

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005099.D
 Acq On : 11 Jun 2021 01:43
 Operator : SY/MD
 Sample : M2672-14
 Misc : 5.73G/5ML/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 07:07:09 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)

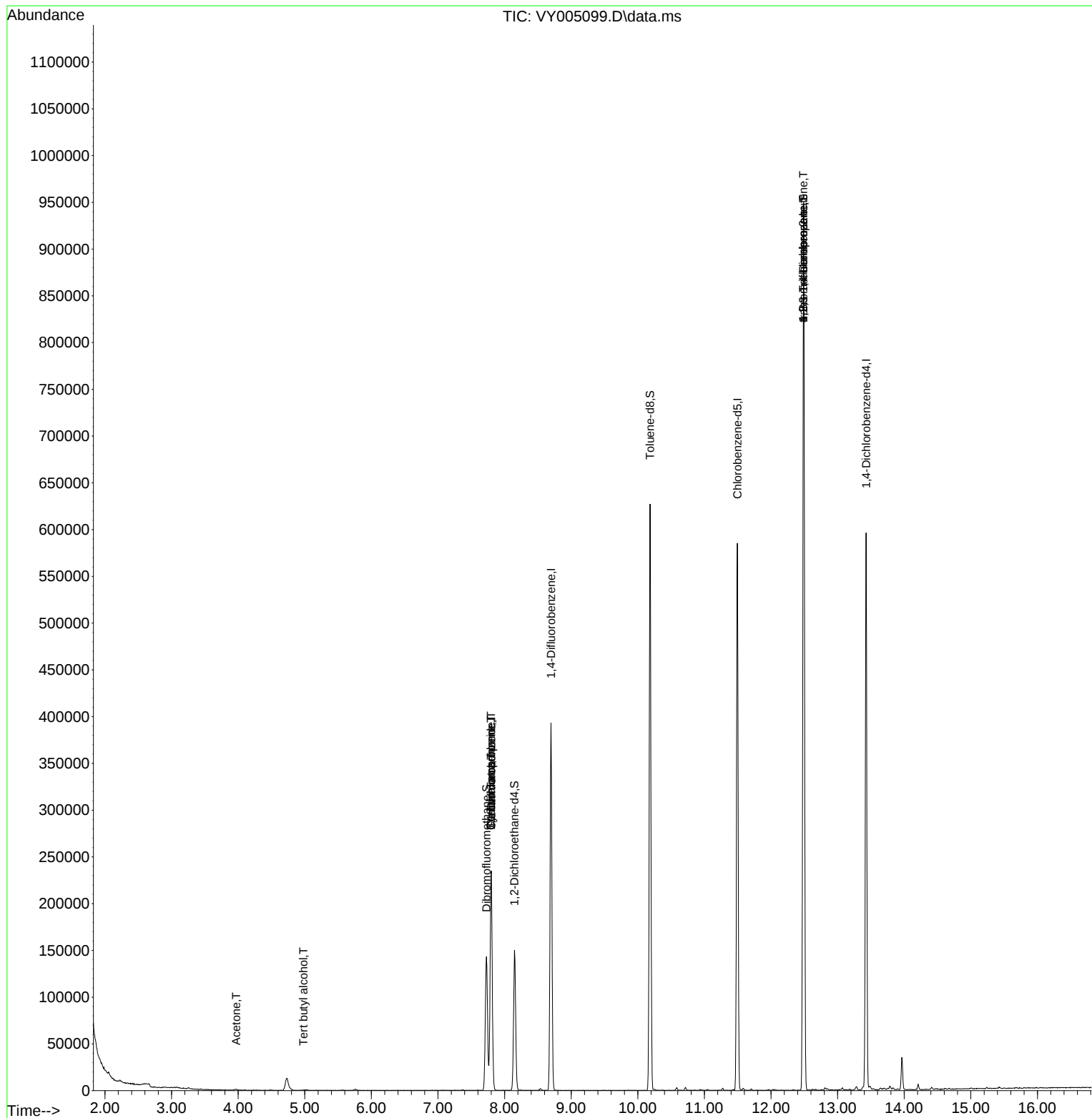
Internal Standards						
1) Pentafluorobenzene	7.801	168	178825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	319711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113473	60.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.040%	
35) Dibromofluoromethane	7.728	113	101134	57.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.680%	
50) Toluene-d8	10.185	98	405638	55.375	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.740%	
62) 4-Bromofluorobenzene	12.483	95	139473	55.362	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	467	2.148	ug/l #	74
13) Acrolein	3.747	56	41	Below Cal	#	15
16) Acetone	3.973	43	2070	4.549	ug/l #	78
20) Methylene Chloride	4.722	84	9781	Below Cal	#	82
31) Cyclohexane	7.795	56	3589	1.078	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13773	4.293	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18365	6.577	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	78400	47.532	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78400	87.353	ug/l #	16

