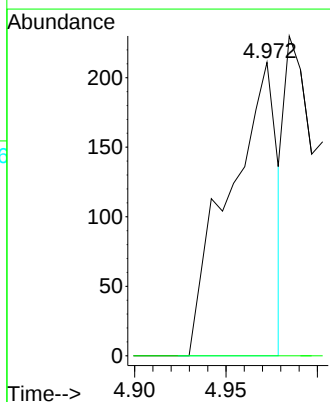
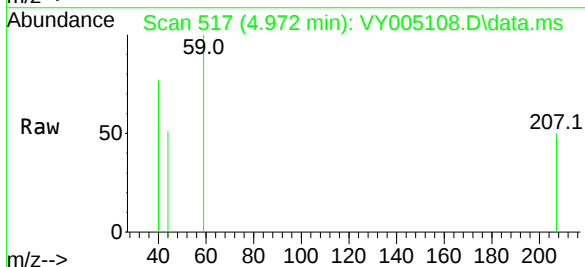
Instrument :
MSVOA_Y
ClientSampleId :

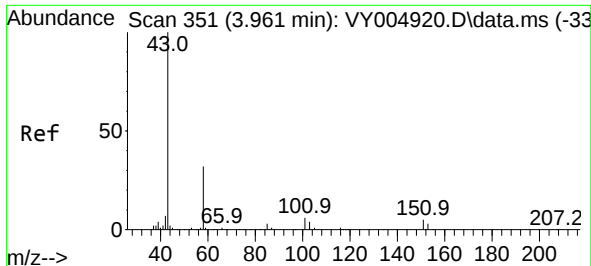
Tgt Ion:168 Resp: 161768
Ion Ratio Lower Upper
168 100
99 56.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.968 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

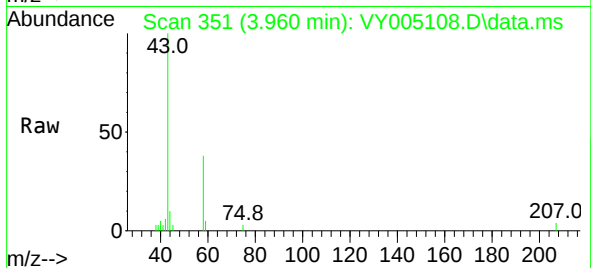
Tgt Ion: 59 Resp: 387
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



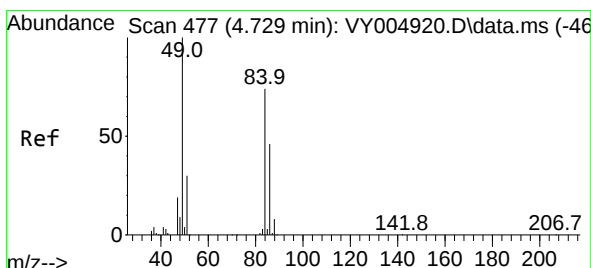
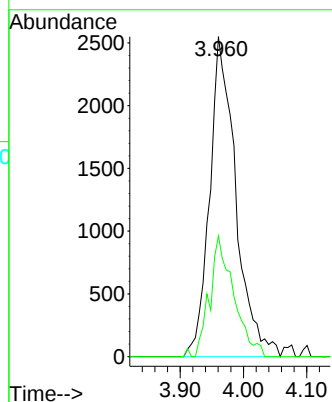
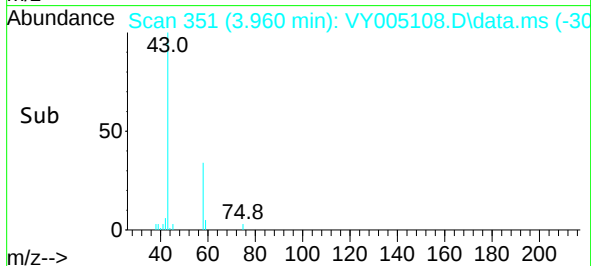


#16
Acetone
Concen: 17.766 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

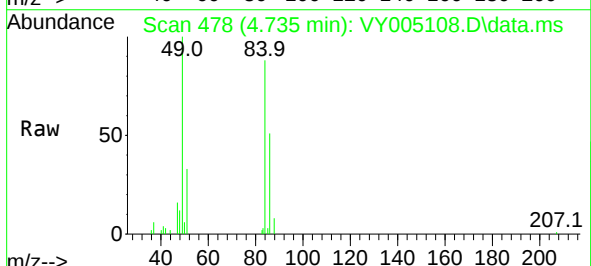
Instrument :
MSVOA_Y
ClientSampled :



