

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005653.D
 Acq On : 13 Aug 2021 22:40
 Operator : SY/MD
 Sample : M3407-22
 Misc : 7.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 28S

Quant Time: Aug 14 03:40:56 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)

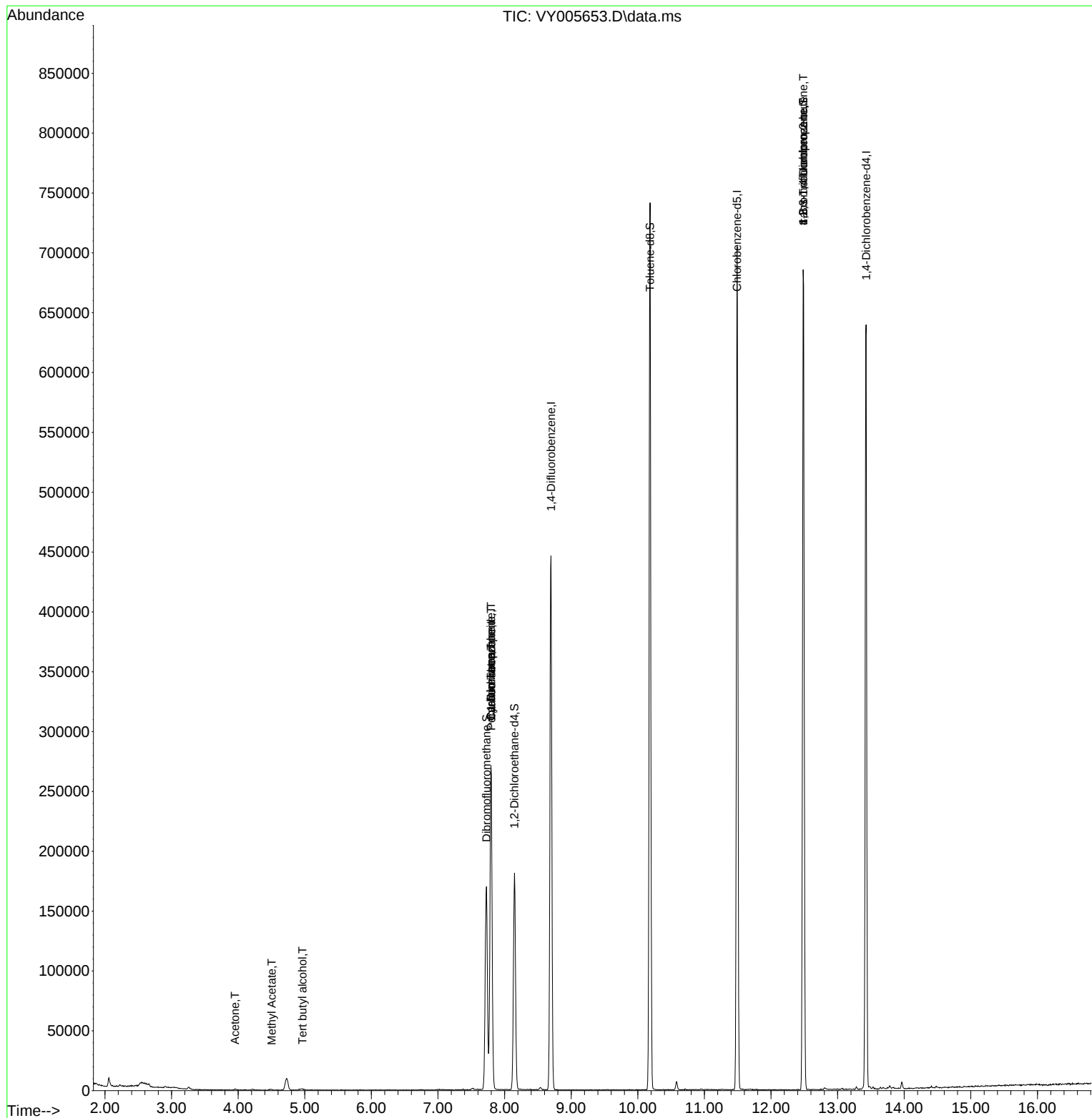
Internal Standards						
1) Pentafluorobenzene	7.801	168	219791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	374799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	376854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	145012	65.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.360%	
35) Dibromofluoromethane	7.728	113	116027	55.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.580%	
50) Toluene-d8	10.185	98	479803	54.519	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.040%	
62) 4-Bromofluorobenzene	12.483	95	149962	51.457	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	2242	10.194	ug/l #	75
16) Acetone	3.954	43	1141	2.034	ug/l #	66
18) Methyl Acetate	4.503	43	1499	1.022	ug/l #	52
20) Methylene Chloride	4.729	84	7206	Below Cal		95
31) Cyclohexane	7.795	56	4240	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15796	4.493	ug/l #	49
38) Carbon Tetrachloride	7.795	117	20000	5.235	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	84457	49.280	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84457	99.342	ug/l #	11

