

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005621.D
 Acq On : 12 Aug 2021 14:42
 Operator : SY/MD
 Sample : M3368-06
 Misc : 5.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 04:22:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

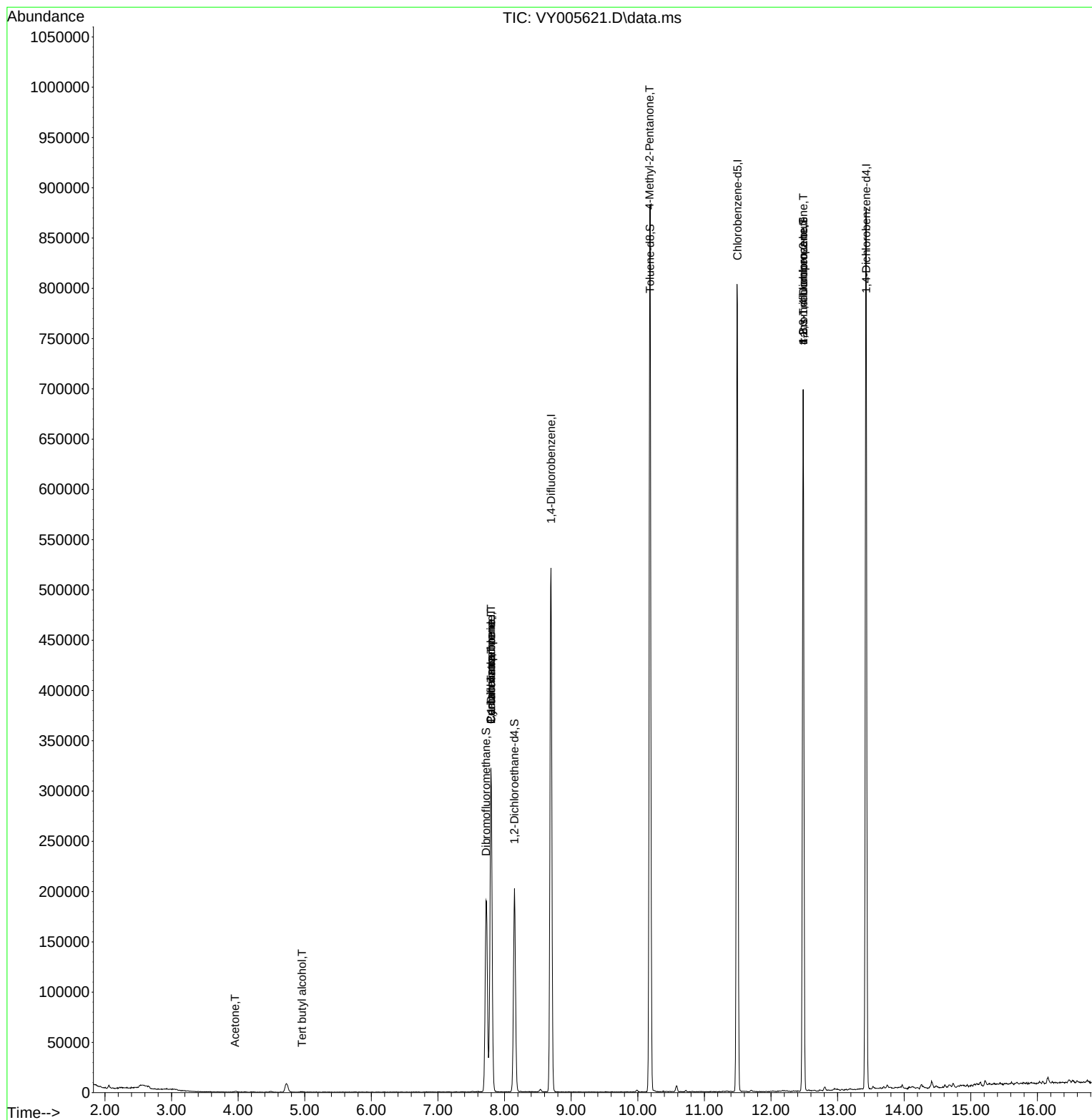
Internal Standards						
1) Pentafluorobenzene	7.795	168	258738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	442524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	443203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	223159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	157328	60.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.140%	
35) Dibromofluoromethane	7.722	113	132694	53.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.185	98	565467	54.420	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.840%	
62) 4-Bromofluorobenzene	12.483	95	201171	58.464	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	692	2.673	ug/l #	73
16) Acetone	3.954	43	1288	1.951	ug/l #	74
20) Methylene Chloride	4.729	84	6506	Below Cal		89
31) Cyclohexane	7.795	56	4926	1.097	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	18538	4.466	ug/l #	49
38) Carbon Tetrachloride	7.795	117	23322	5.170	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	2600	1.037	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	108405	46.876	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	108405	94.497	ug/l #	11