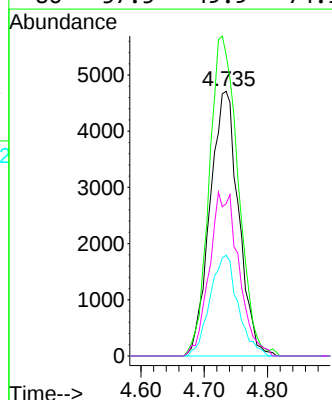
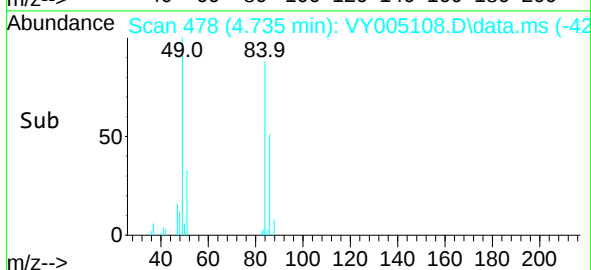
Tgt Ion: 43 Resp: 7314
Ion Ratio Lower Upper
43 100
58 37.8 25.3 37.9

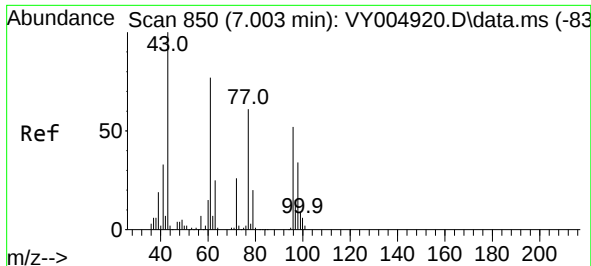


#20
Methylene Chloride
Concen: 1.746 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36



Tgt Ion: 84 Resp: 14797
Ion Ratio Lower Upper
84 100
49 113.8 108.0 162.0
51 38.1 32.6 48.8
86 57.5 49.9 74.9

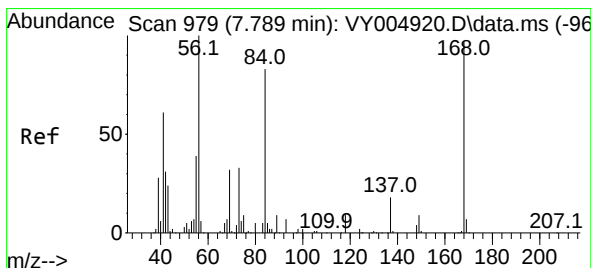
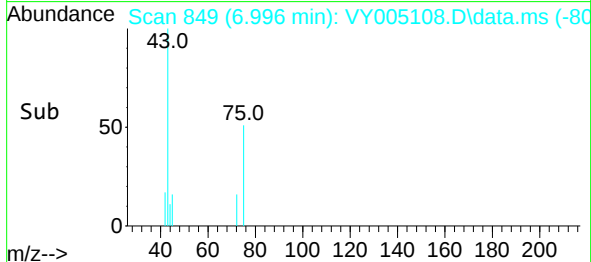
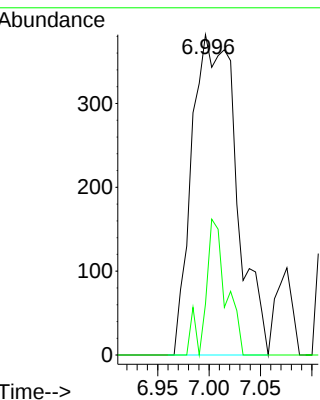
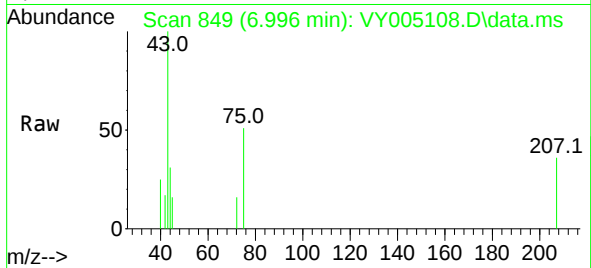