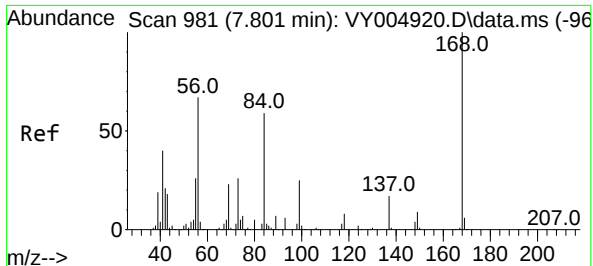
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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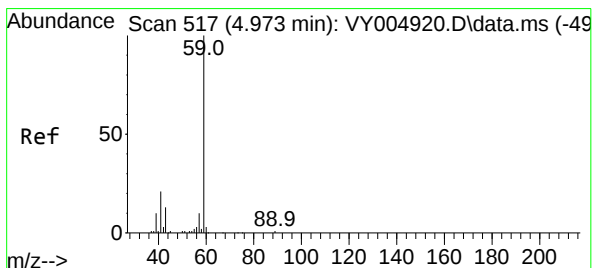
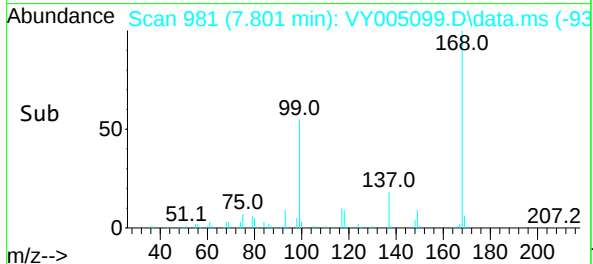
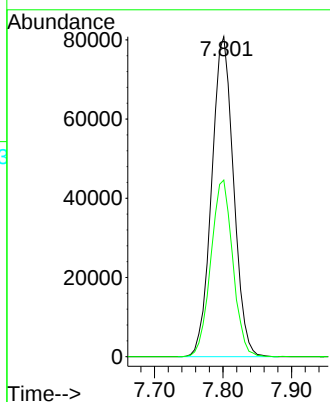
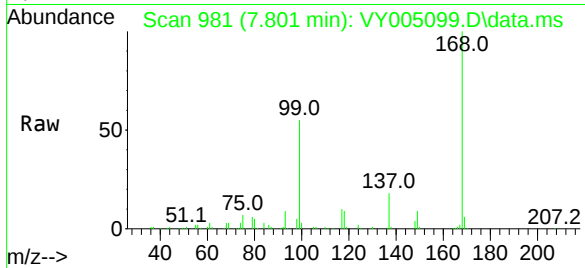




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43

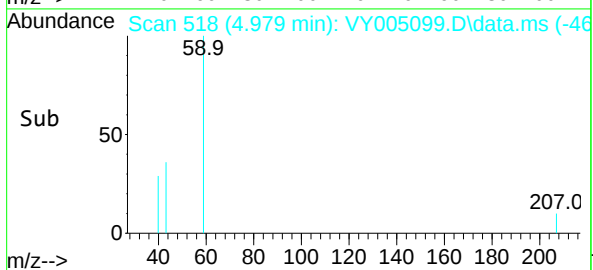
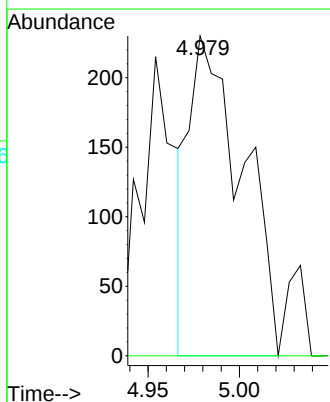
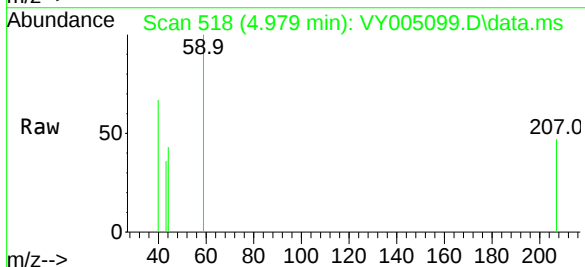
Instrument :
MSVOA_Y
ClientSampleId :

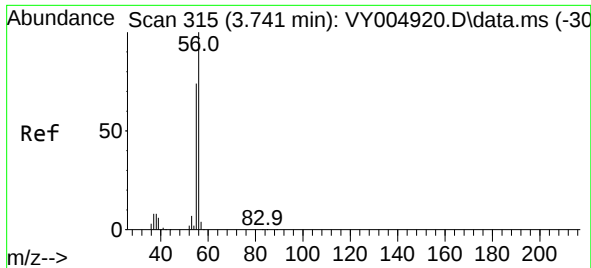
Tgt Ion:168 Resp: 178825
Ion Ratio Lower Upper
168 100
99 55.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.148 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43

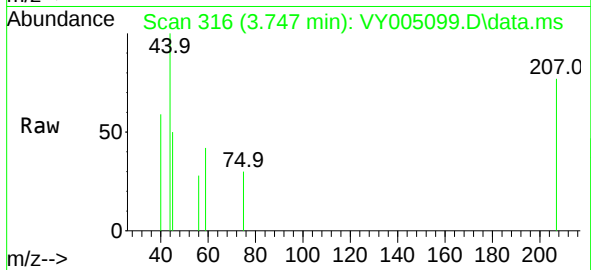
Tgt Ion: 59 Resp: 467
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