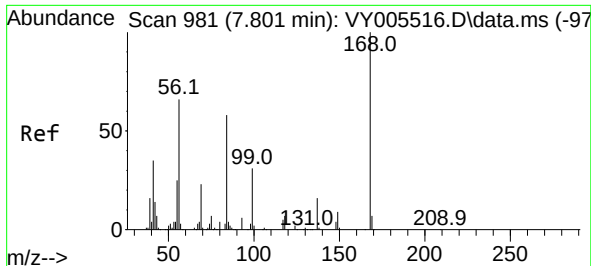
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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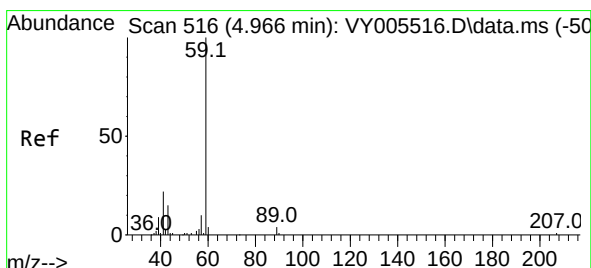
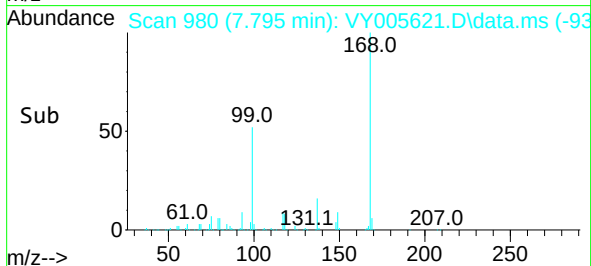
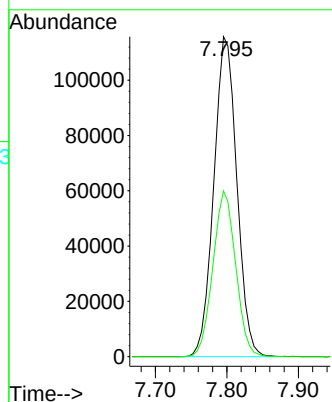
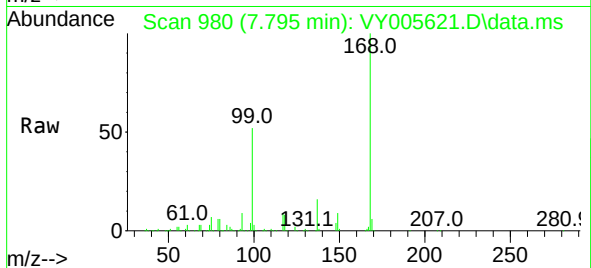




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

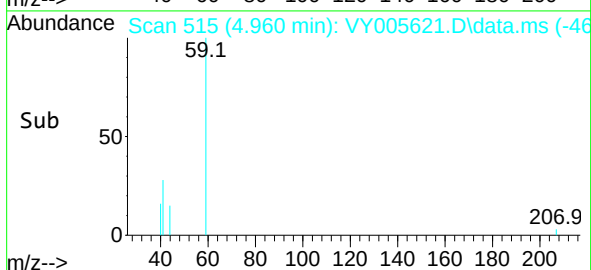
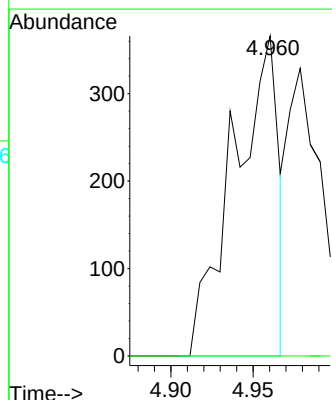
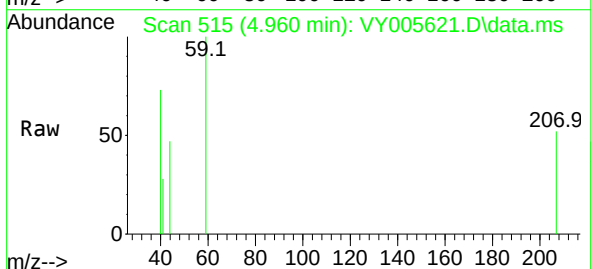
Instrument :
MSVOA_Y
ClientSampled :

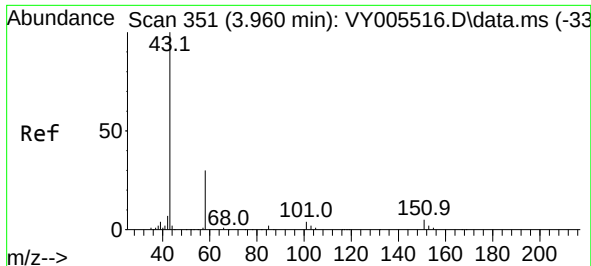
Tgt Ion:168 Resp: 258738
Ion Ratio Lower Upper
168 100
99 51.8 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.673 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