#25
2-Butanone
Concen: 1.660 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

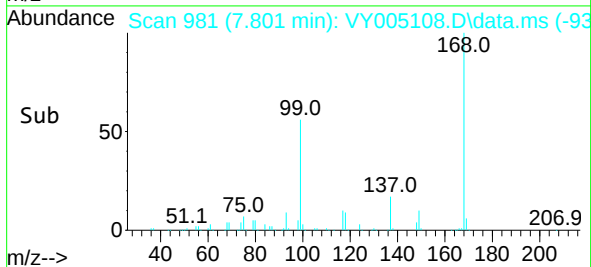
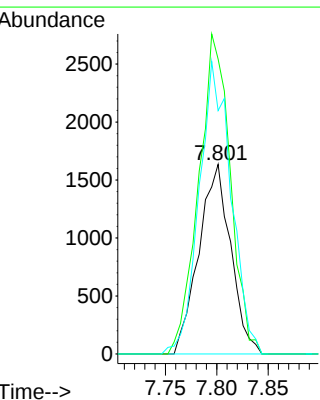
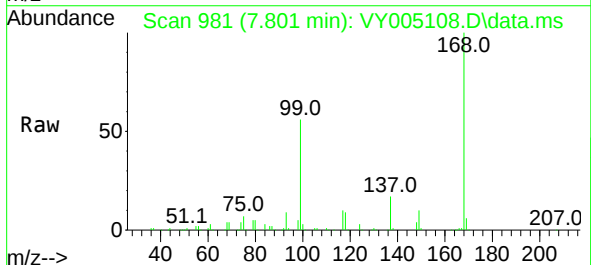
Instrument :
MSVOA_Y
ClientSampled :

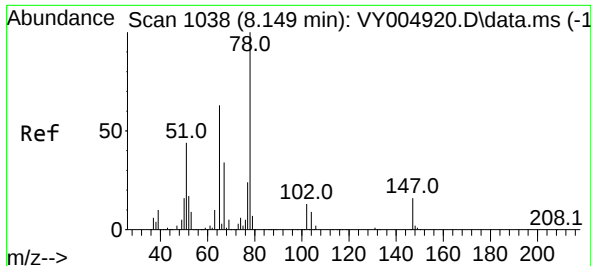
Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
72 16.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

Tgt Ion: 56 Resp: 3531
Ion Ratio Lower Upper
56 100
69 155.6 25.3 37.9#
84 128.4 66.2 99.4#

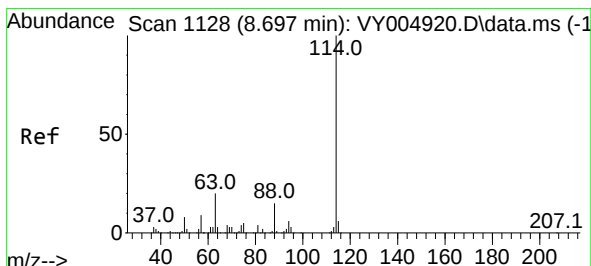
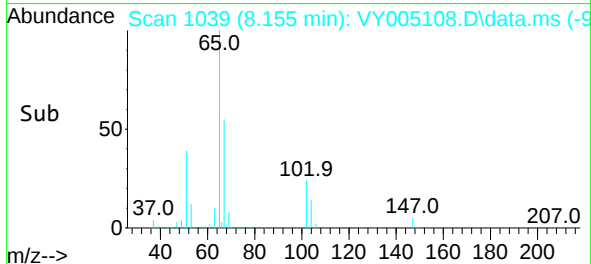
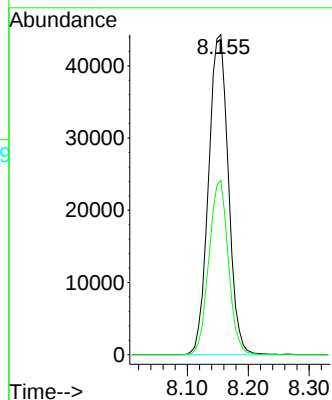
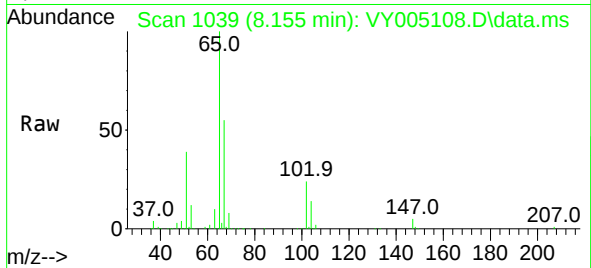




