

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004997.D
 Acq On : 07 Jun 2021 16:56
 Operator : SY/MD
 Sample : M2612-14
 Misc : 8.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:09:42 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)

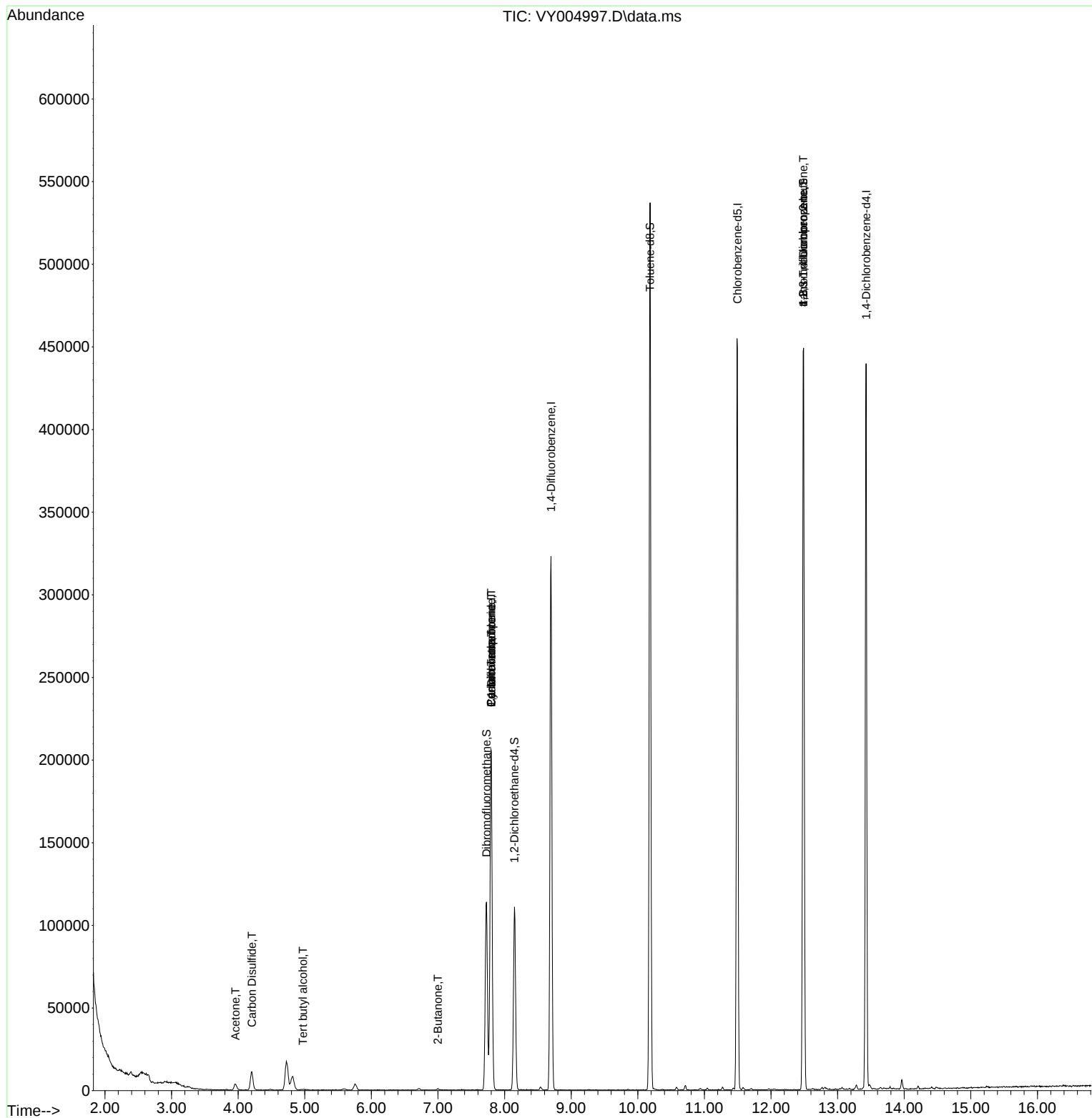
Internal Standards						
1) Pentafluorobenzene	7.801	168	156352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	274411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	243866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	83736	50.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.320%	
35) Dibromofluoromethane	7.728	113	80413	54.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.940%	
50) Toluene-d8	10.185	98	337455	55.036	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.080%	
62) 4-Bromofluorobenzene	12.483	95	100838	47.819	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	484	2.546	ug/l #	74
16) Acetone	3.960	43	6810	17.115	ug/l	95
17) Carbon Disulfide	4.204	76	22617	4.577	ug/l	99
25) 2-Butanone	6.996	43	1208	1.805	ug/l #	74
31) Cyclohexane	7.801	56	3583	1.231	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	13144	4.894	ug/l #	49
38) Carbon Tetrachloride	7.801	117	15928	6.815	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	54638	47.559	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54638	87.403	ug/l #	16