Tgt Ion: 59 Resp: 692
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

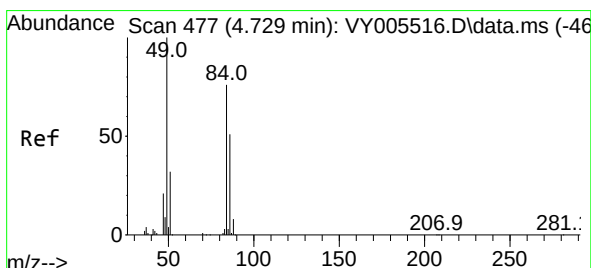
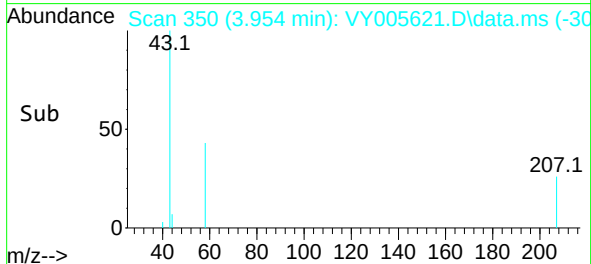
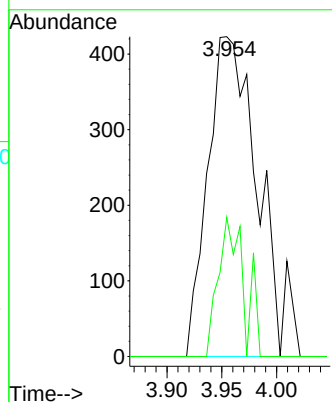
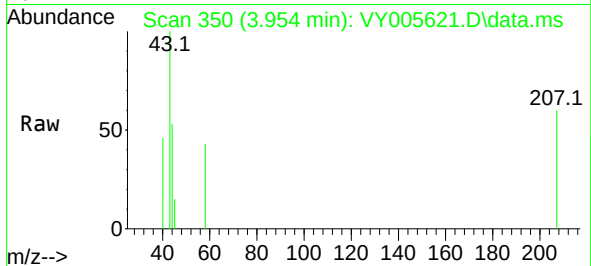




#16
Acetone
Concen: 1.951 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

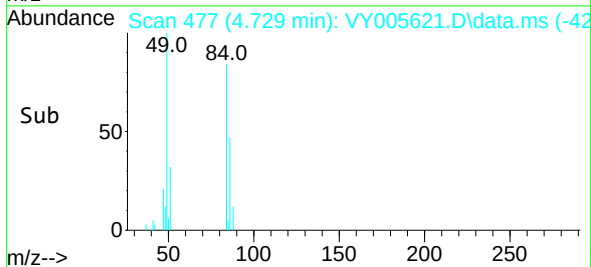
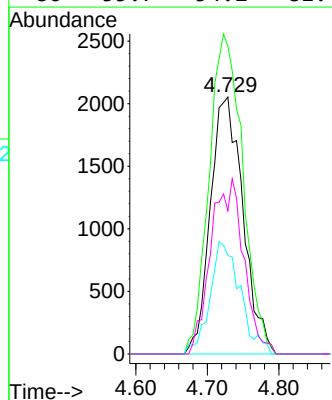
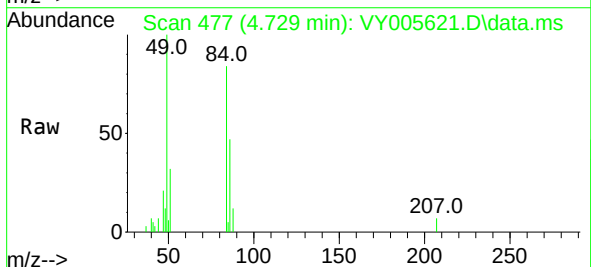
Instrument :
MSVOA_Y
ClientSampled :

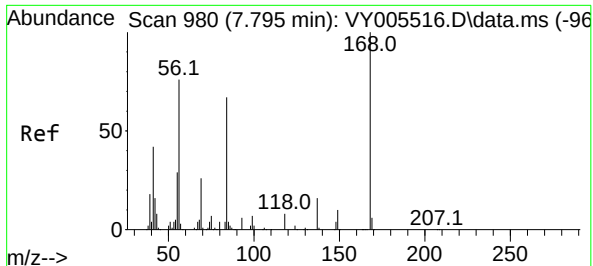
Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
58 43.5 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

Tgt Ion: 84 Resp: 6506
Ion Ratio Lower Upper
84 100
49 119.7 105.8 158.6
51 38.3 33.4 50.2
86 55.7 54.2 81.4

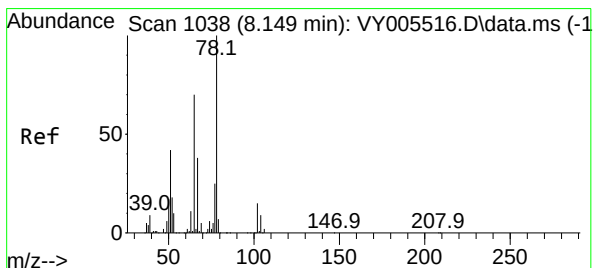
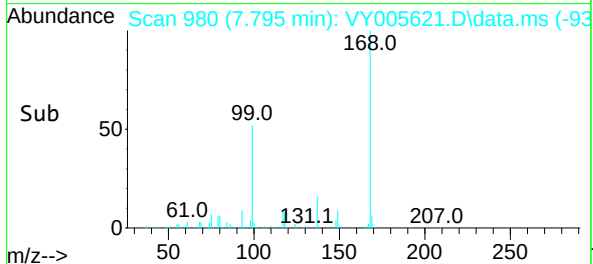
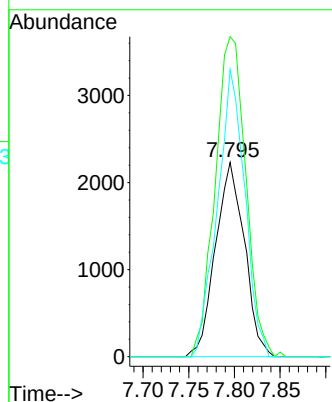
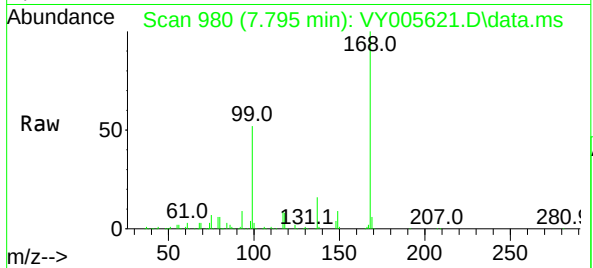




