

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005205.D
 Acq On : 24 Jun 2021 12:55
 Operator : SY/MD
 Sample : M2829-03
 Misc : 5.47G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 04:33:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

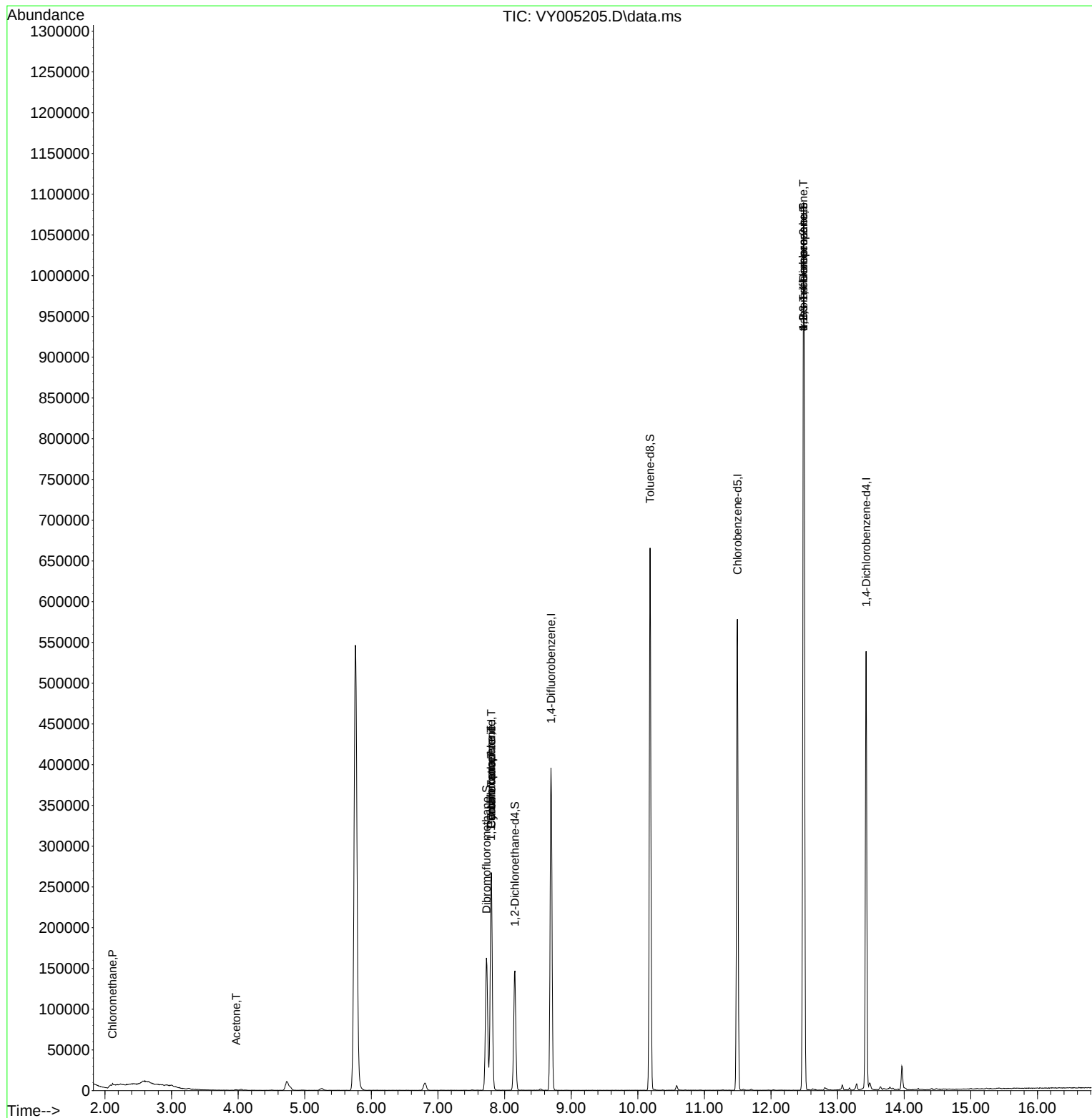
Internal Standards						
1) Pentafluorobenzene	7.801	168	229067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	364889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	338606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	114281	60.119	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.240%		
35) Dibromofluoromethane	7.728	113	113992	52.972	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 105.940%		
50) Toluene-d8	10.185	98	437790	50.871	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 101.740%		
62) 4-Bromofluorobenzene	12.483	95	138520	48.303	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 96.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	2165	1.079	ug/l	99
11) Tert butyl alcohol	4.972	59	507	Below Cal	#	77
16) Acetone	3.972	43	1344	3.061	ug/l #	86
20) Methylene Chloride	4.728	84	8585	Below Cal		96
31) Cyclohexane	7.801	56	5281	1.556	ug/l #	32
36) 1,1-Dichloropropene	7.795	75	13667	4.254	ug/l #	48
38) Carbon Tetrachloride	7.801	117	18510	5.503	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	67613	51.224	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67613	95.573	ug/l #	19