#33
1,2-Dichloroethane-d4
Concen: 58.598 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

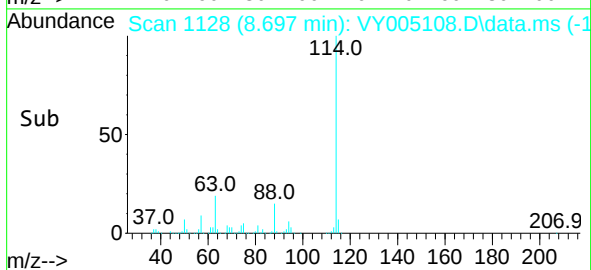
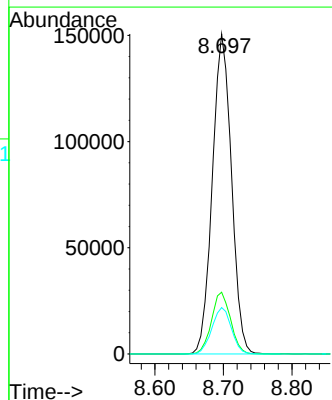
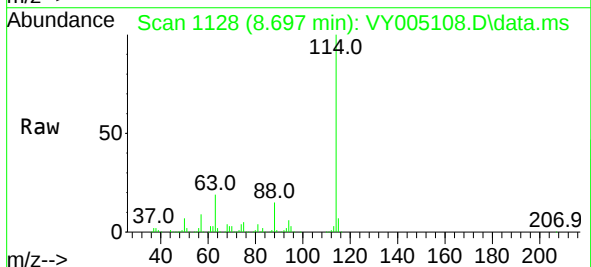
Instrument :
MSVOA_Y
ClientSampled :

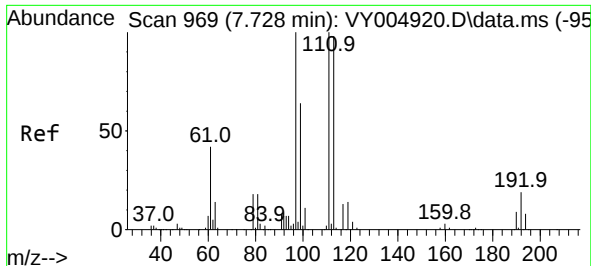
Tgt Ion: 65 Resp: 100213
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

Tgt Ion: 114 Resp: 291322
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.0
88 14.5 0.0 30.6

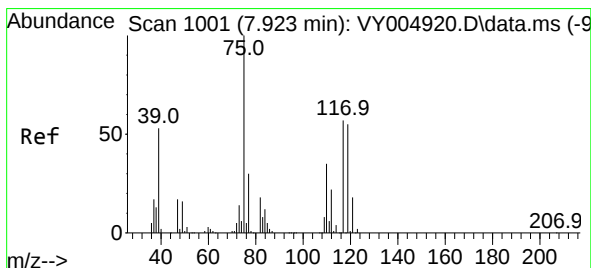
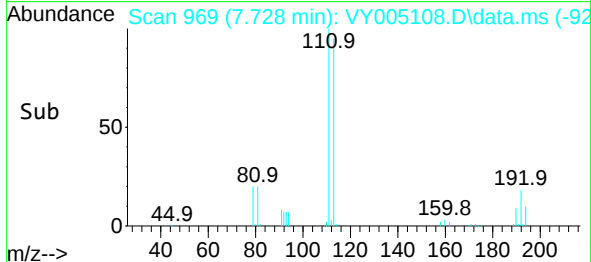
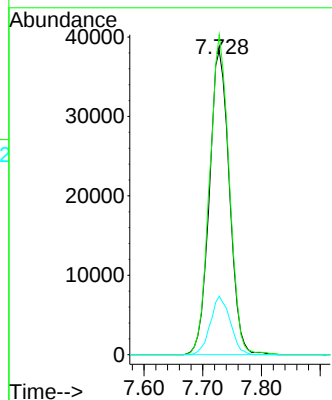
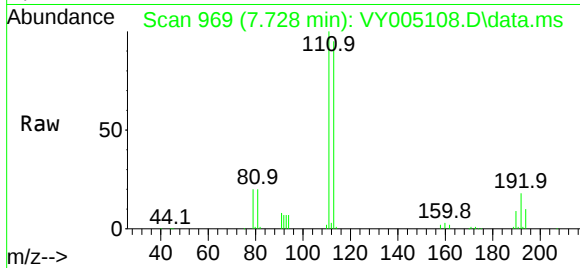