#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

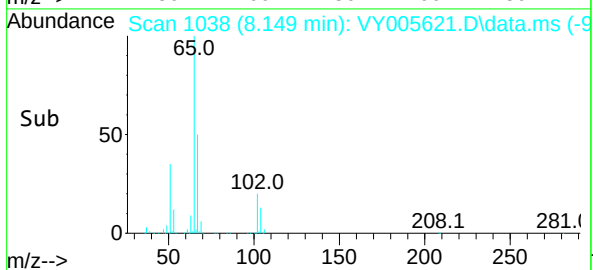
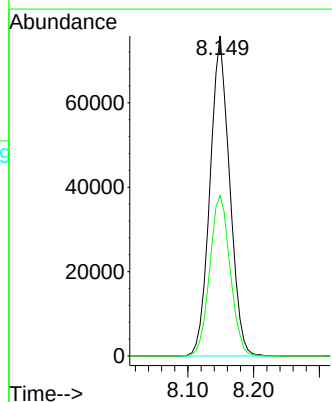
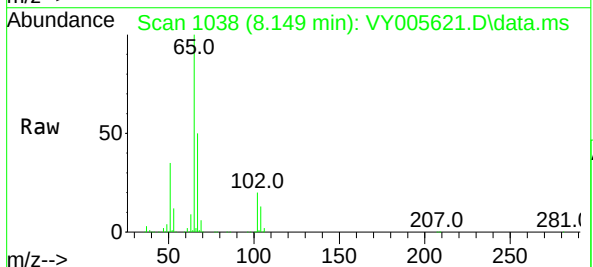
Instrument :
MSVOA_Y
ClientSampleId :

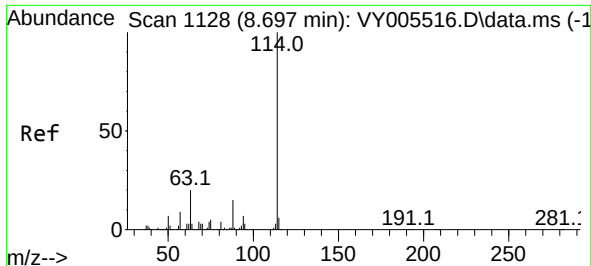
Tgt Ion: 56 Resp: 4926
Ion Ratio Lower Upper
56 100
69 164.7 27.7 41.5#
84 147.8 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 60.070 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

Tgt Ion: 65 Resp: 157328
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4

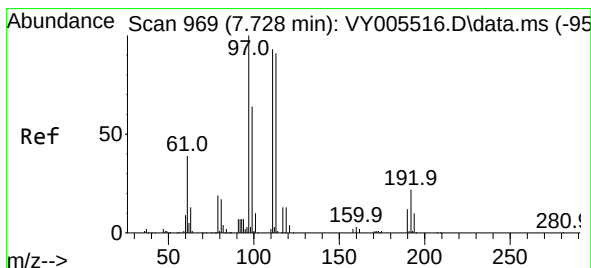
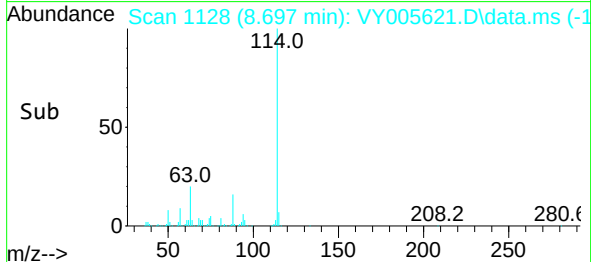
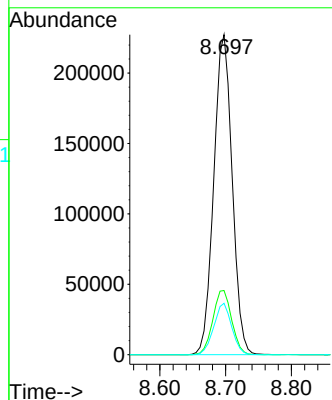
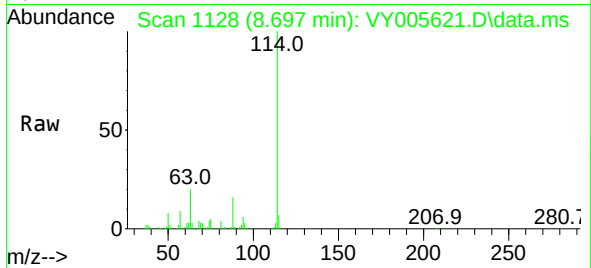