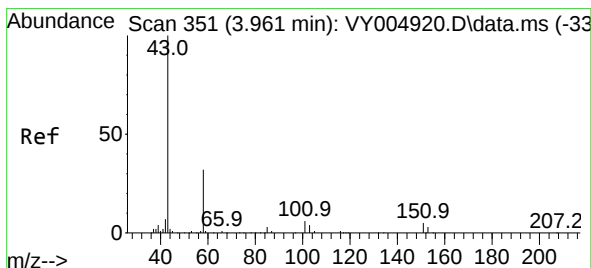
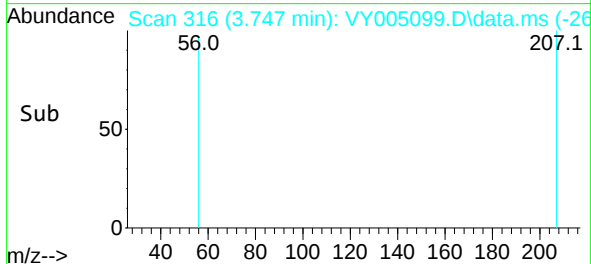
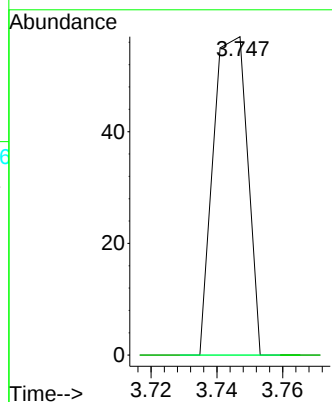


#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43

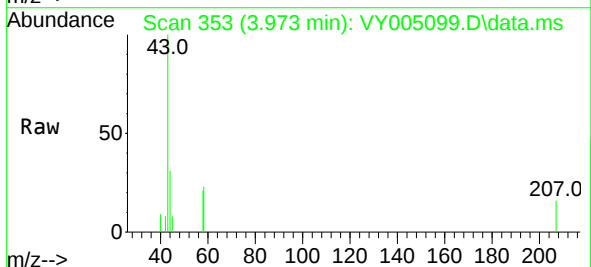
Instrument :
MSVOA_Y
ClientSampled :



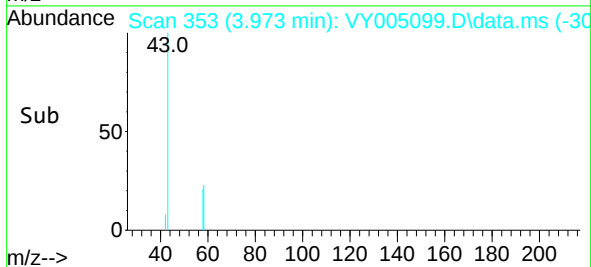
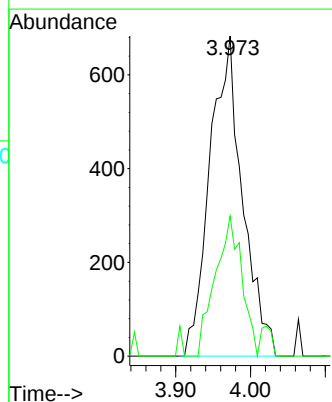
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#

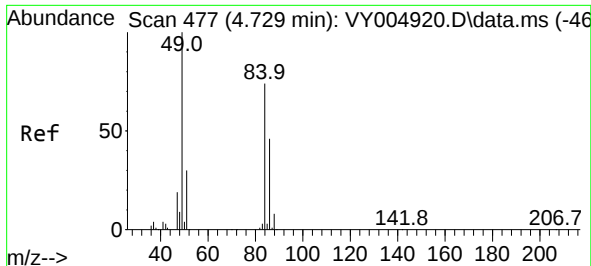


#16
Acetone
Concen: 4.549 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43



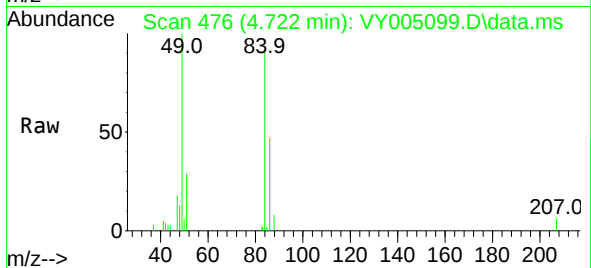
Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
58 43.8 25.3 37.9#



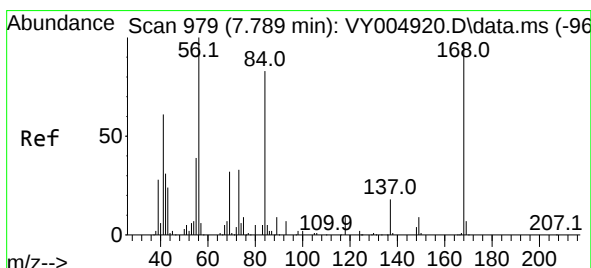
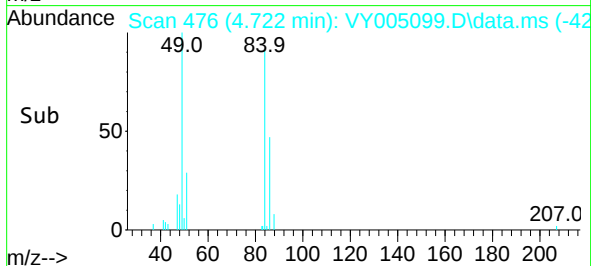
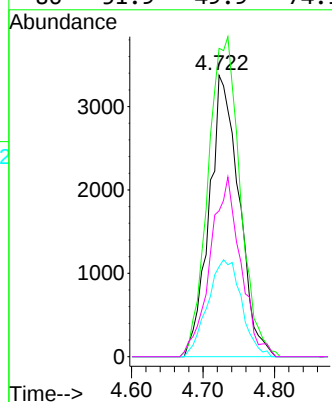