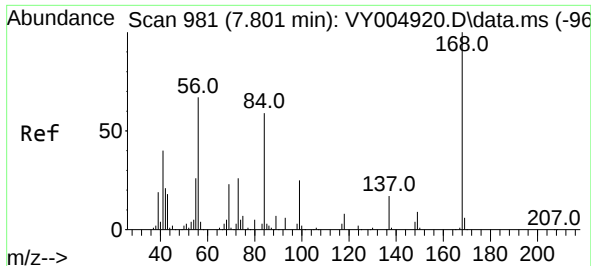
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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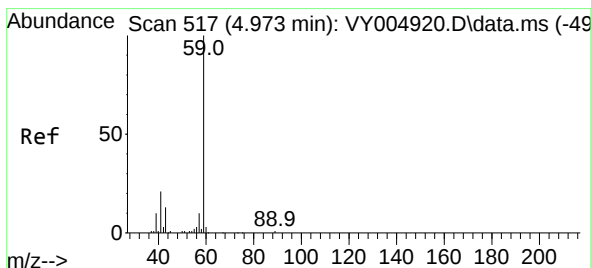
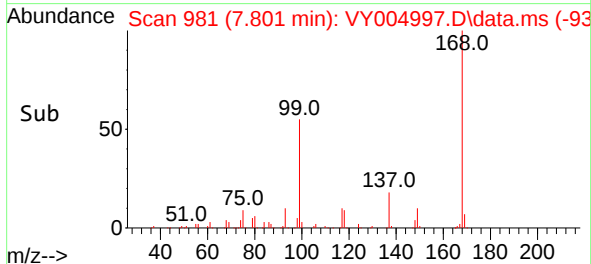
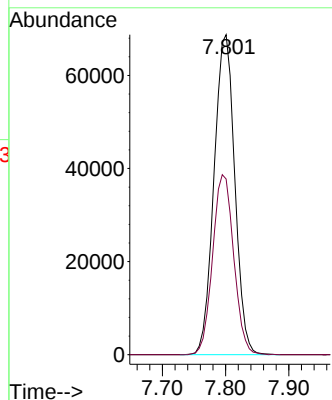
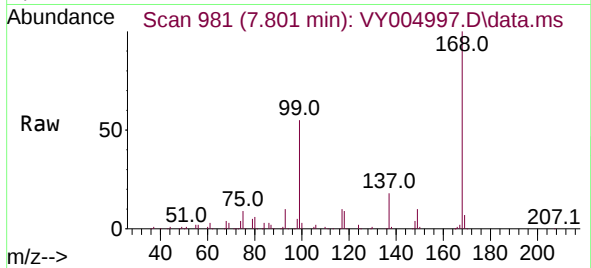




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

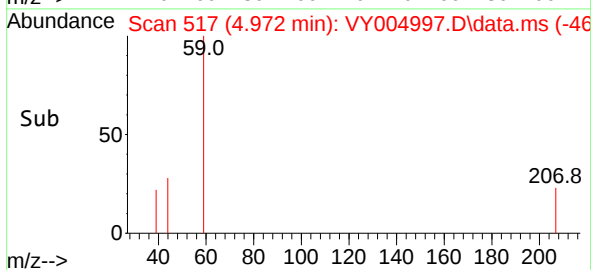
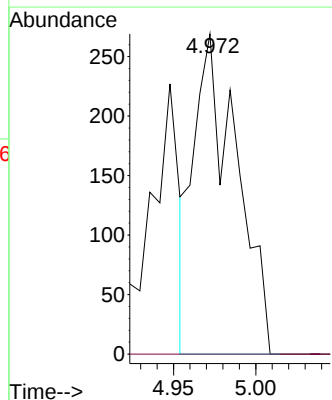
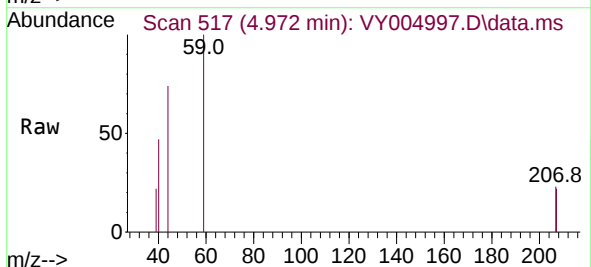
Instrument :
MSVOA_Y
ClientSampleId :

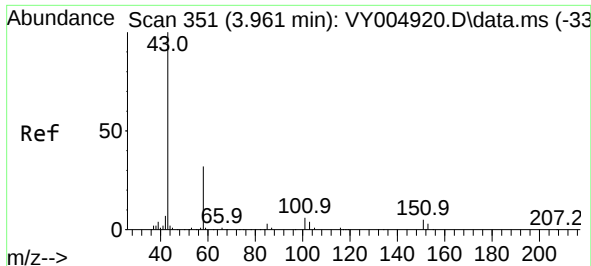
Tgt Ion:168 Resp: 156352
Ion Ratio Lower Upper
168 100
99 54.9 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.546 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

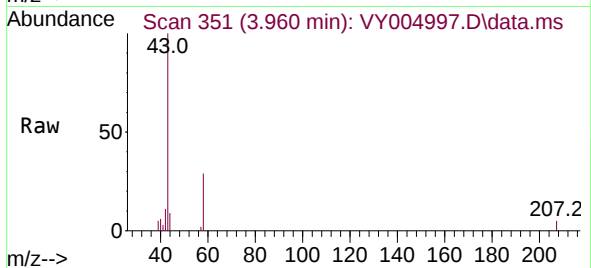
Tgt Ion: 59 Resp: 484
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