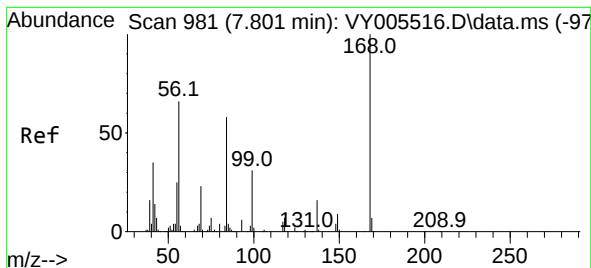
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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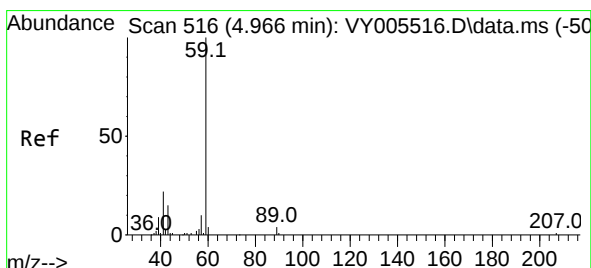
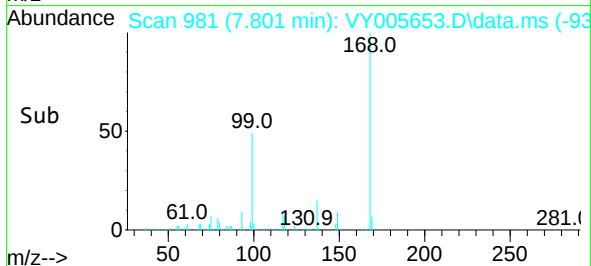
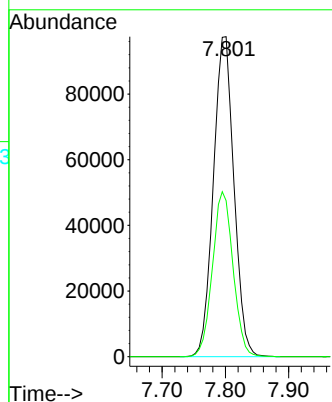
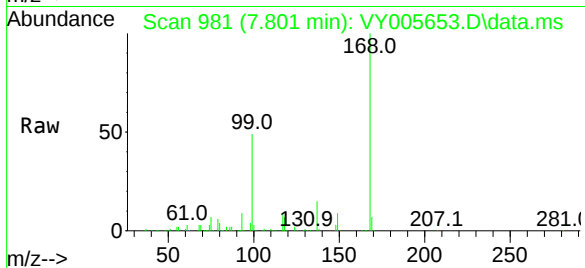




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

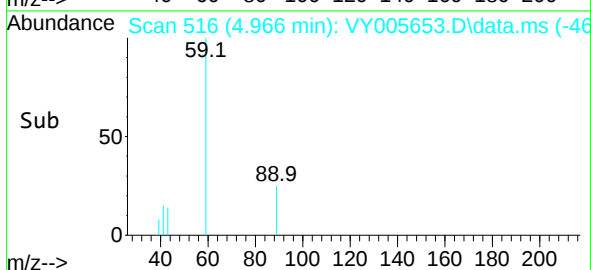
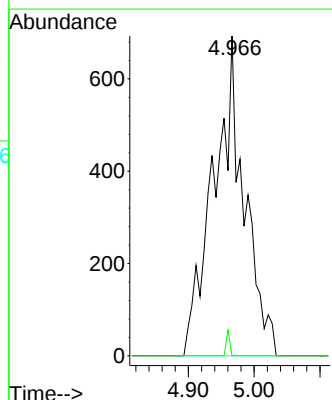
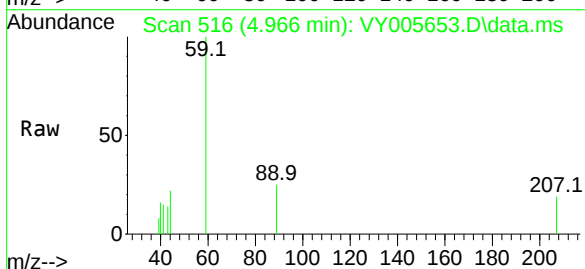
Instrument :
MSVOA_Y
ClientSampleId :
28S