#35
Dibromofluoromethane
Concen: 57.845 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

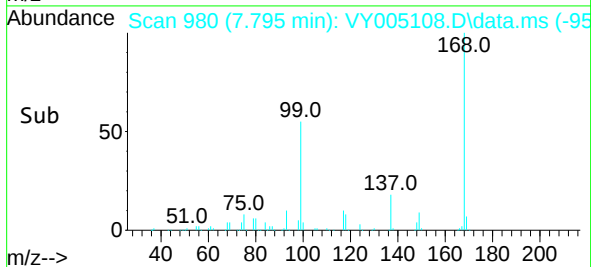
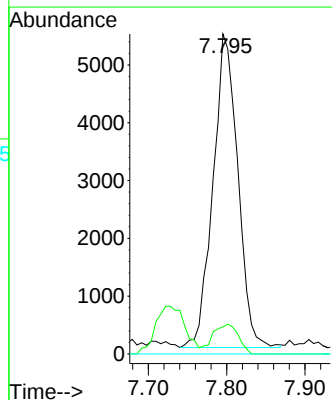
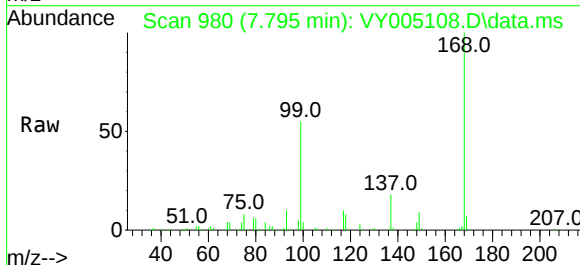
Instrument :
MSVOA_Y
ClientSampleId :

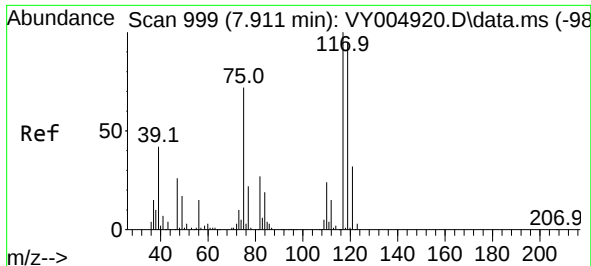
Tgt Ion:	113	Resp:	90663
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	19.1	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.193 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

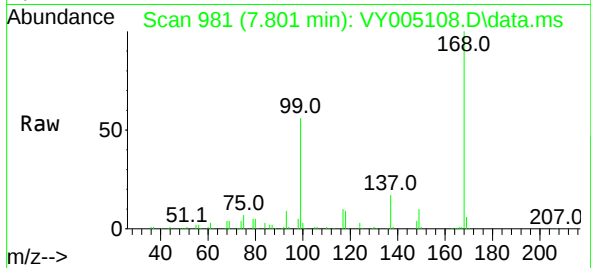
Tgt Ion:	75	Resp:	11954
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.5	52.5#
77	0.0	25.1	37.7#



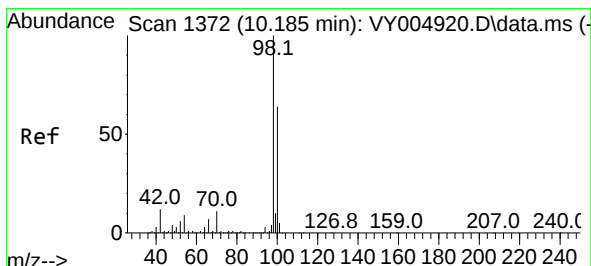
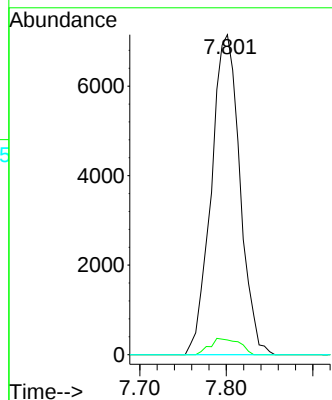
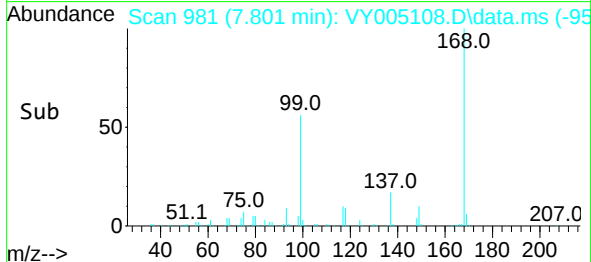