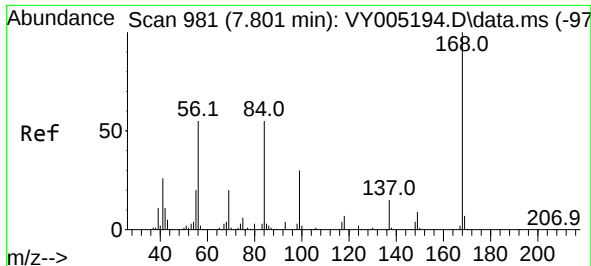
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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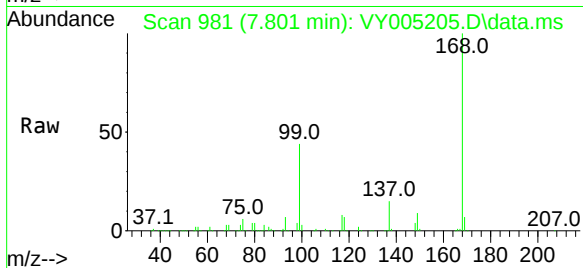
Quant Time: Jun 25 04:33:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
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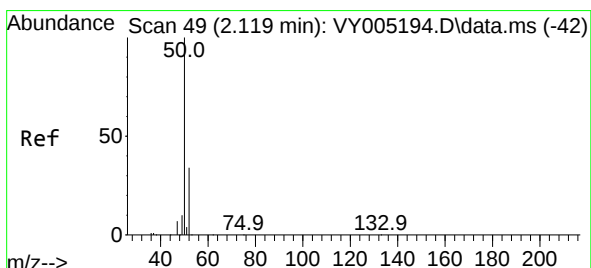
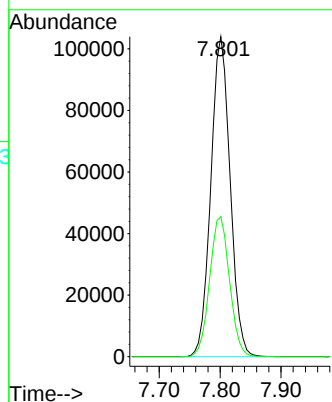
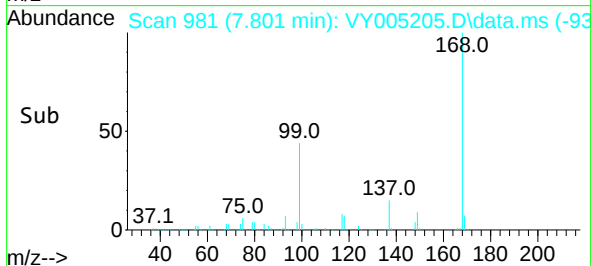


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

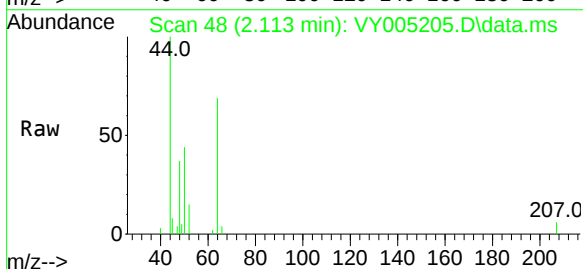
Instrument :
MSVOA_Y
ClientSampleId :



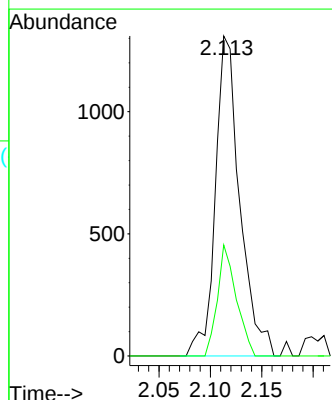
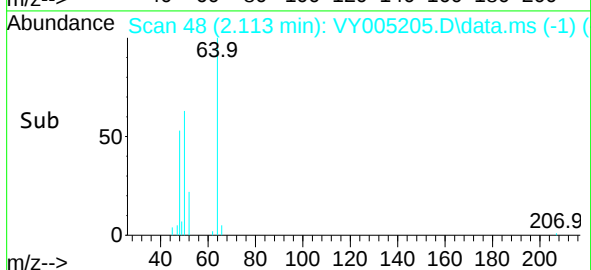
Tgt Ion:168 Resp: 229067
Ion Ratio Lower Upper
168 100
99 43.7 36.2 54.4

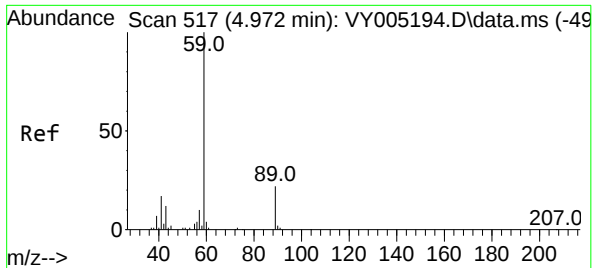


#3
Chloromethane
Concen: 1.079 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55