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43

Instrument :
MSVOA_Y
ClientSampleId :

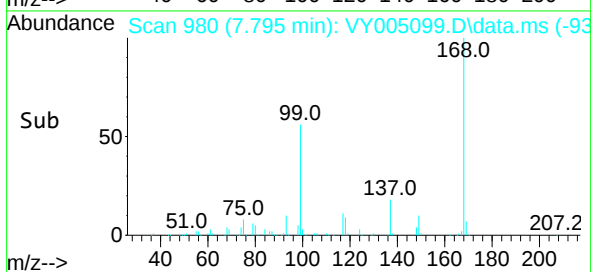
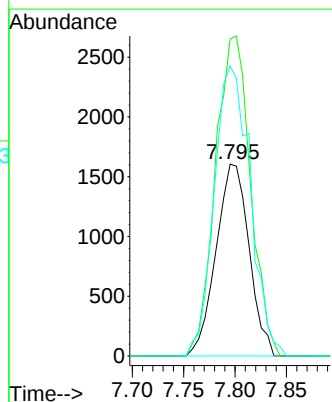
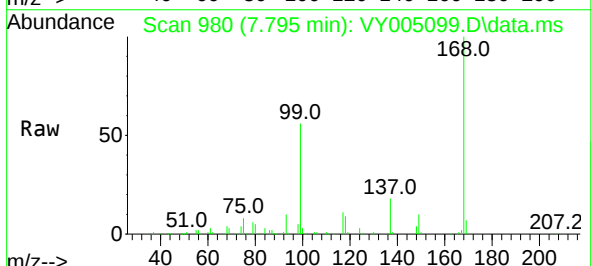


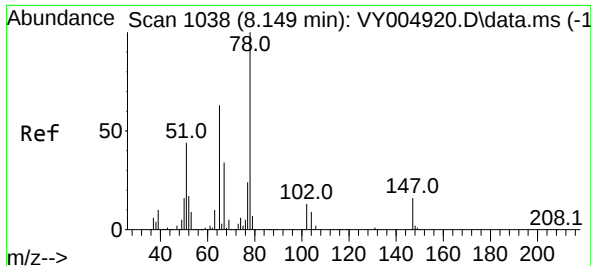
Tgt Ion:	84	Resp:	9781
Ion	Ratio	Lower	Upper
84	100		
49	109.6	108.0	162.0
51	32.0	32.6	48.8#
86	51.9	49.9	74.9



#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43

Tgt Ion:	56	Resp:	3589
Ion	Ratio	Lower	Upper
56	100		
69	165.1	25.3	37.9#
84	151.2	66.2	99.4#



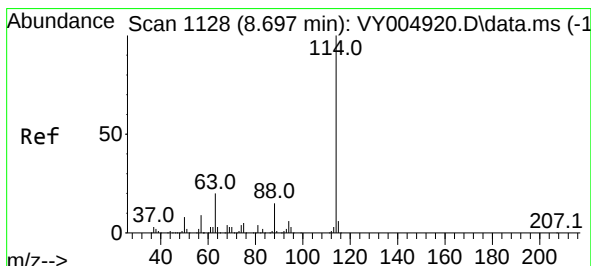
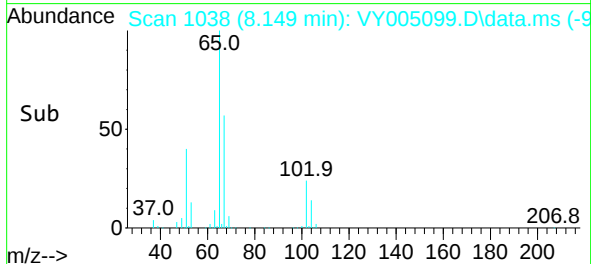
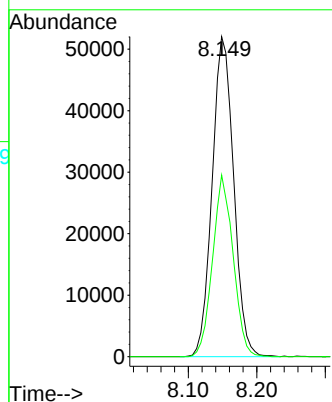
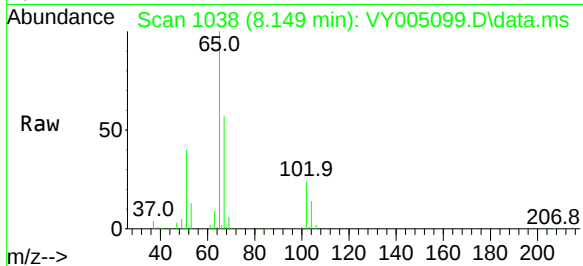


#33
 1,2-Dichloroethane-d4
 Concen: 60.023 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005099.D
 Acq: 11 Jun 2021 01:43