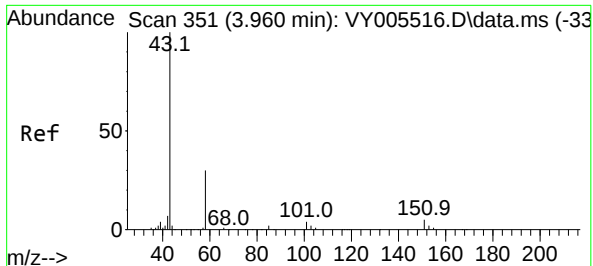
Tgt Ion:168 Resp: 219791
Ion Ratio Lower Upper
168 100
99 48.7 38.9 58.3



#11
Tert butyl alcohol
Concen: 10.194 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

Tgt Ion: 59 Resp: 2242
Ion Ratio Lower Upper
59 100
57 0.9 8.0 12.0#

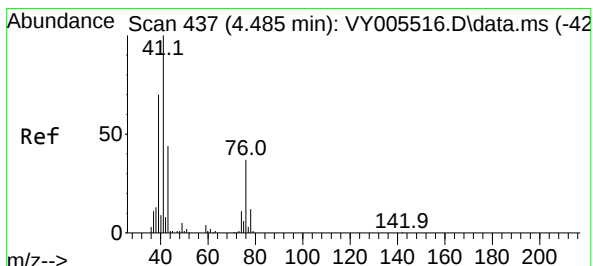
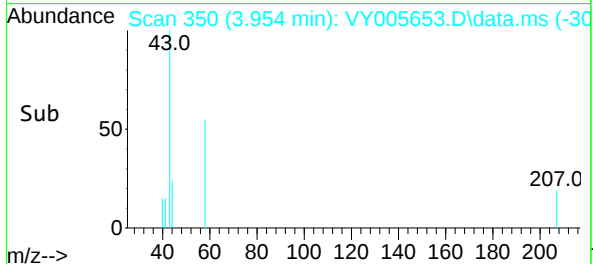
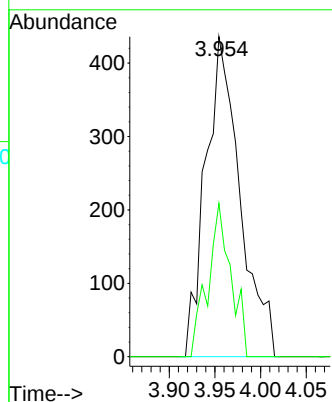
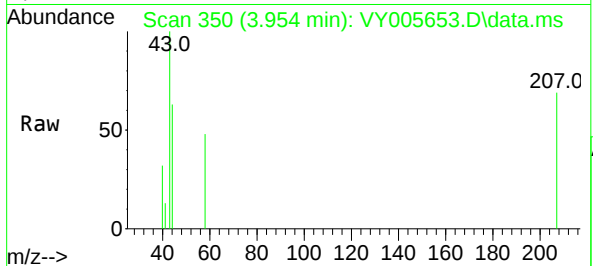