Tgt Ion: 50 Resp: 2165
Ion Ratio Lower Upper
50 100
52 34.7 27.4 41.2

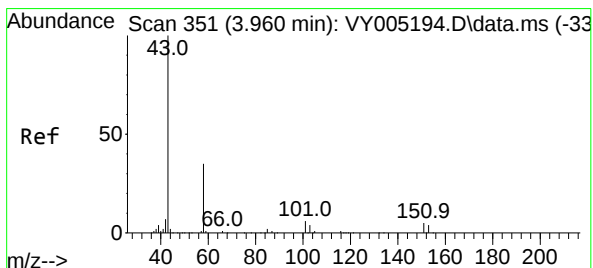
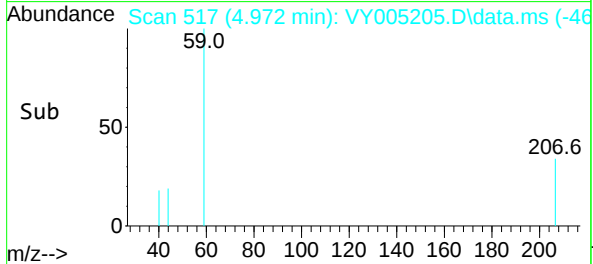
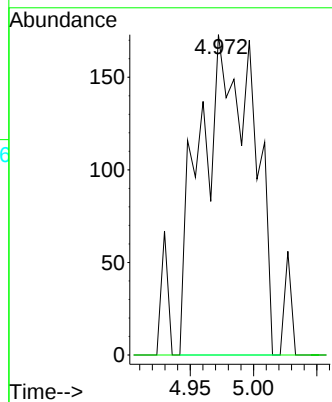
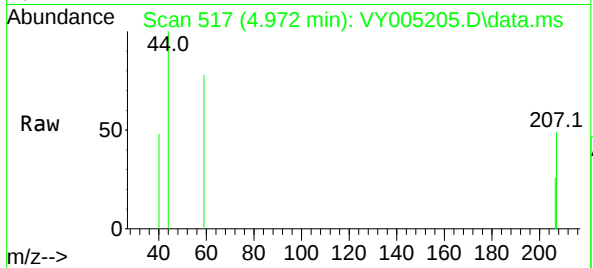




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

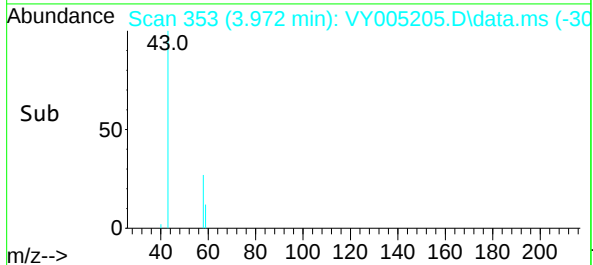
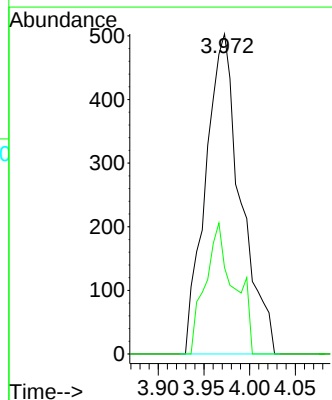
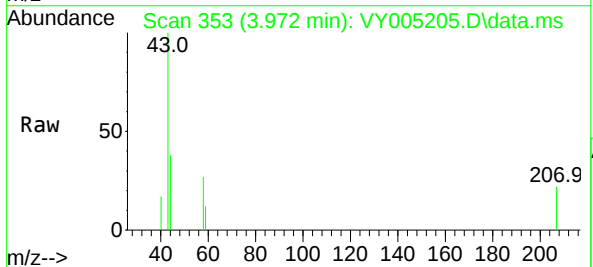
Instrument :
MSVOA_Y
ClientSampleId :

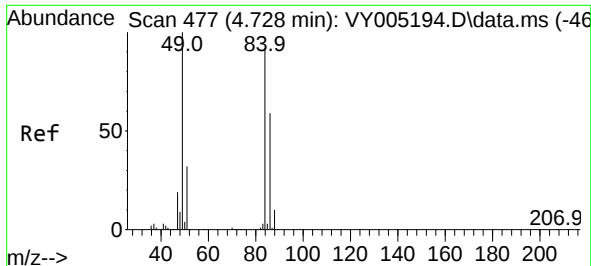
Tgt Ion: 59 Resp: 507
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#



#16
Acetone
Concen: 3.061 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

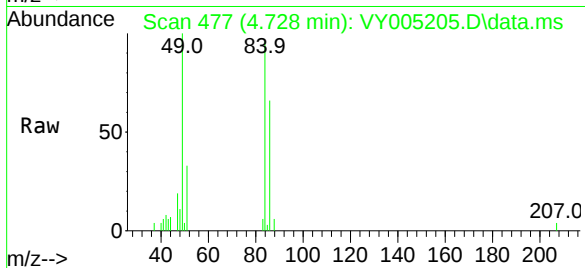
Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 27.0 28.2 42.2#





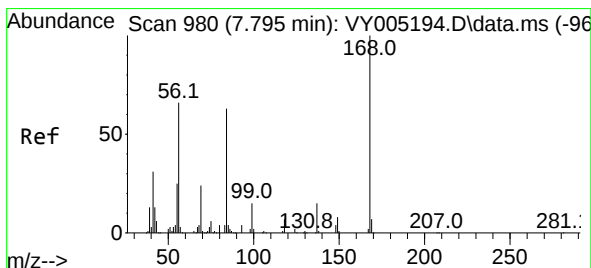
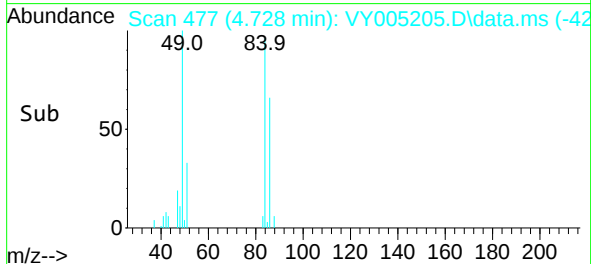
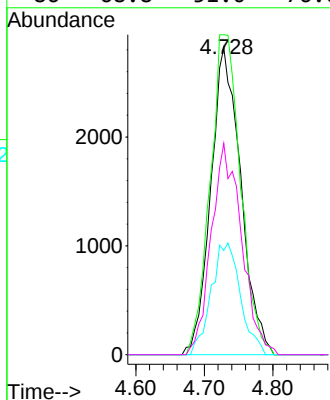
#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