Instrument :
 MSVOA_Y
 ClientSampled :

Tgt Ion: 65 Resp: 113473

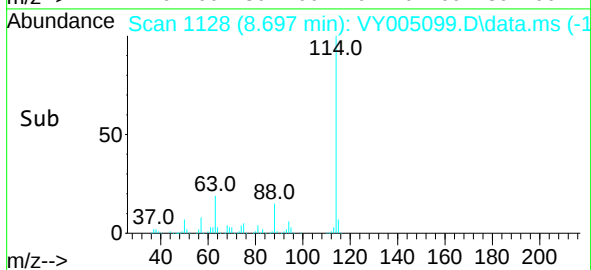
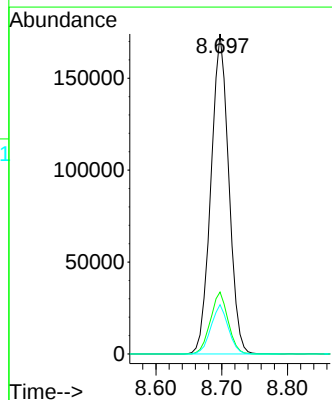
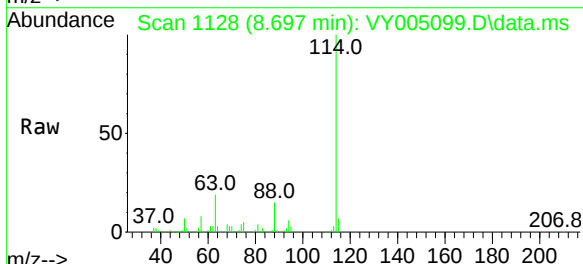
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.6

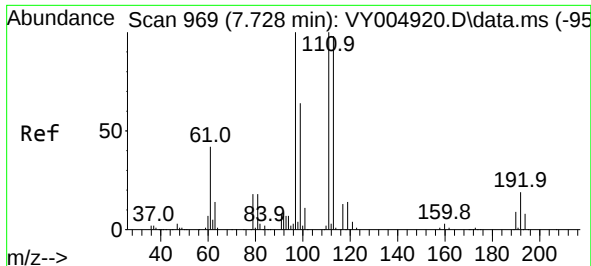


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005099.D
 Acq: 11 Jun 2021 01:43

Tgt Ion: 114 Resp: 327837

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.0
88	15.4	0.0	30.6

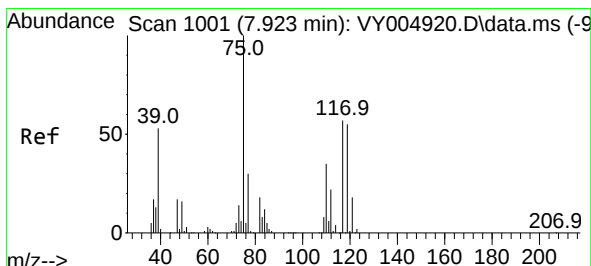
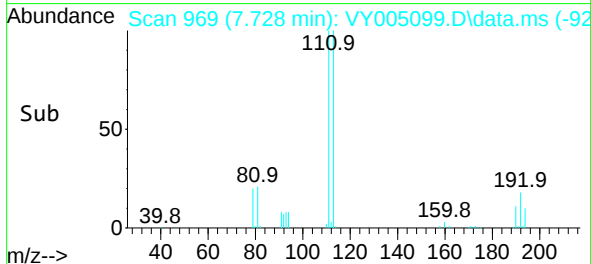
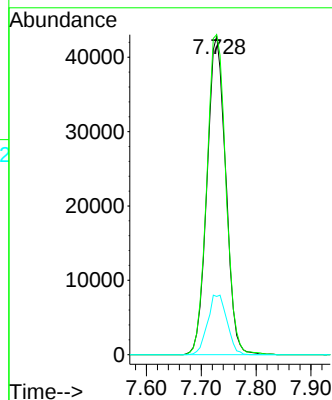
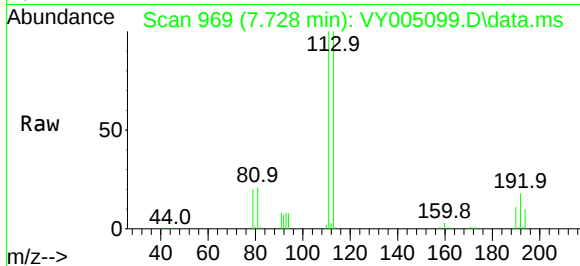




#35
Dibromofluoromethane
Concen: 57.339 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43