#38
Carbon Tetrachloride
Concen: 6.622 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

Instrument :
MSVOA_Y
ClientSampled :

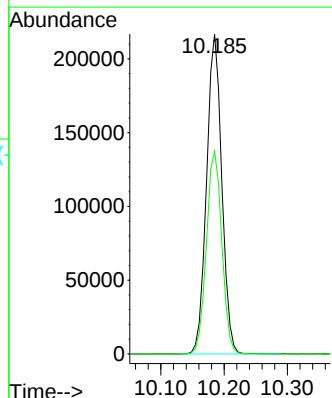
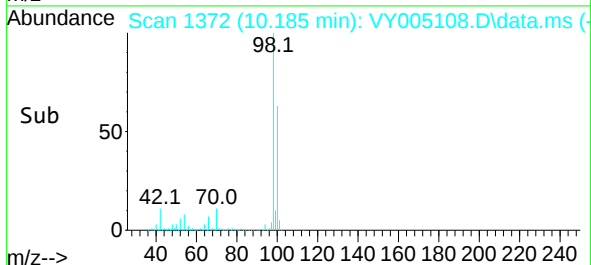
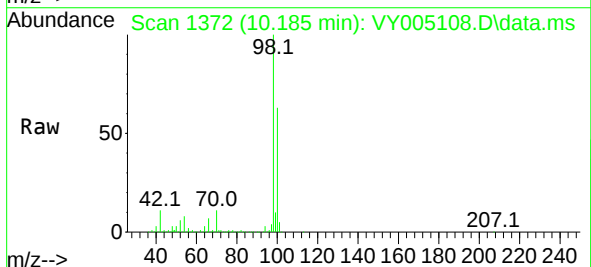


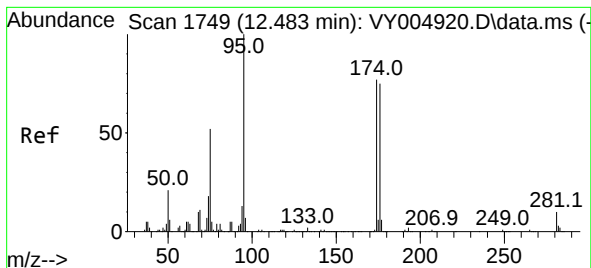
Tgt Ion:117 Resp: 16430
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 55.676 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

Tgt Ion: 98 Resp: 362421
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

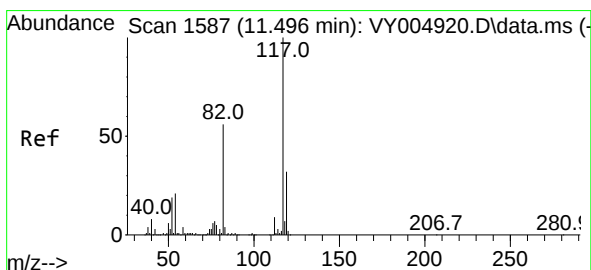
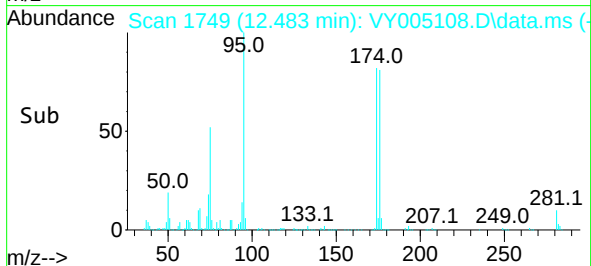
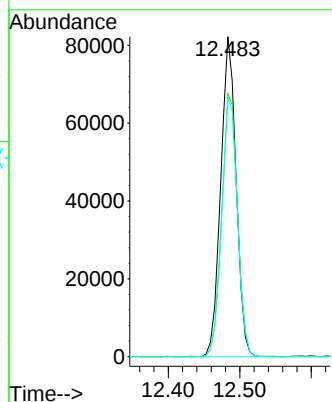
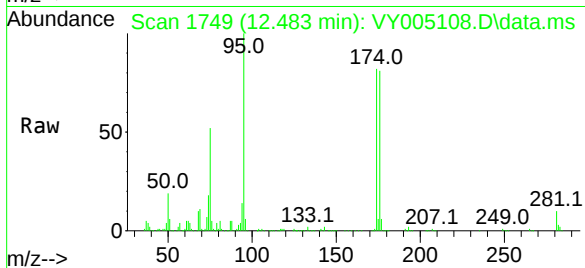