Instrument :
MSVOA_Y
ClientSampleId :

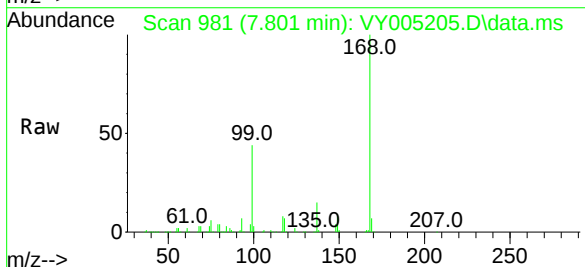


Tgt Ion: 84 Resp: 8585

Ion	Ratio	Lower	Upper
84	100		
49	104.2	86.9	130.3
51	33.9	27.4	41.2
86	68.8	51.0	76.6

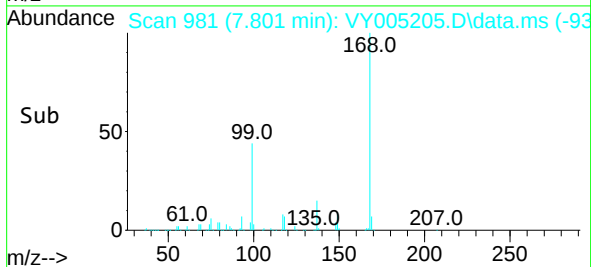
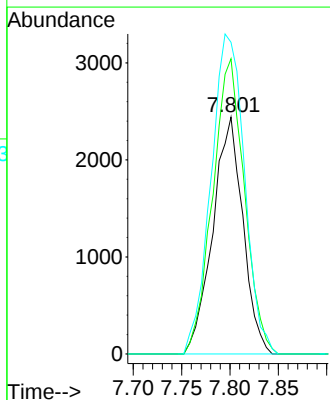


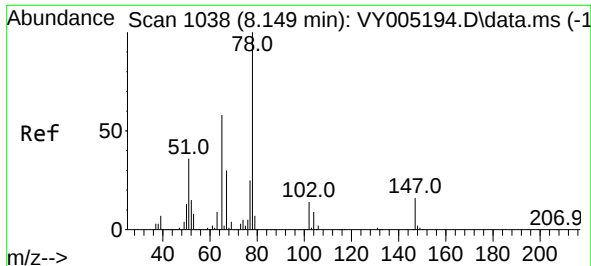
#31
Cyclohexane
Concen: 1.556 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55



Tgt Ion: 56 Resp: 5281

Ion	Ratio	Lower	Upper
56	100		
69	124.7	29.6	44.4#
84	131.7	76.4	114.6#

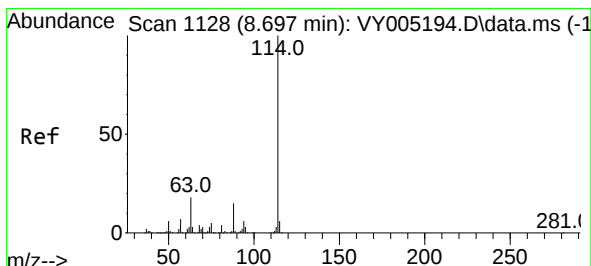
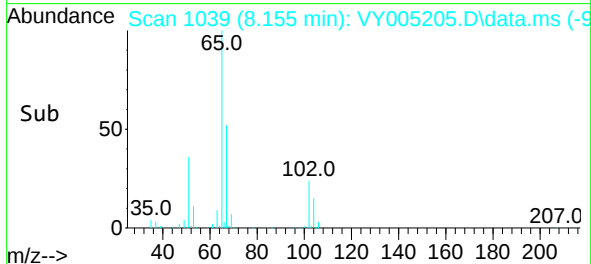
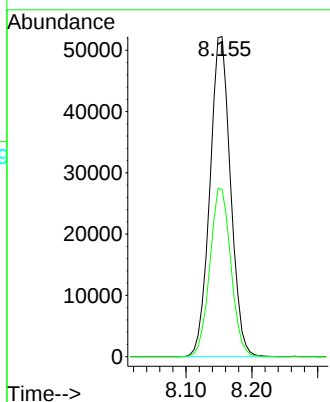
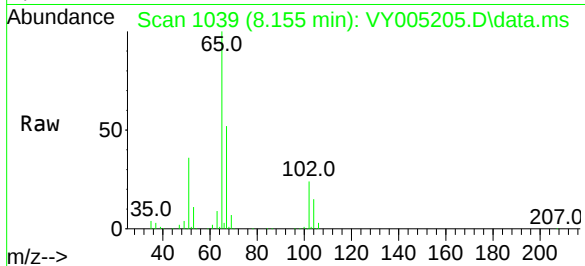