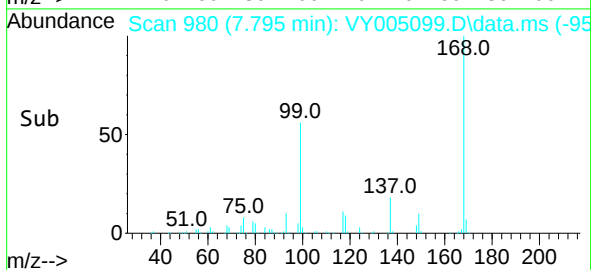
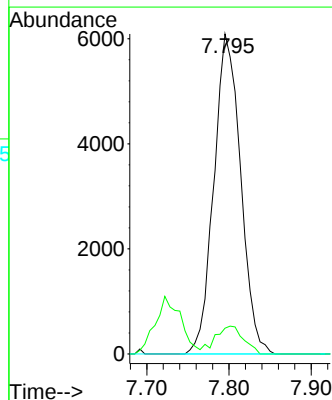
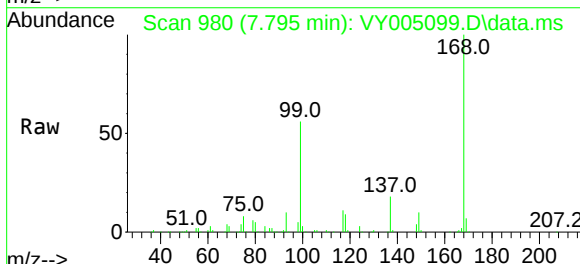
Instrument :
MSVOA_Y
ClientSampled :

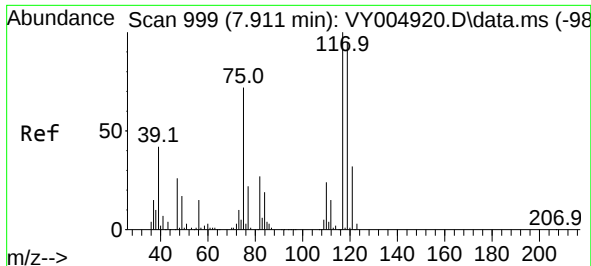
Tgt Ion:	113	Resp:	101134
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	19.4	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.293 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43

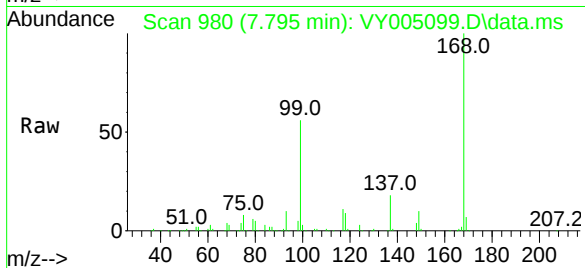
Tgt Ion:	75	Resp:	13773
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.5	52.5#
77	0.0	25.1	37.7#



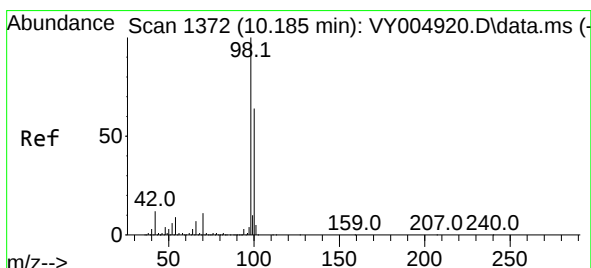
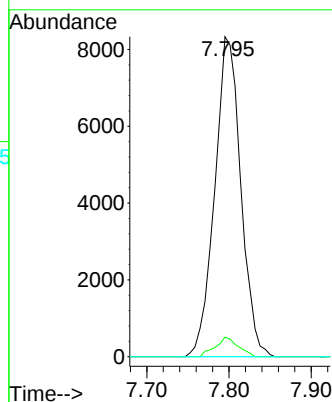
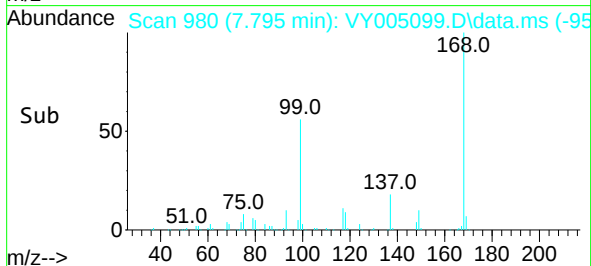


#38
Carbon Tetrachloride
Concen: 6.577 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43

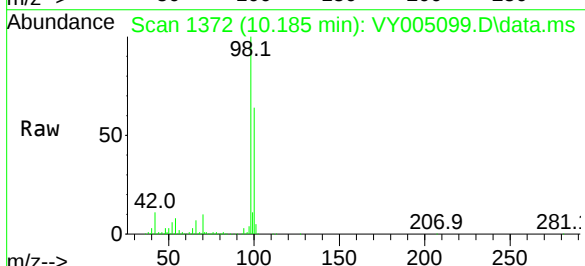
Instrument :
MSVOA_Y
ClientSampleId :



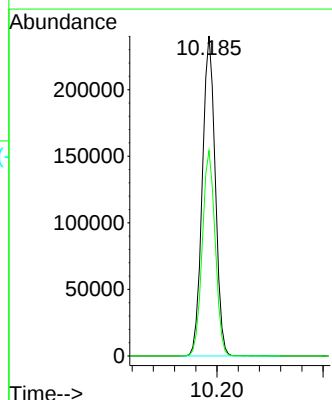
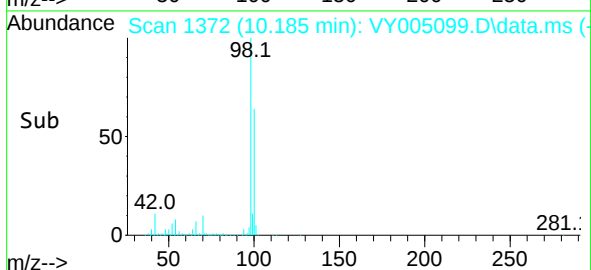
Tgt Ion:117 Resp: 18365
Ion Ratio Lower Upper
117 100
119 6.1 76.1 114.1#
121 0.0 25.5 38.3#