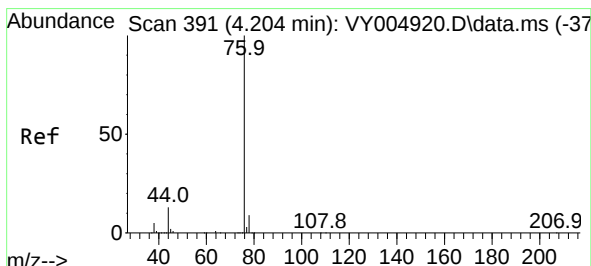
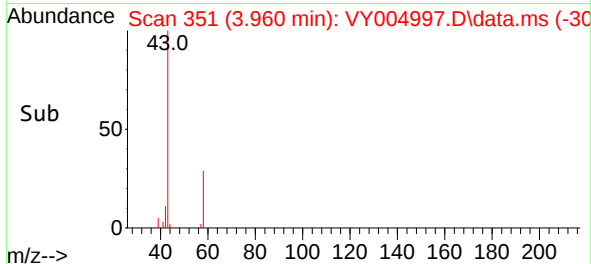
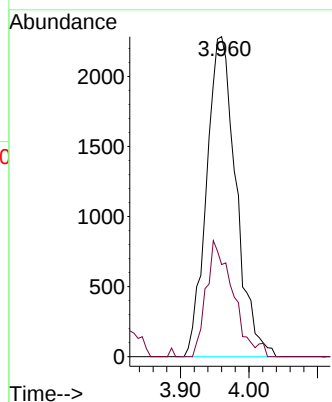


#16
Acetone
Concen: 17.115 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

Instrument :
MSVOA_Y
ClientSampled :

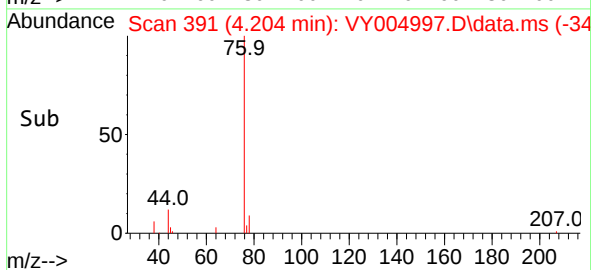
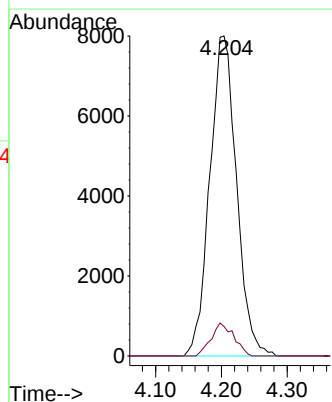
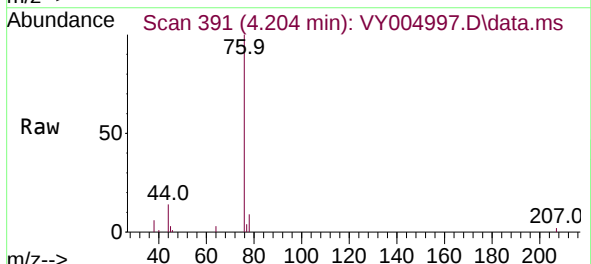


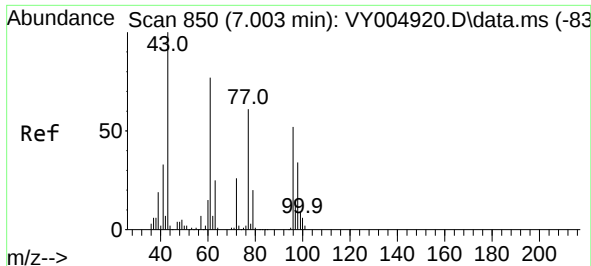
Tgt Ion: 43 Resp: 6810
Ion Ratio Lower Upper
43 100
58 28.8 25.3 37.9



#17
Carbon Disulfide
Concen: 4.577 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

Tgt Ion: 76 Resp: 22617
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

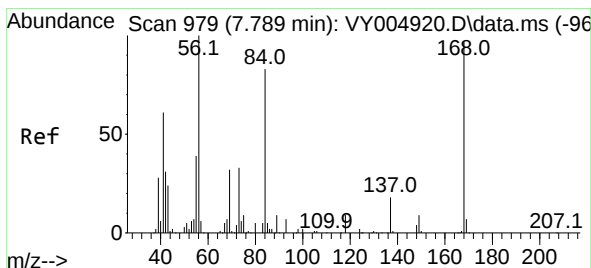
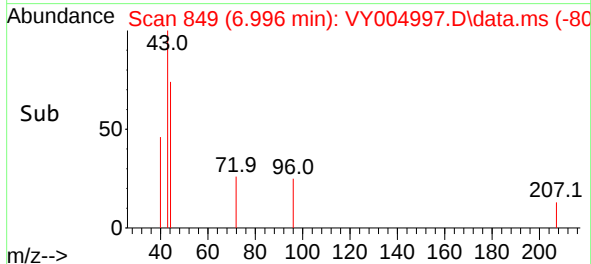
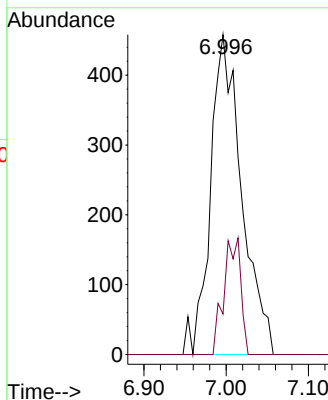
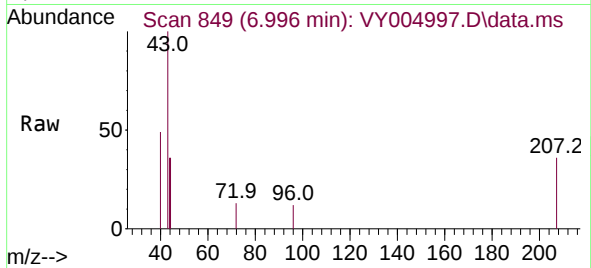