#16
Acetone
Concen: 2.034 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

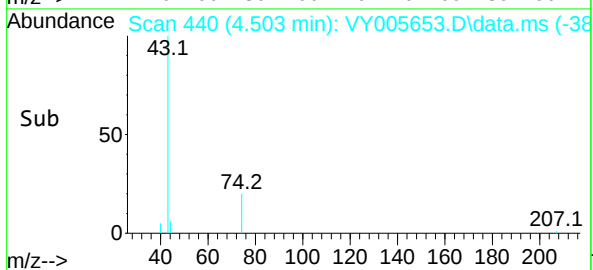
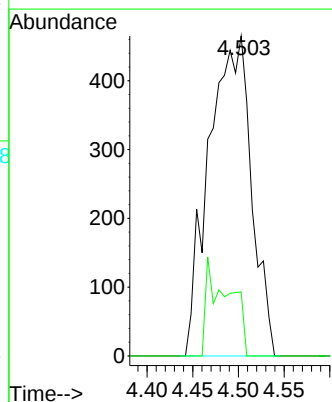
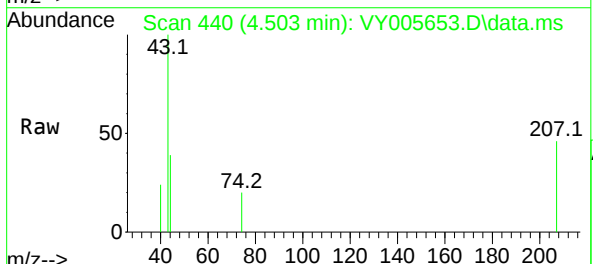
Instrument :
MSVOA_Y
ClientSampleId :
28S

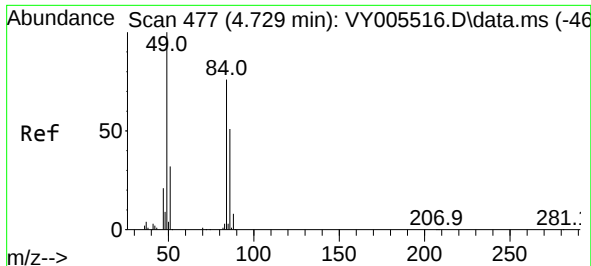
Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
58 47.9 23.8 35.6#



#18
Methyl Acetate
Concen: 1.022 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



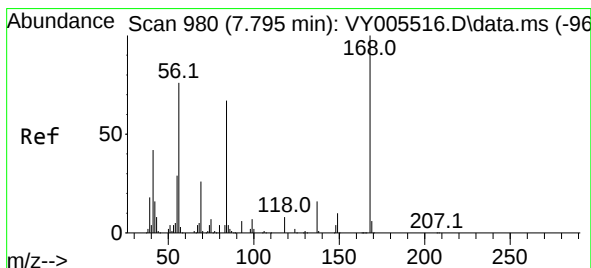
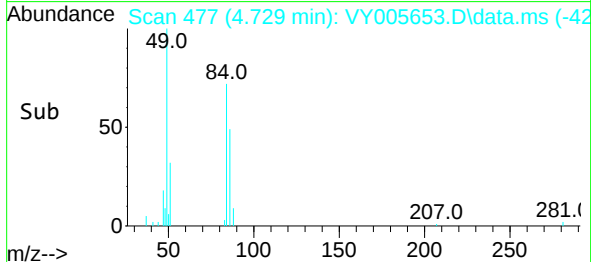
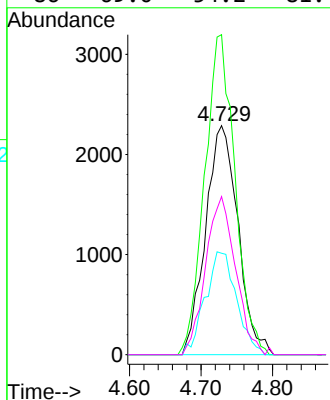
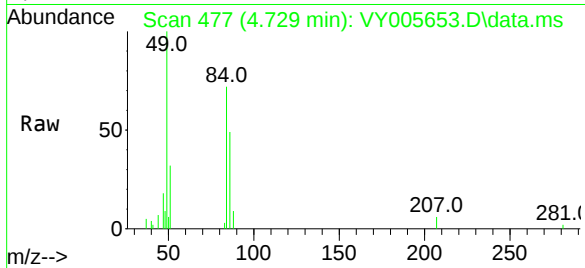