#62
4-Bromofluorobenzene
Concen: 54.873 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

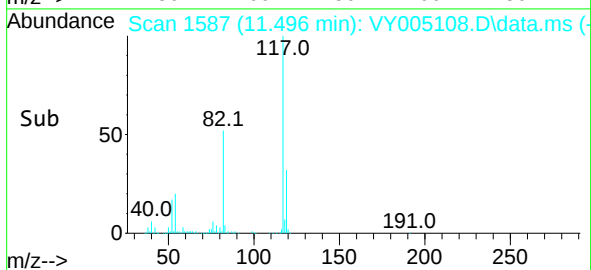
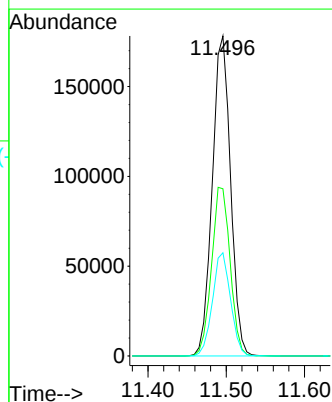
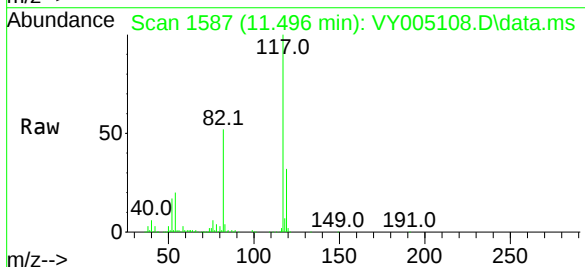
Instrument :
MSVOA_Y
ClientSampleId :

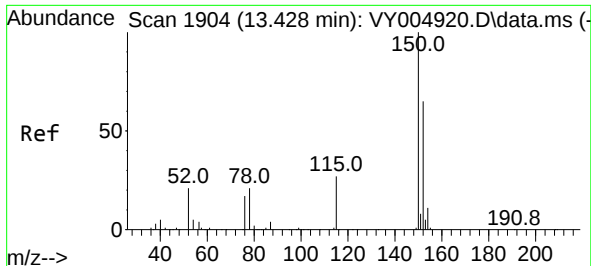
Tgt Ion: 95 Resp: 122843
Ion Ratio Lower Upper
95 100
174 84.4 0.0 160.8
176 82.5 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005108.D
Acq: 11 Jun 2021 05:36

Tgt Ion: 117 Resp: 288346
Ion Ratio Lower Upper
117 100
82 52.3 44.8 67.2
119 32.3 25.2 37.8