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

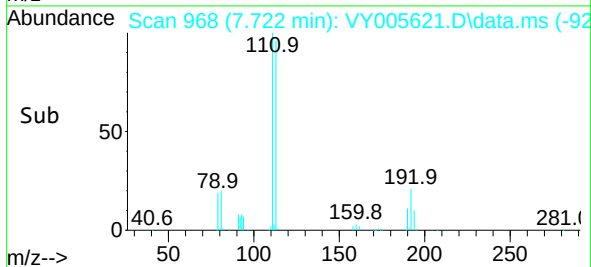
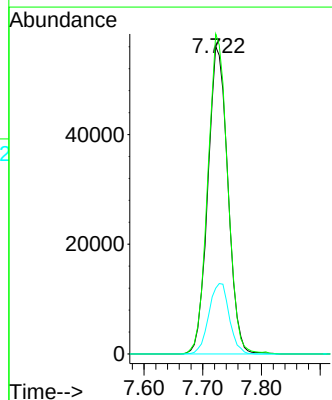
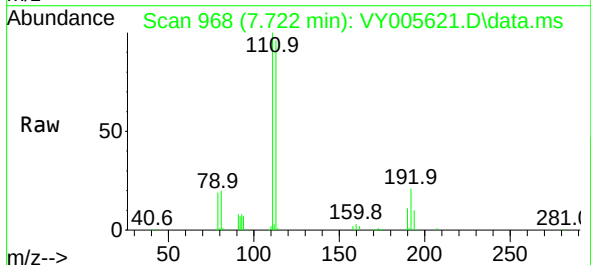
Instrument :
MSVOA_Y
ClientSampled :

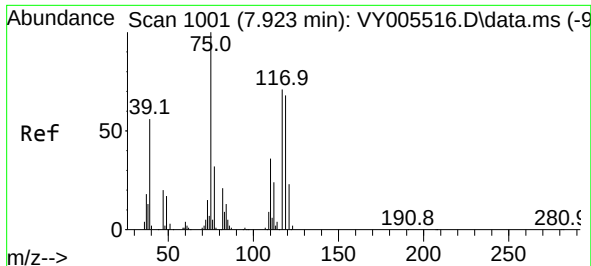
Tgt Ion:114 Resp: 442524
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 16.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.558 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

Tgt Ion:113 Resp: 132694
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 23.3 19.2 28.8

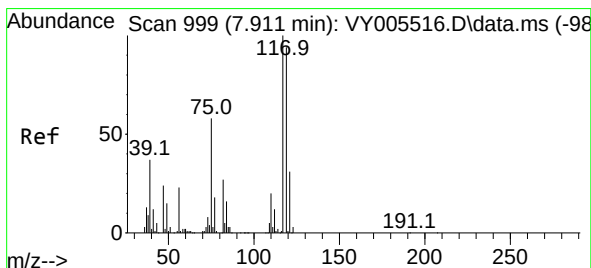
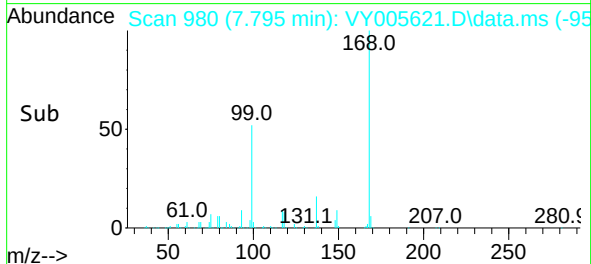
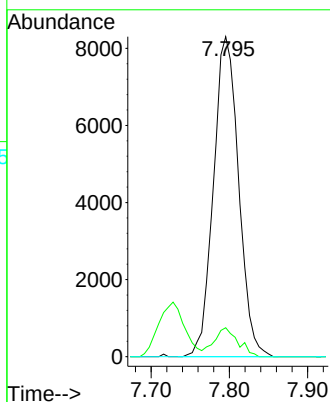
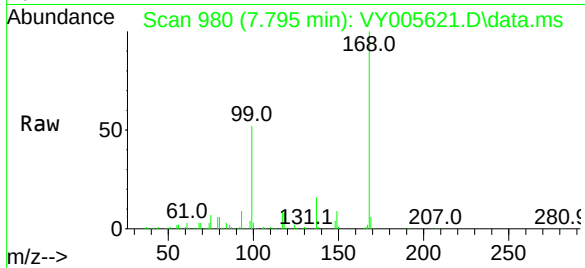




#36
 1,1-Dichloropropene
 Concen: 4.466 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005621.D
 Acq: 12 Aug 2021 14:42

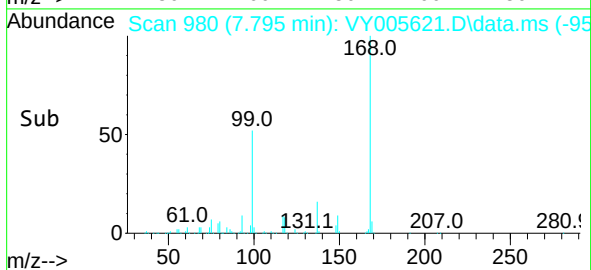
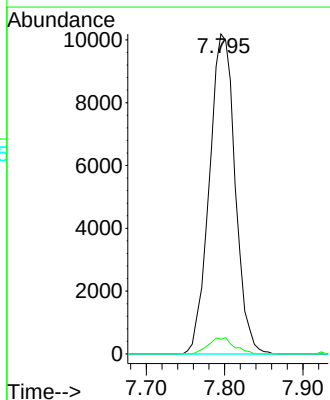
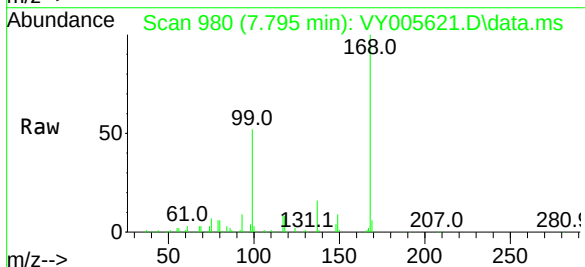
Instrument :
 MSVOA_Y
 ClientSampled :