#33
1,2-Dichloroethane-d4
Concen: 60.119 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

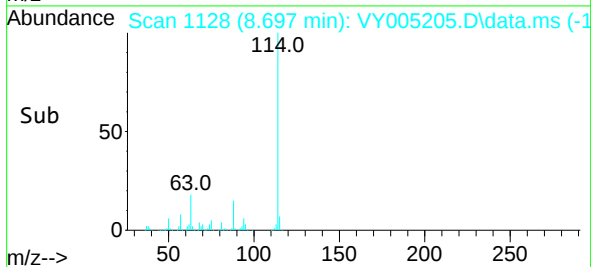
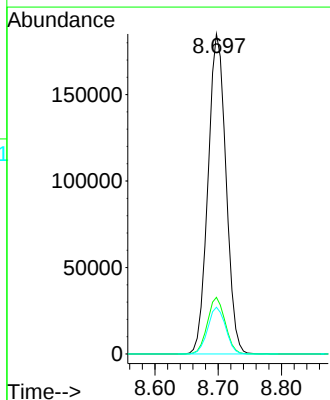
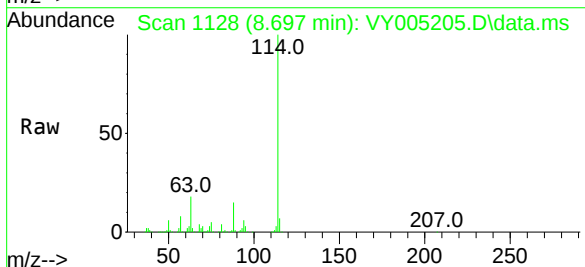
Instrument :
MSVOA_Y
ClientSampleId :

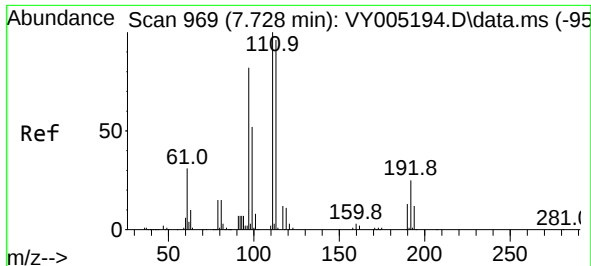
Tgt Ion: 65 Resp: 114281
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

Tgt Ion:114 Resp: 364889
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 14.6 0.0 29.4

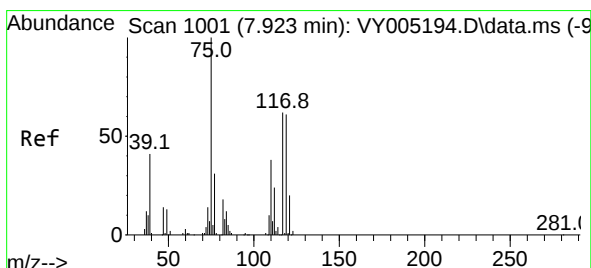
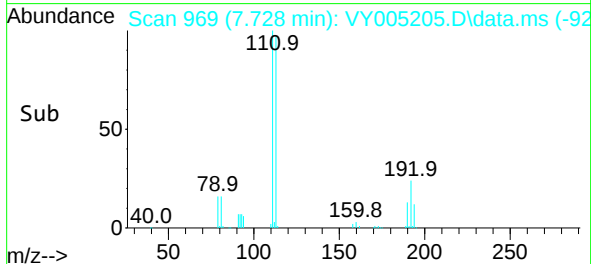
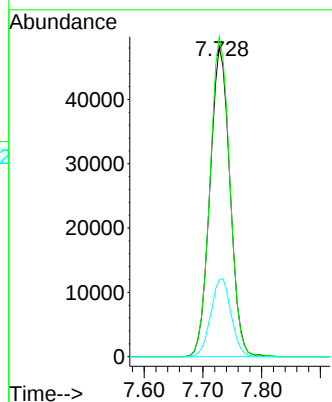
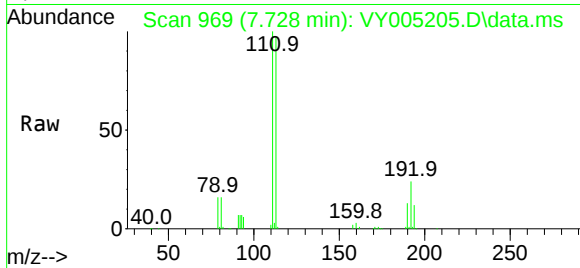




#35
Dibromofluoromethane
Concen: 52.972 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