#25
2-Butanone
Concen: 1.805 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

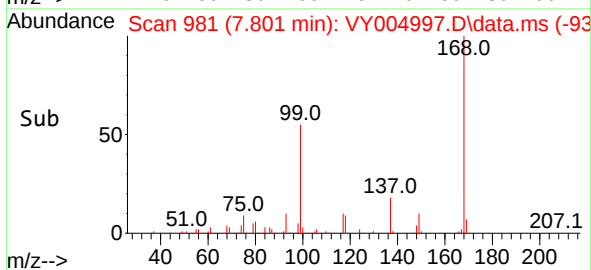
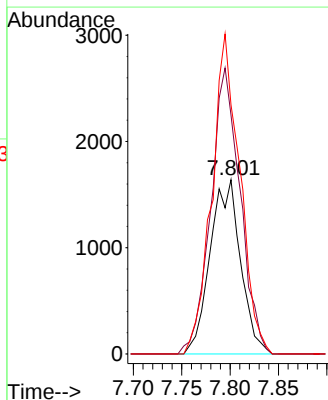
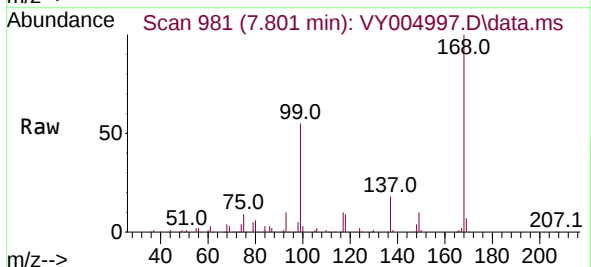
Instrument :
MSVOA_Y
ClientSampled :

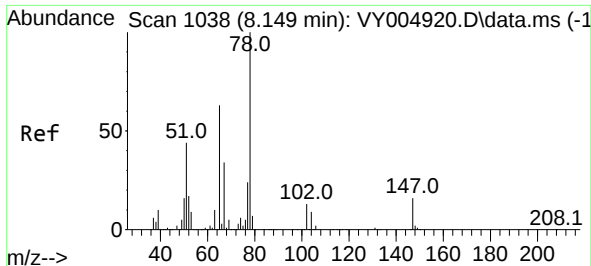
Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
72 12.7 20.6 31.0#



#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

Tgt Ion: 56 Resp: 3583
Ion Ratio Lower Upper
56 100
69 137.1 25.3 37.9#
84 143.0 66.2 99.4#

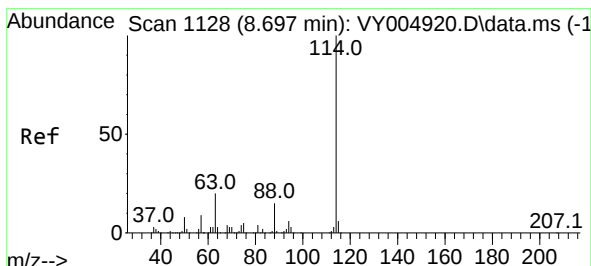
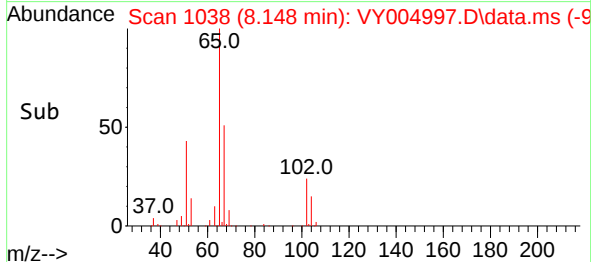
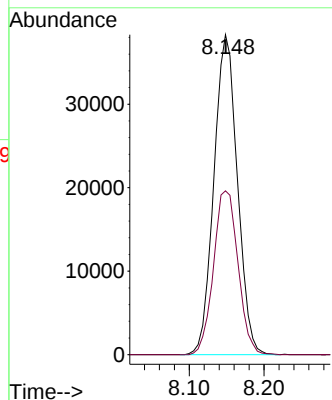
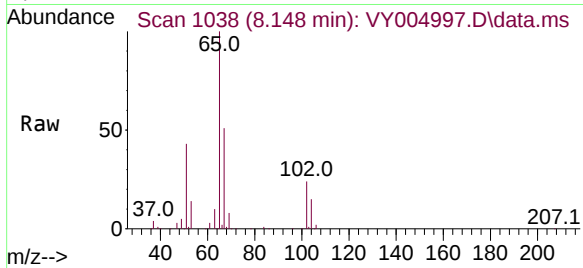




#33
1,2-Dichloroethane-d4
Concen: 50.660 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