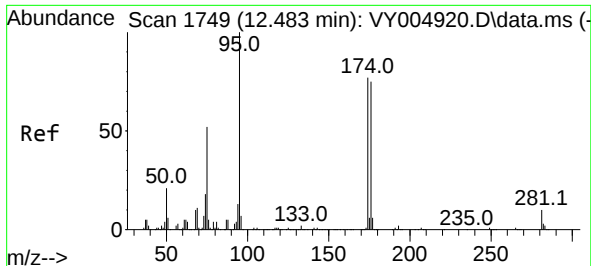


#50
Toluene-d8
Concen: 55.375 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43



Tgt Ion: 98 Resp: 405638
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

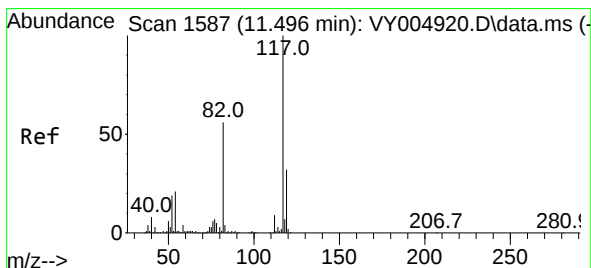
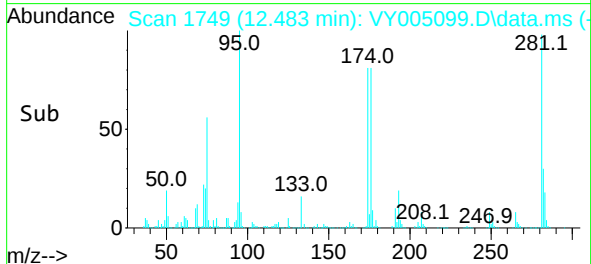
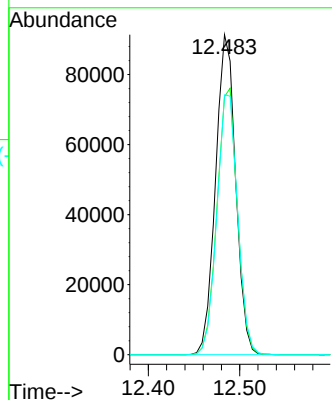
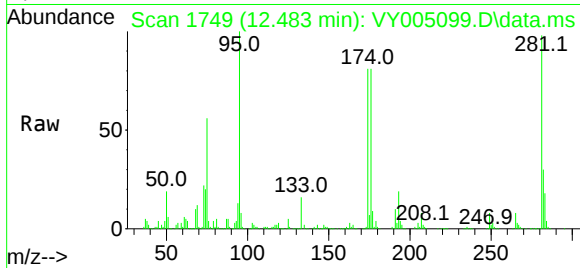




#62
4-Bromofluorobenzene
Concen: 55.362 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43

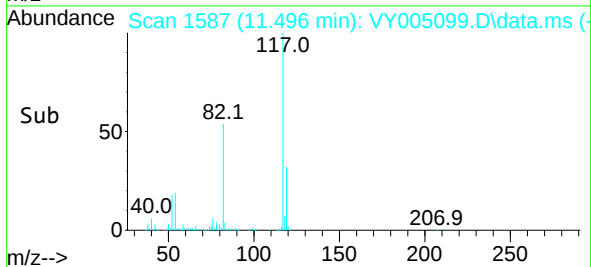
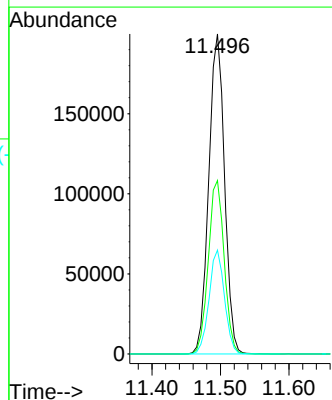
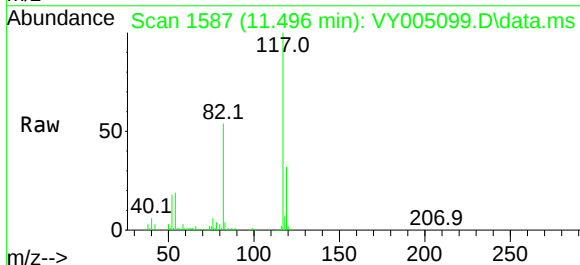
Instrument :
MSVOA_Y
ClientSampleId :

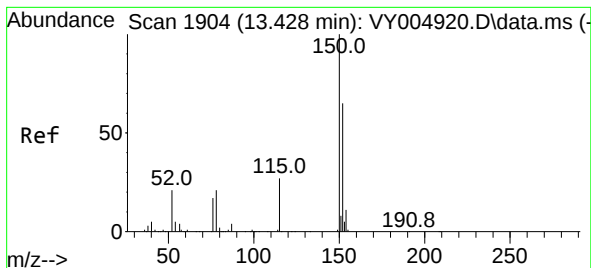
Tgt Ion: 95 Resp: 139473
Ion Ratio Lower Upper
95 100
174 84.6 0.0 160.8
176 84.0 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43