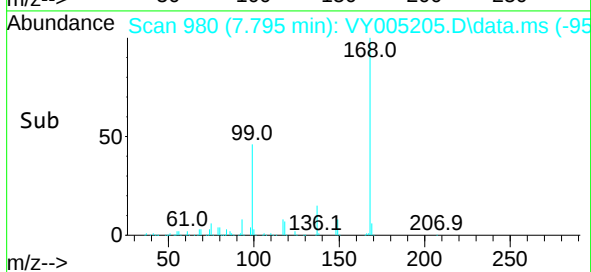
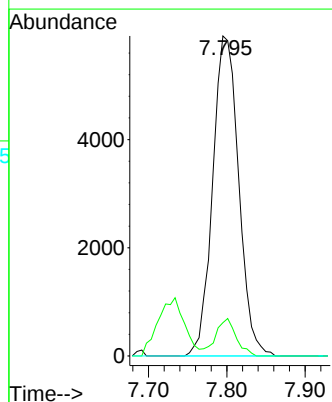
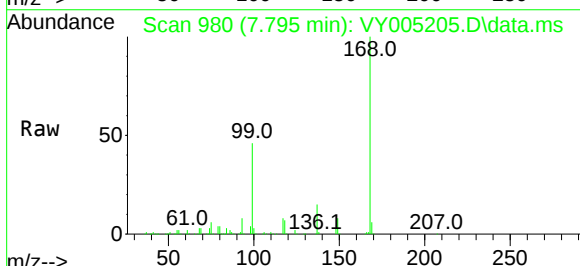
Instrument :
MSVOA_Y
ClientSampleId :

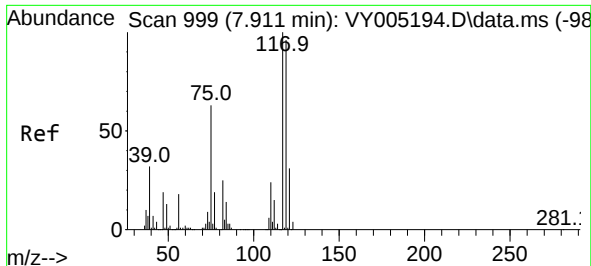
Tgt Ion:113 Resp: 113992
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 25.5 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.254 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

Tgt Ion: 75 Resp: 13667
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.5#
77 0.0 25.2 37.8#

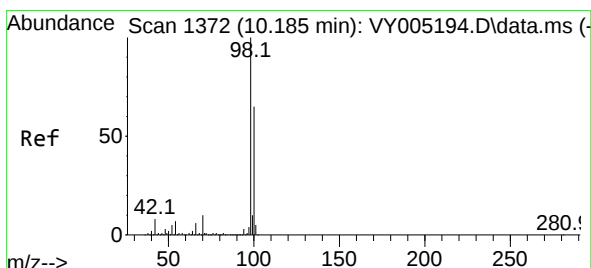
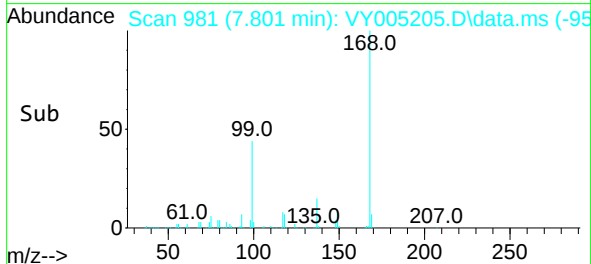
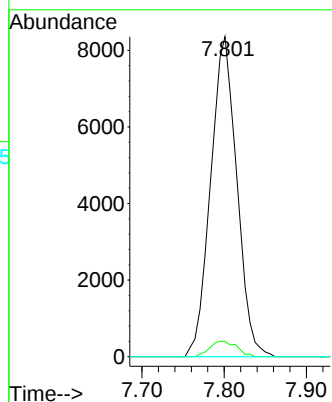
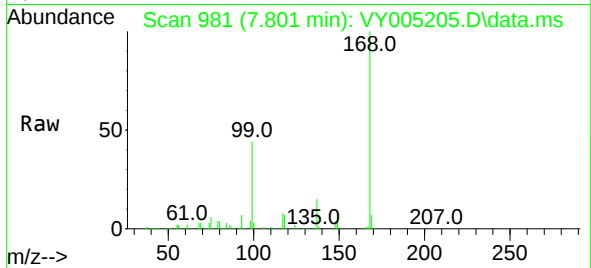




#38
Carbon Tetrachloride
Concen: 5.503 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

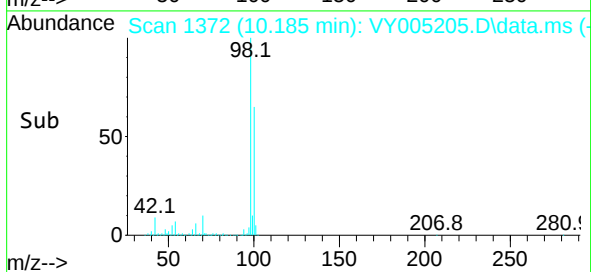
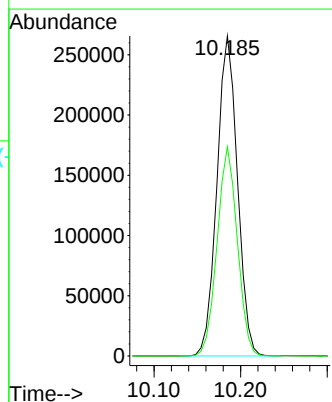
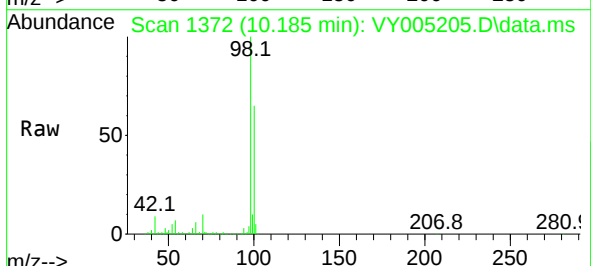
Instrument :
MSVOA_Y
ClientSampled :