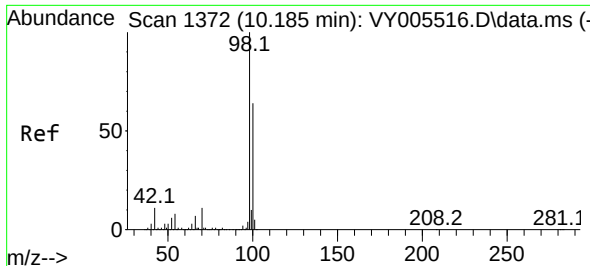
Tgt Ion: 75	Resp: 18538
Ion Ratio	Lower Upper
75 100	
110 8.6	18.1 54.1#
77 0.0	25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.170 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005621.D
 Acq: 12 Aug 2021 14:42

Tgt Ion: 117	Resp: 23322
Ion Ratio	Lower Upper
117 100	
119 4.6	75.4 113.0#
121 0.0	25.1 37.7#

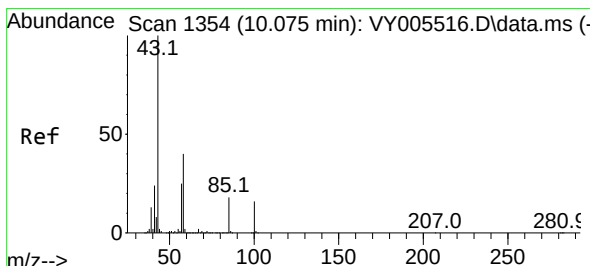
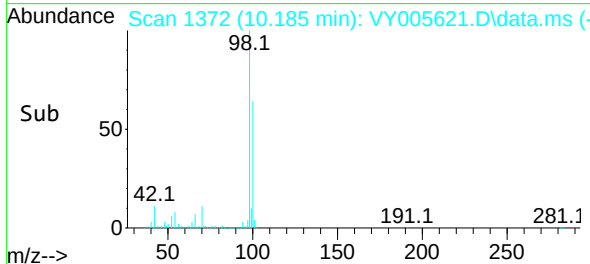
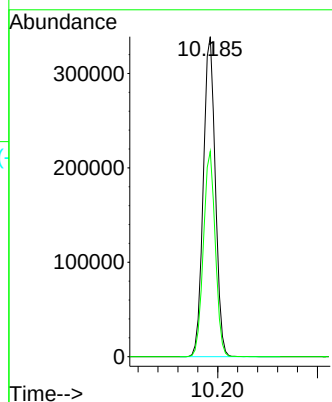
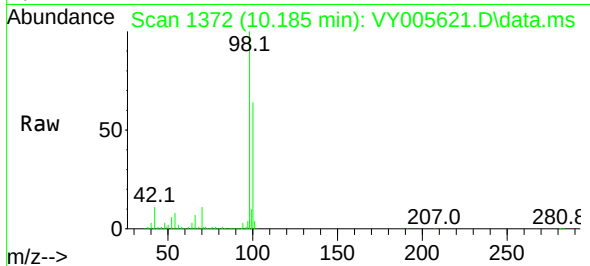




#50
Toluene-d8
Concen: 54.420 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

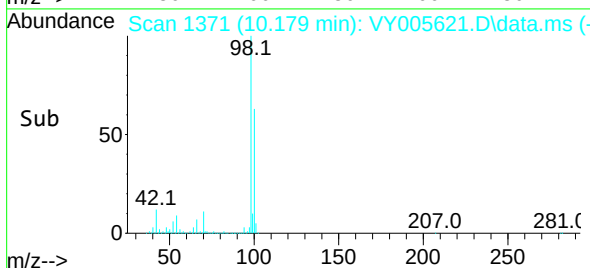
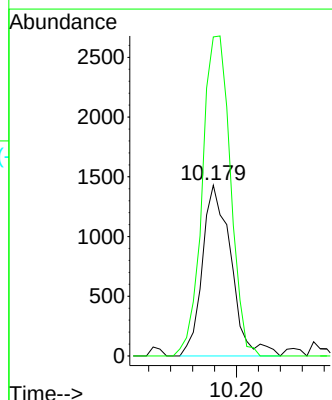
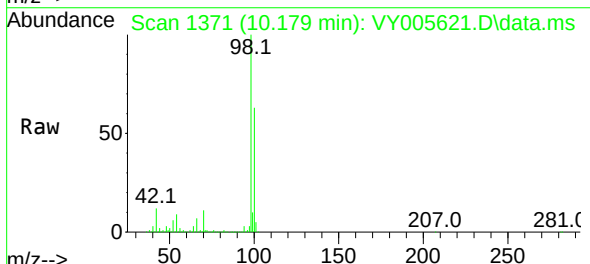
Instrument :
MSVOA_Y
ClientSampled :