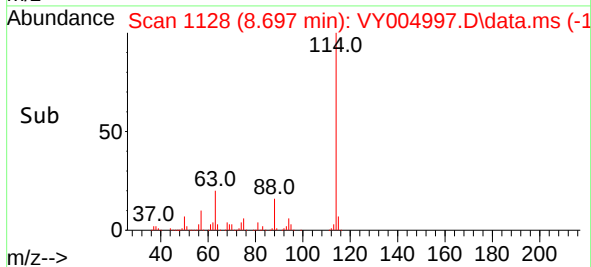
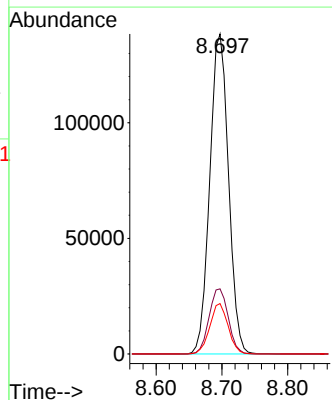
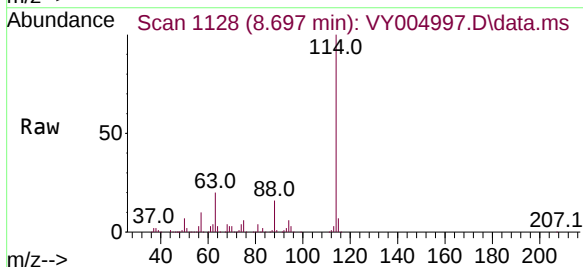
Instrument :
MSVOA_Y
ClientSampled :

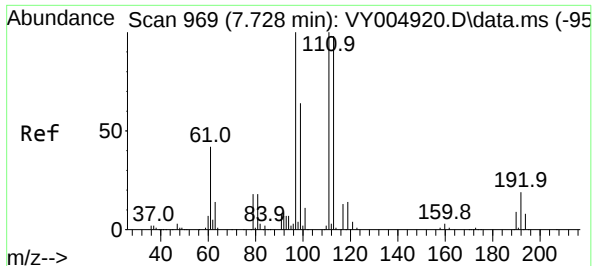
Tgt Ion: 65 Resp: 83736
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

Tgt Ion:114 Resp: 274411
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.0
88 15.8 0.0 30.6

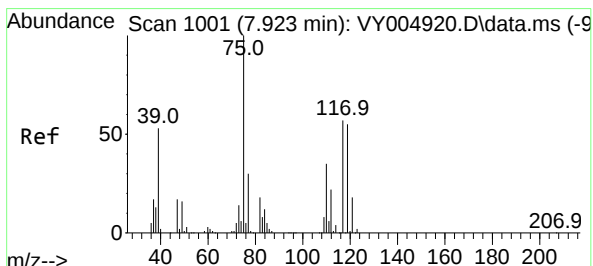
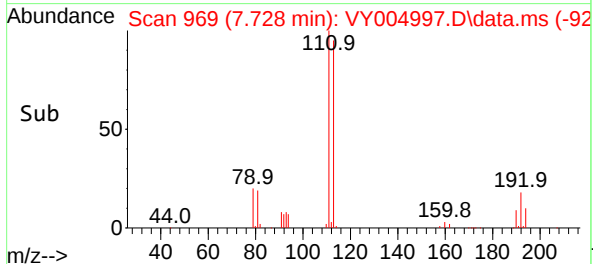
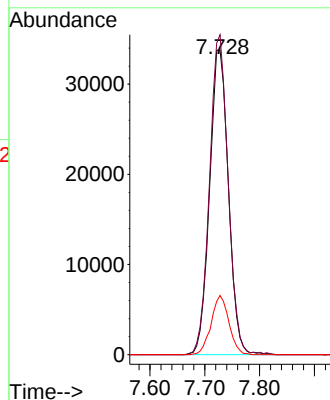
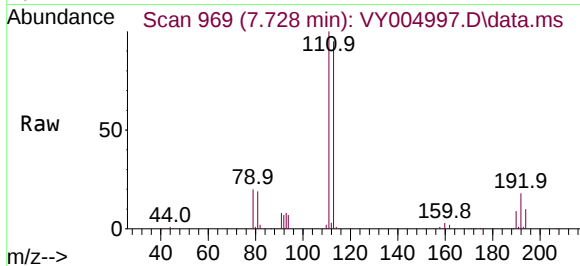




#35
Dibromofluoromethane
Concen: 54.467 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

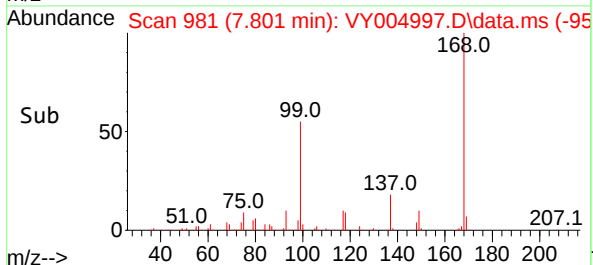
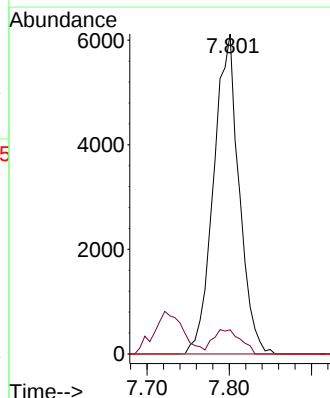
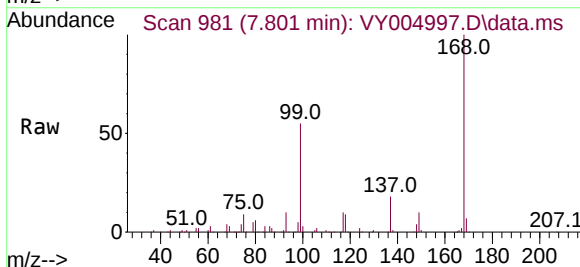
Instrument :
MSVOA_Y
ClientSampleId :