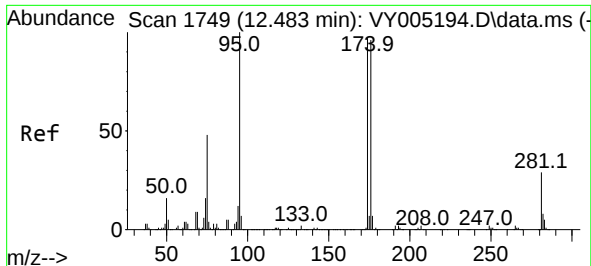
Tgt Ion:117 Resp: 18510
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.871 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

Tgt Ion: 98 Resp: 437790
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

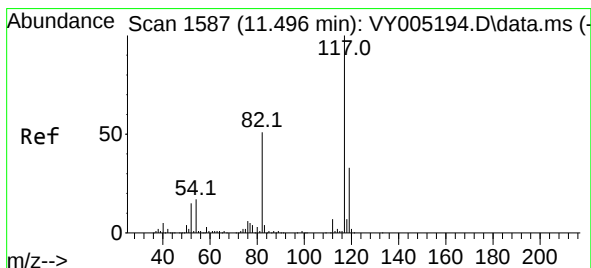
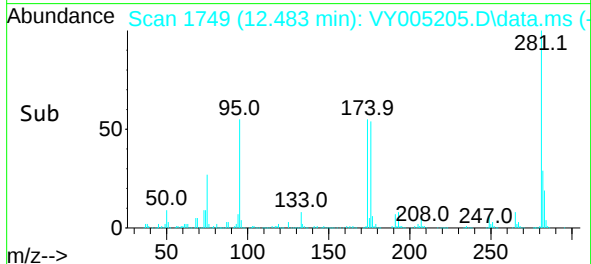
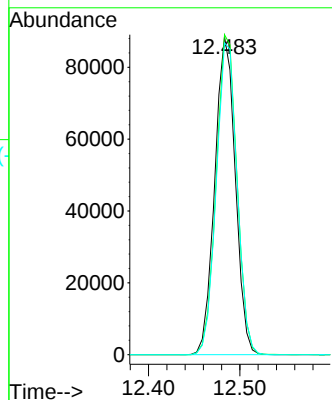
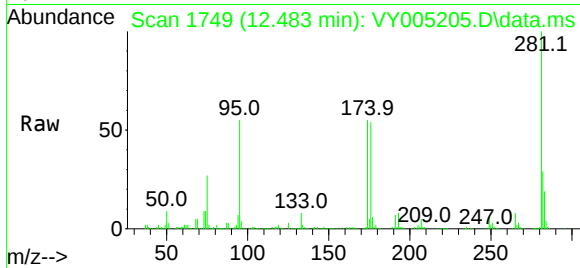




#62
4-Bromofluorobenzene
Concen: 48.303 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

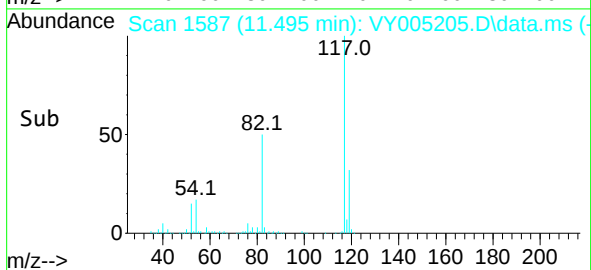
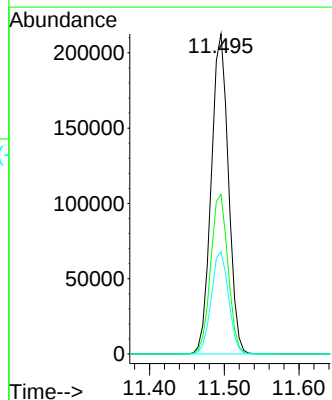
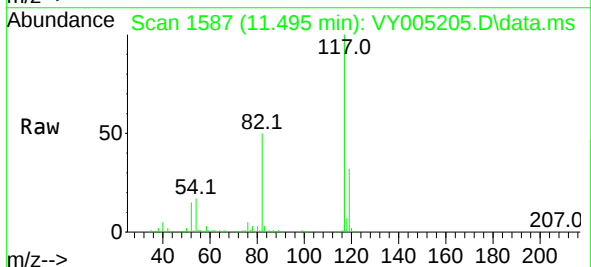
Instrument :
MSVOA_Y
ClientSampleId :

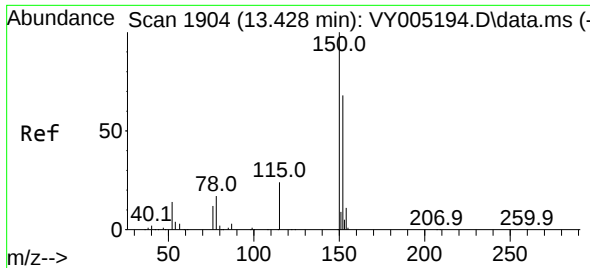
Tgt Ion: 95 Resp: 138520
Ion Ratio Lower Upper
95 100
174 101.3 0.0 201.6
176 99.1 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

Tgt Ion: 117 Resp: 338606
Ion Ratio Lower Upper
117 100
82 49.9 40.6 60.8
119 32.0 26.1 39.1