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

Instrument :
MSVOA_Y
ClientSampled :
28S

Tgt Ion: 84 Resp: 7206

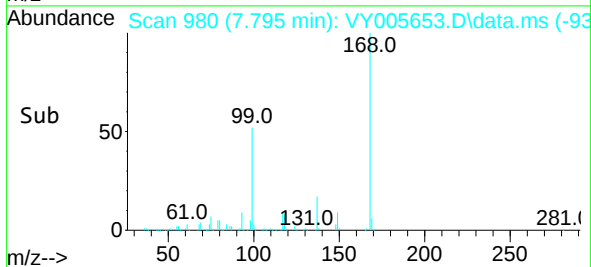
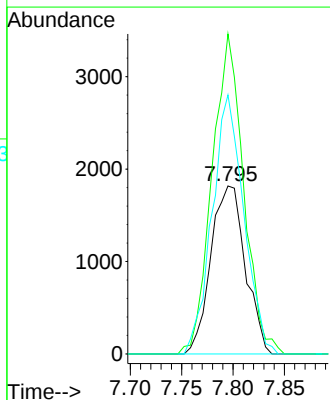
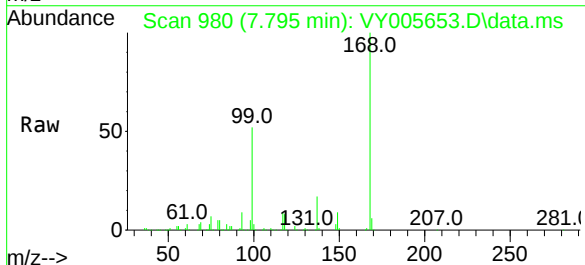
Ion	Ratio	Lower	Upper
84	100		
49	139.7	105.8	158.6
51	44.3	33.4	50.2
86	69.0	54.2	81.4

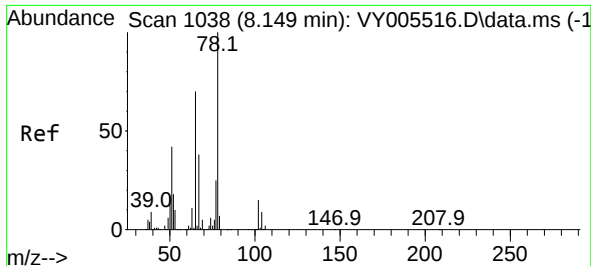


#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

Tgt Ion: 56 Resp: 4240

Ion	Ratio	Lower	Upper
56	100		
69	190.5	27.7	41.5#
84	154.3	70.9	106.3#

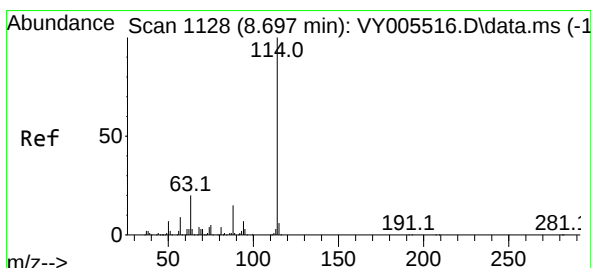
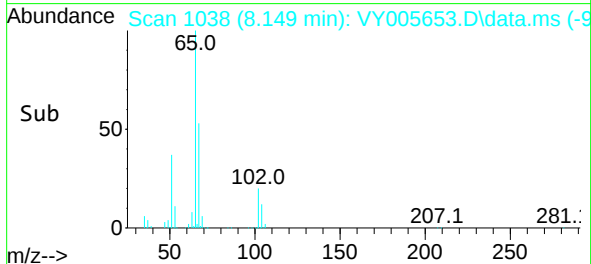
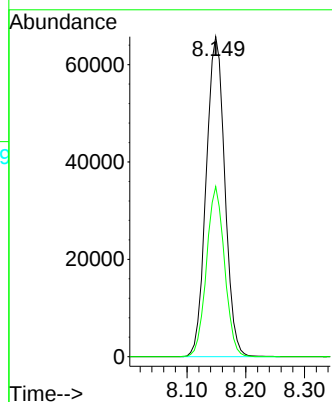
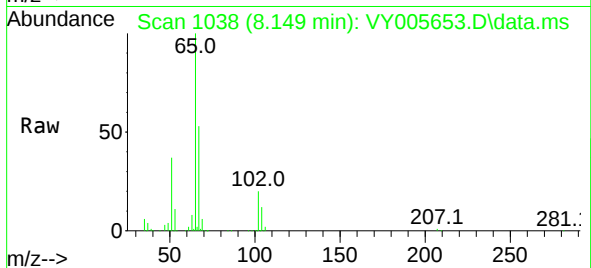