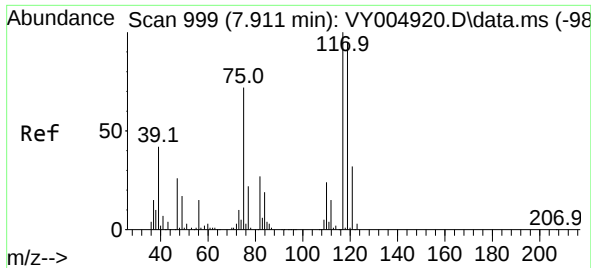
Tgt Ion:	113	Resp:	80413
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	18.4	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.894 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

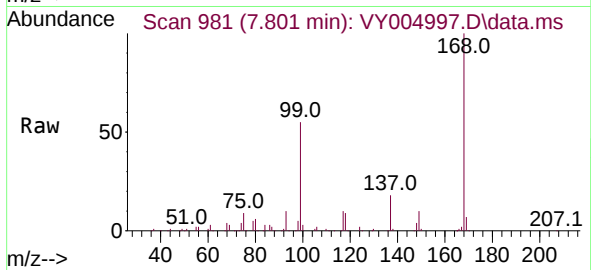
Tgt Ion:	75	Resp:	13144
Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.5	52.5#
77	0.0	25.1	37.7#



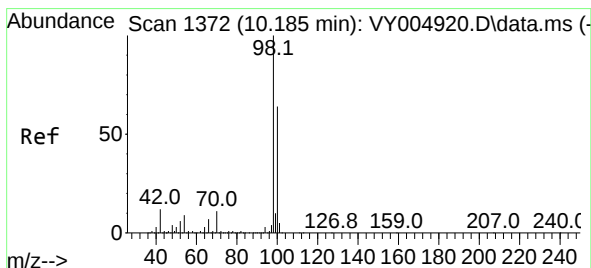
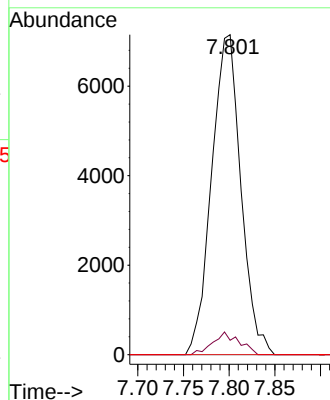
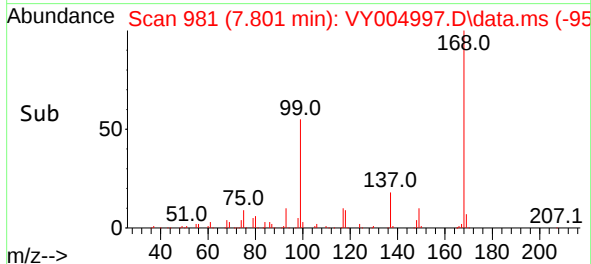


#38
Carbon Tetrachloride
Concen: 6.815 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

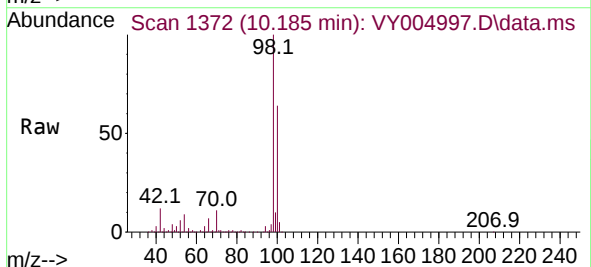
Instrument :
MSVOA_Y
ClientSampleId :



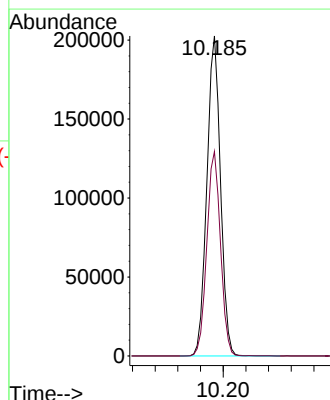
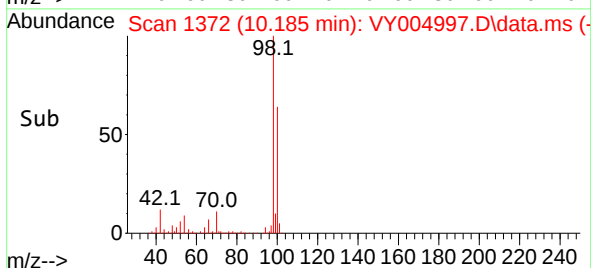
Tgt Ion:117 Resp: 15928
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 25.5 38.3#