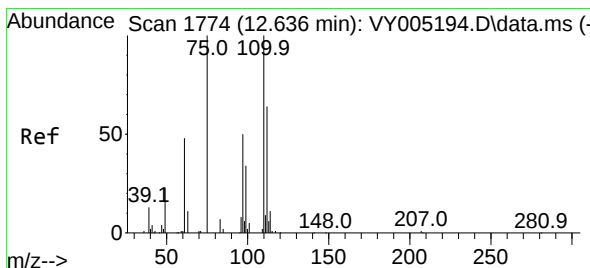
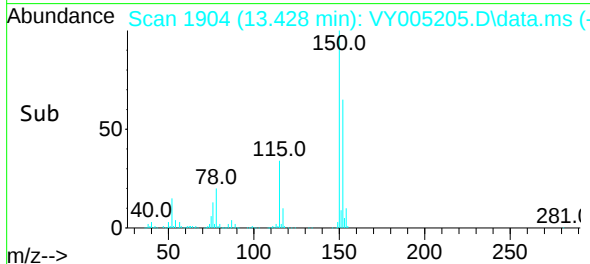
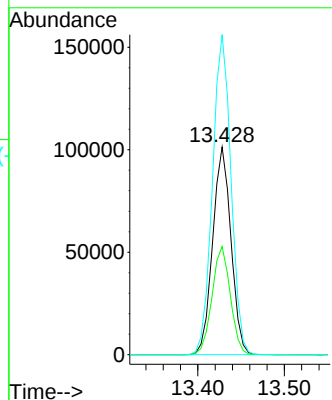
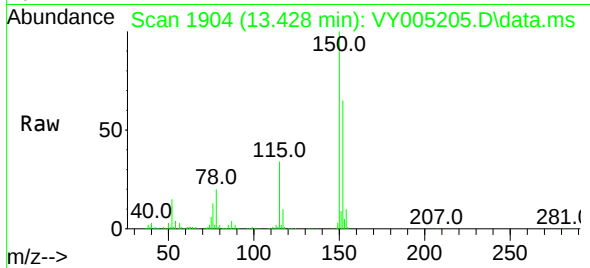




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005205.D
 Acq: 24 Jun 2021 12:55

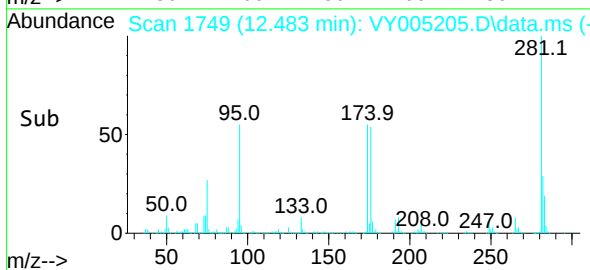
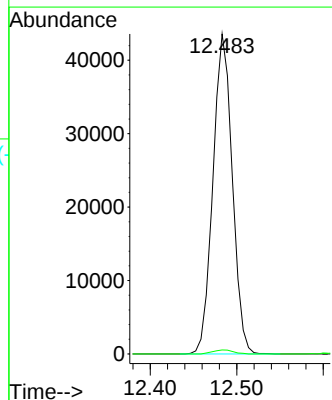
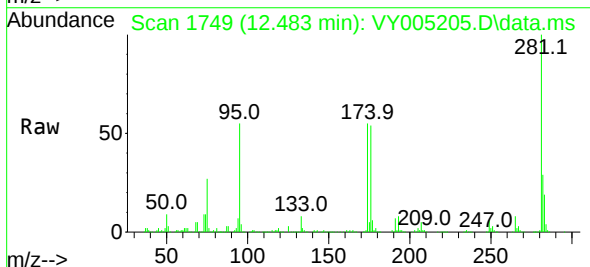
Instrument :
 MSVOA_Y
 ClientSampleId :

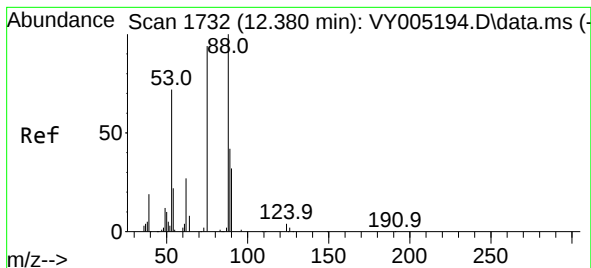
Tgt Ion:152 Resp: 148828
 Ion Ratio Lower Upper
 152 100
 115 51.9 26.3 78.8
 150 155.8 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 51.224 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005205.D
 Acq: 24 Jun 2021 12:55

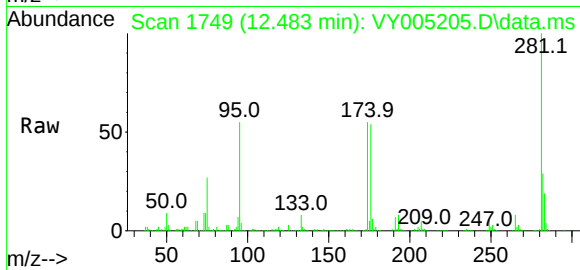
Tgt Ion: 75 Resp: 67613
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.573 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005205.D
 Acq: 24 Jun 2021 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 67613
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 2.2 38.0 57.0#