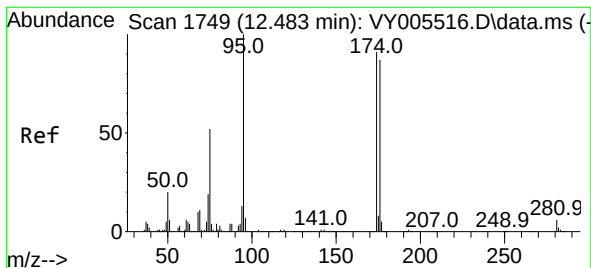
Tgt Ion: 98 Resp: 565467
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.037 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

Tgt Ion: 43 Resp: 2600
Ion Ratio Lower Upper
43 100
58 183.7 31.4 47.2#

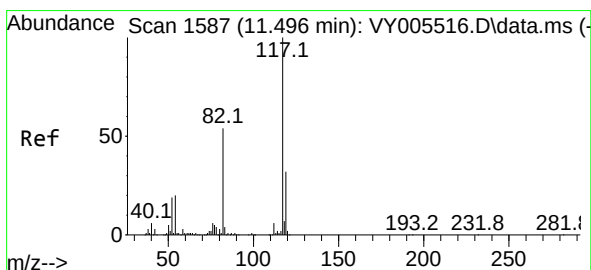
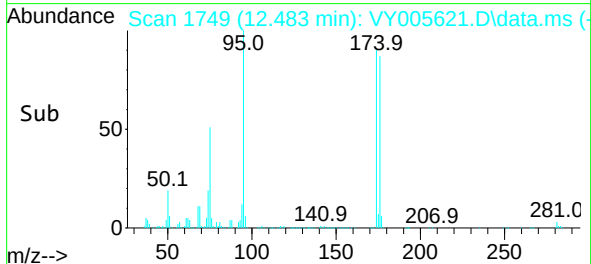
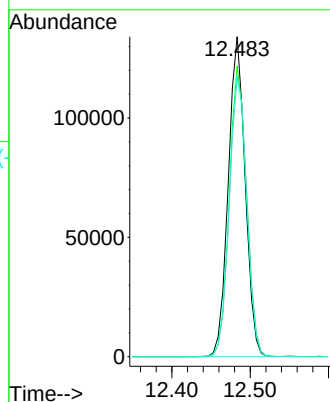
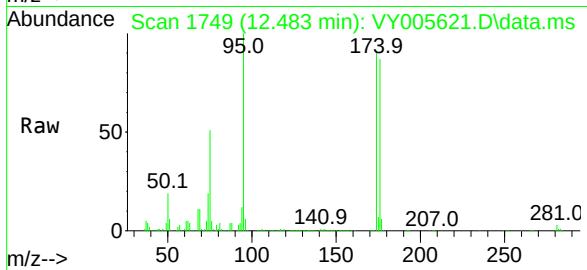




#62
4-Bromofluorobenzene
Concen: 58.464 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

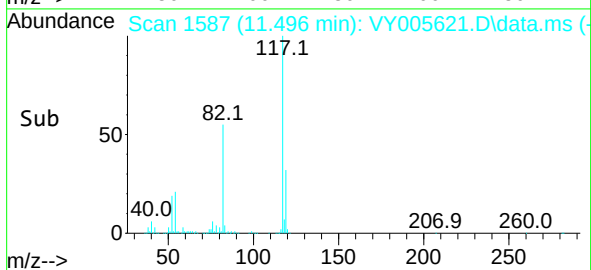
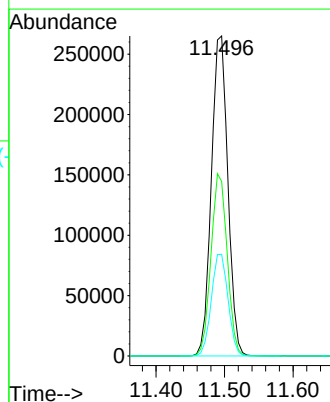
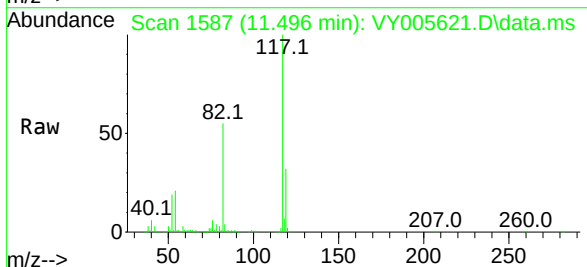
Instrument :
MSVOA_Y
ClientSampleId :

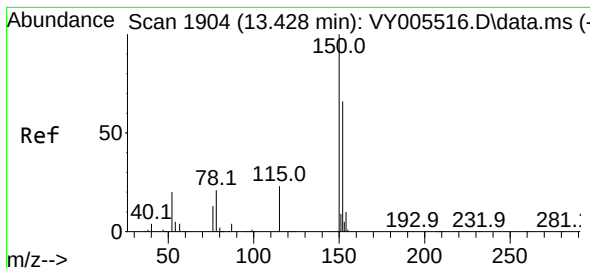
Tgt Ion: 95 Resp: 201171
Ion Ratio Lower Upper
95 100
174 93.1 0.0 191.4
176 90.1 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