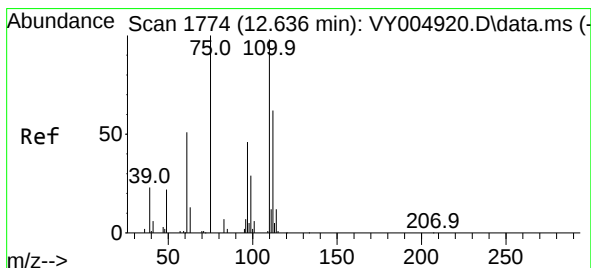
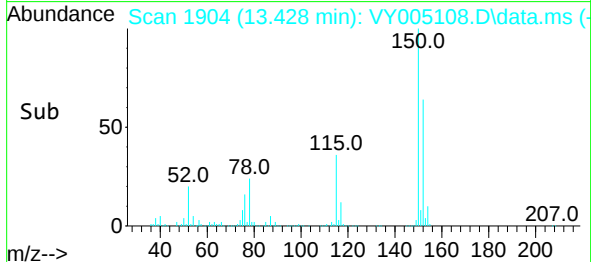
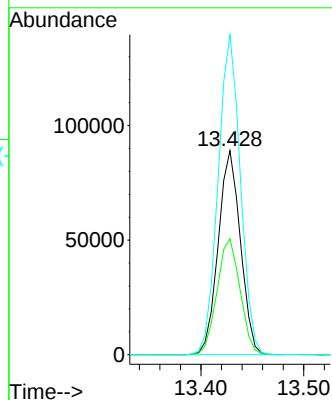
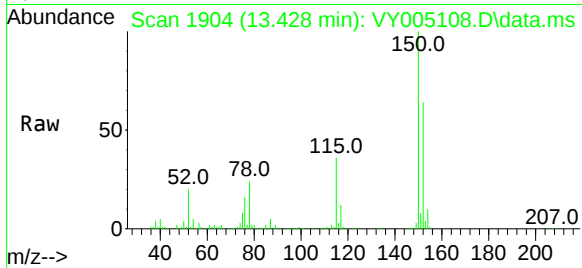




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005108.D
 Acq: 11 Jun 2021 05:36

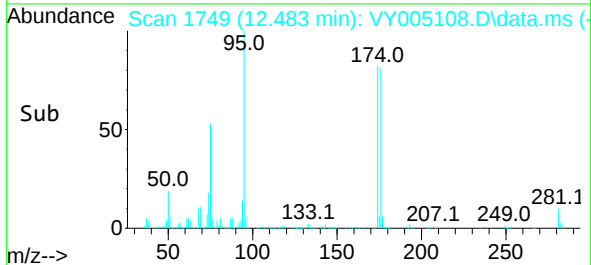
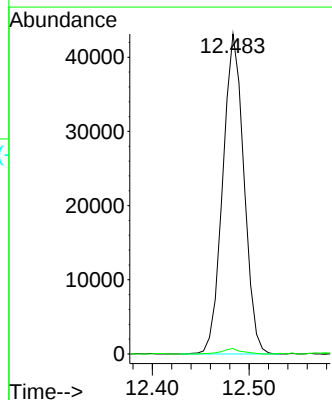
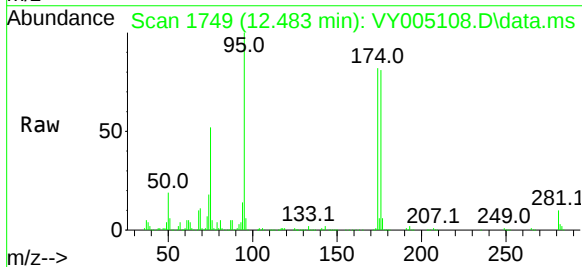
Instrument :
 MSVOA_Y
 ClientSampled :

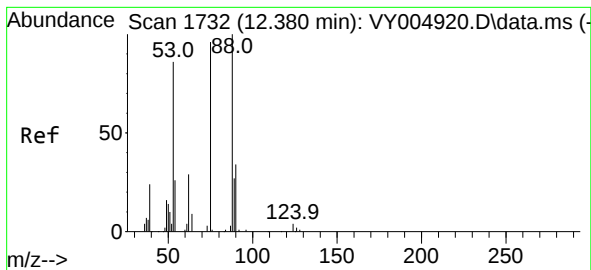
Tgt Ion:152 Resp: 133486
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.9 89.7
 150 157.3 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 44.755 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005108.D
 Acq: 11 Jun 2021 05:36

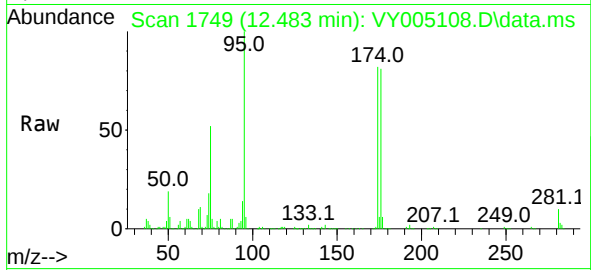
Tgt Ion: 75 Resp: 65488
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.249 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005108.D
 Acq: 11 Jun 2021 05:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 65488
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.3 103.9#
 89 0.2 35.0 52.6#