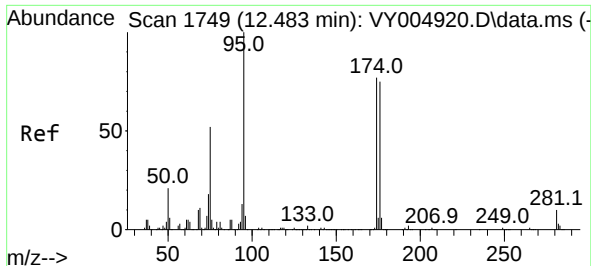


#50
Toluene-d8
Concen: 55.036 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56



Tgt Ion: 98 Resp: 337455
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

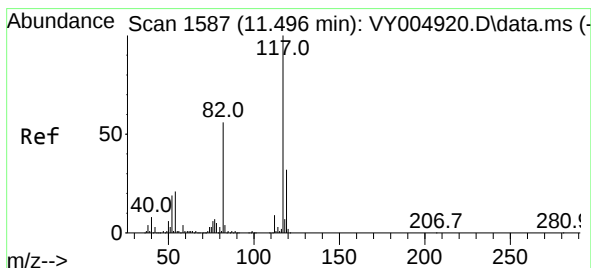
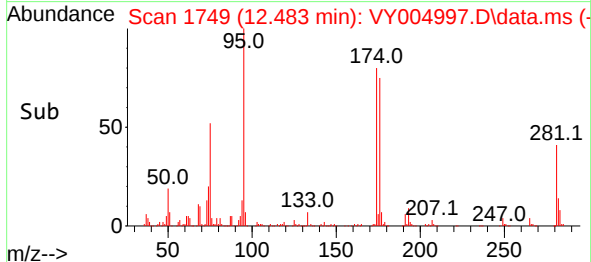
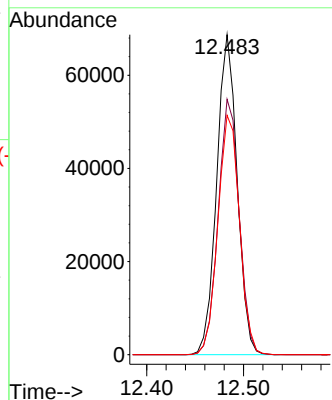
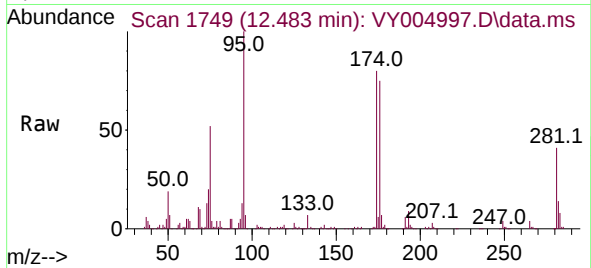




#62
4-Bromofluorobenzene
Concen: 47.819 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

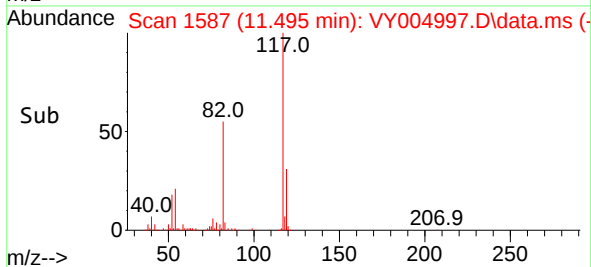
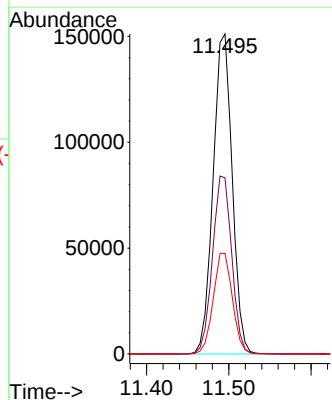
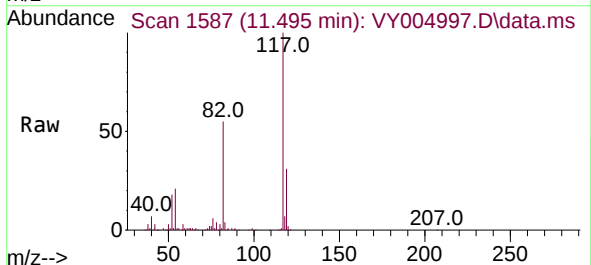
Instrument :
MSVOA_Y
ClientSampleId :

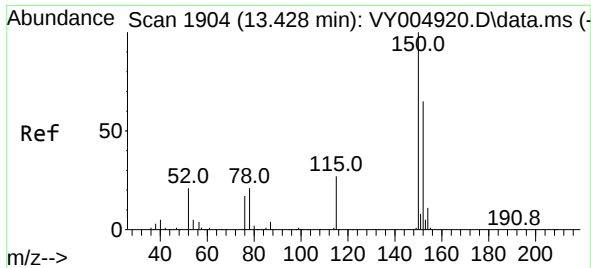
Tgt Ion: 95 Resp: 100838
Ion Ratio Lower Upper
95 100
174 81.8 0.0 160.8
176 78.9 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004997.D
Acq: 07 Jun 2021 16:56

Tgt Ion: 117 Resp: 243866
Ion Ratio Lower Upper
117 100
82 55.1 44.8 67.2
119 31.5 25.2 37.8