Tgt Ion: 117 Resp: 443203
Ion Ratio Lower Upper
117 100
82 54.5 43.5 65.3
119 31.8 25.5 38.3

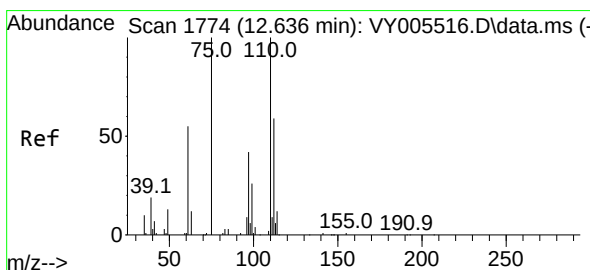
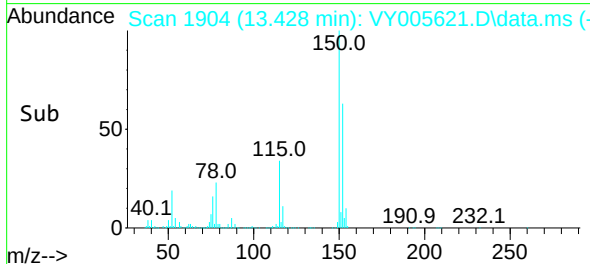
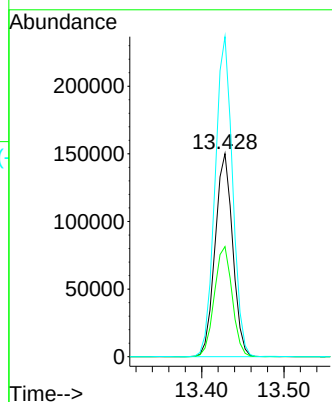
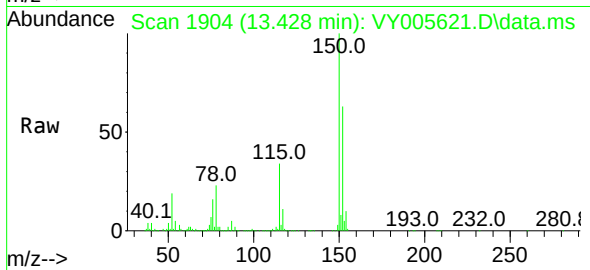




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

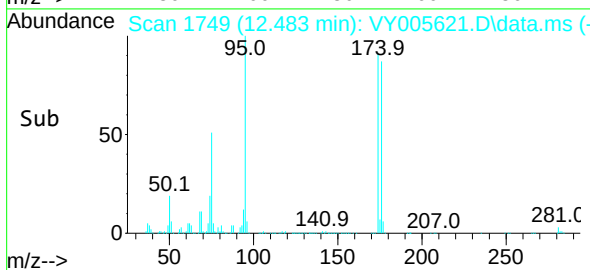
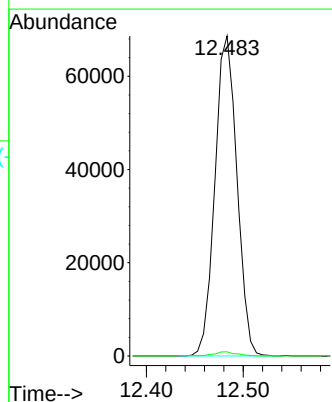
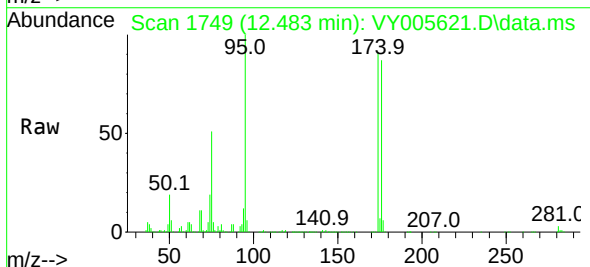
Instrument :
MSVOA_Y
ClientSampleId :

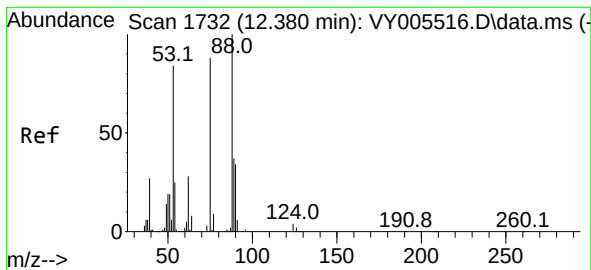
Tgt Ion:152 Resp: 223159
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 156.8 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 46.876 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005621.D
Acq: 12 Aug 2021 14:42

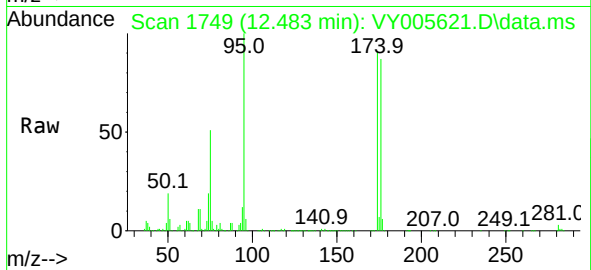
Tgt Ion: 75 Resp: 108405
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.497 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005621.D
 Acq: 12 Aug 2021 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 108405
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.0 38.4 57.6#