Tgt Ion: 117 Resp: 319711
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 32.5 25.2 37.8

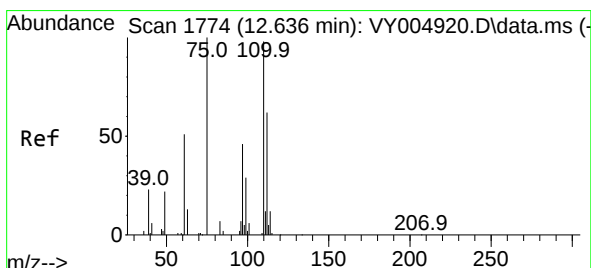
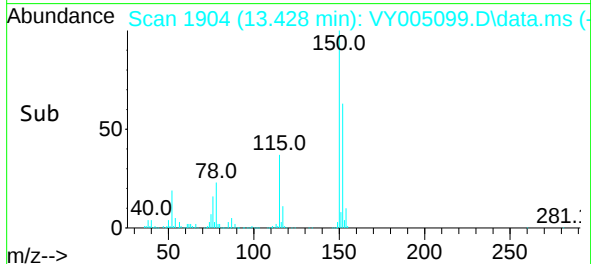
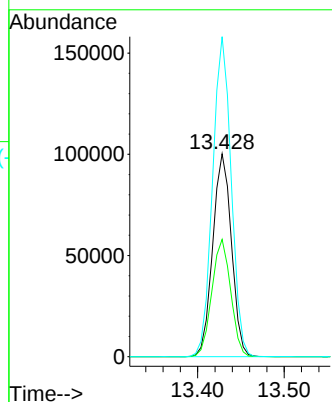
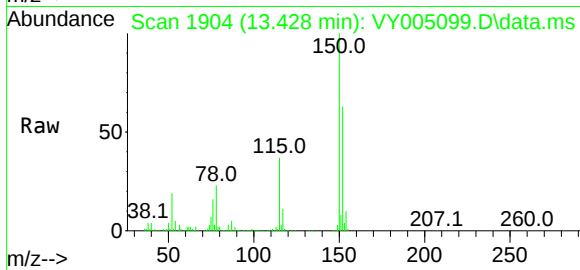




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005099.D
 Acq: 11 Jun 2021 01:43

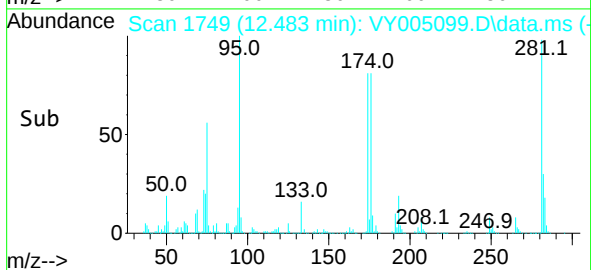
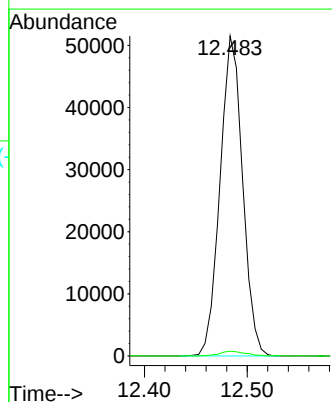
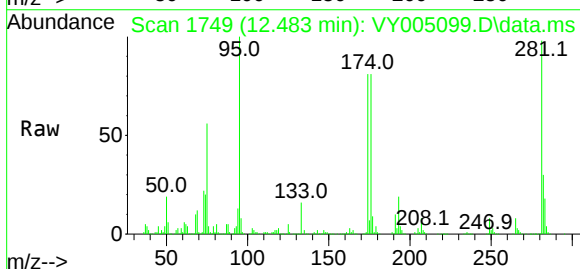
Instrument :
 MSVOA_Y
 ClientSampleId :

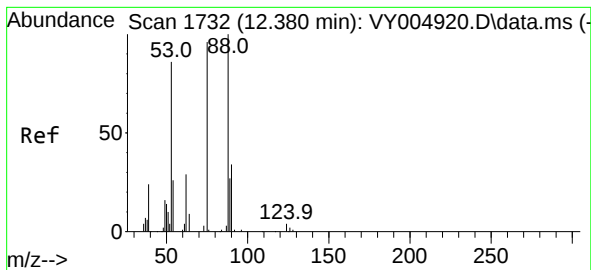
Tgt Ion:152 Resp: 150468
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.9 89.7
 150 156.7 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 47.532 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005099.D
 Acq: 11 Jun 2021 01:43

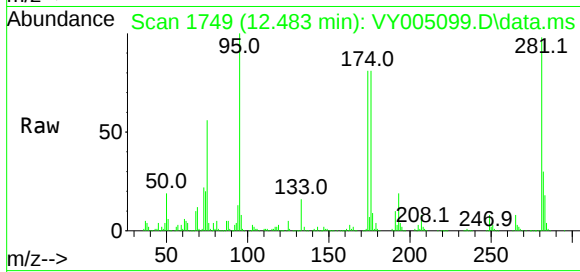
Tgt Ion: 75 Resp: 78400
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.353 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005099.D
Acq: 11 Jun 2021 01:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 78400
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.6 35.0 52.6#