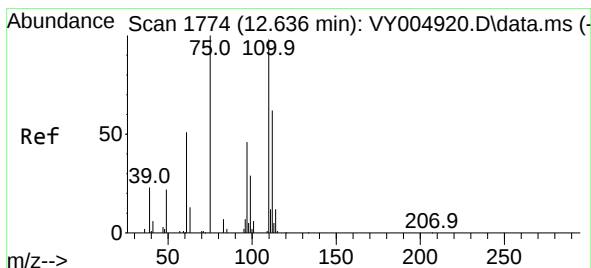
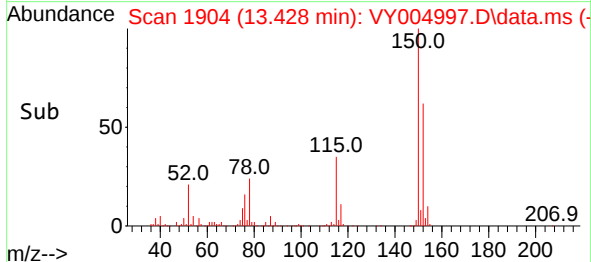
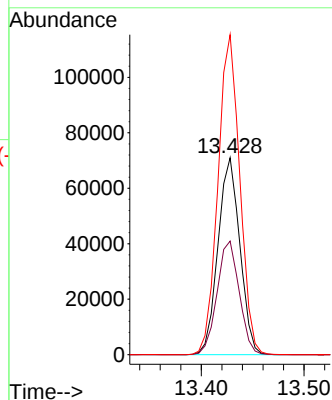
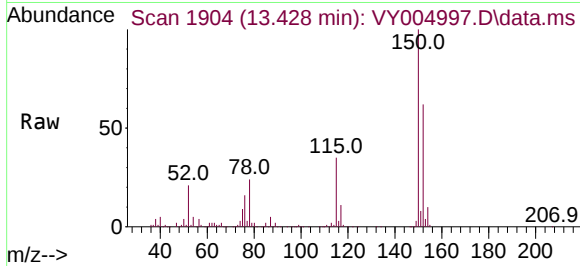




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004997.D
 Acq: 07 Jun 2021 16:56

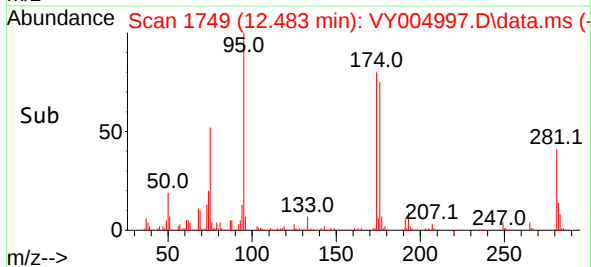
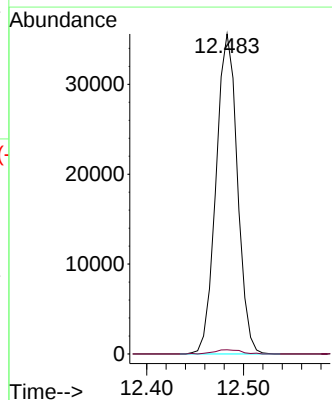
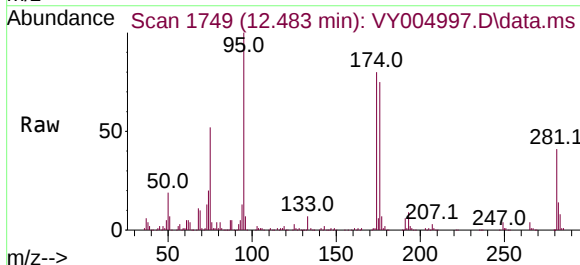
Instrument :
 MSVOA_Y
 ClientSampled :

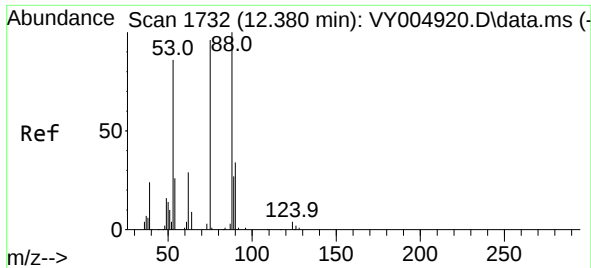
Tgt Ion:152 Resp: 104803
 Ion Ratio Lower Upper
 152 100
 115 58.4 29.9 89.7
 150 161.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 47.559 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004997.D
 Acq: 07 Jun 2021 16:56

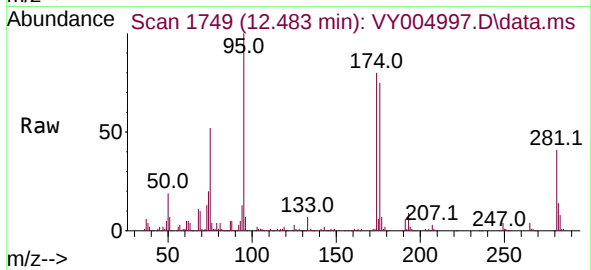
Tgt Ion: 75 Resp: 54638
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.403 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004997.D
 Acq: 07 Jun 2021 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 54638
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.3 103.9#
 89 1.4 35.0 52.6#