#33
1,2-Dichloroethane-d4
Concen: 65.179 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

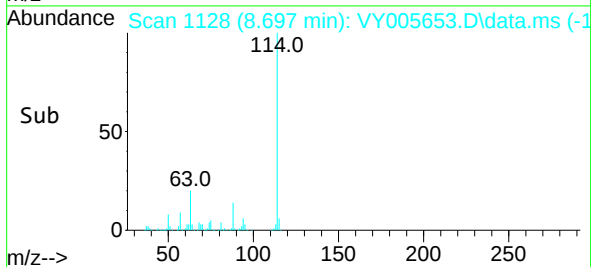
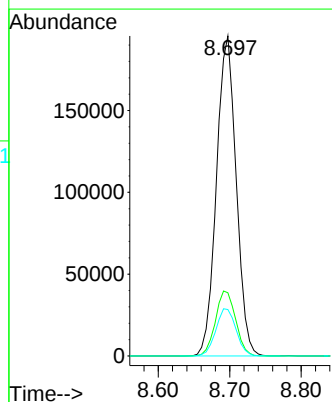
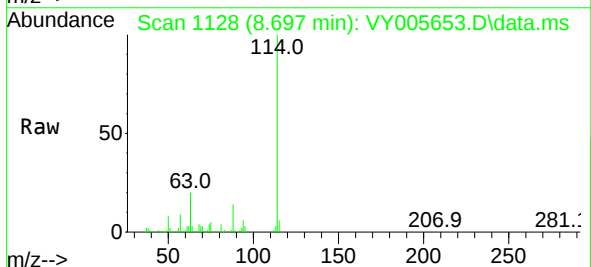
Instrument :
MSVOA_Y
ClientSampled :
28S

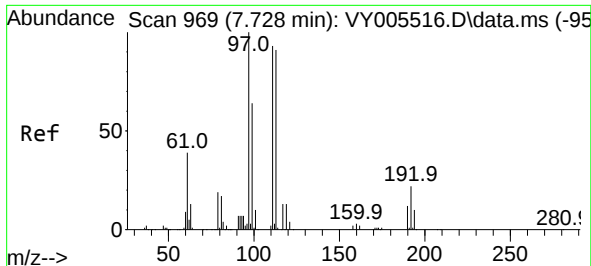
Tgt Ion: 65 Resp: 145012
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

Tgt Ion: 114 Resp: 374799
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 14.5 0.0 30.8

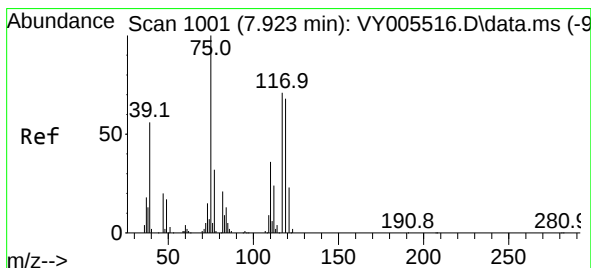
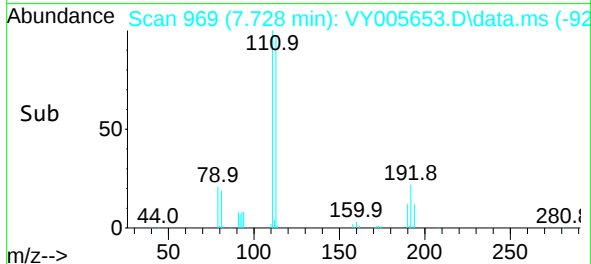
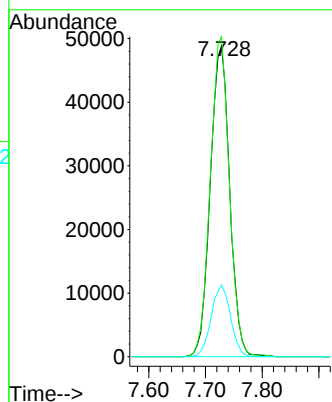
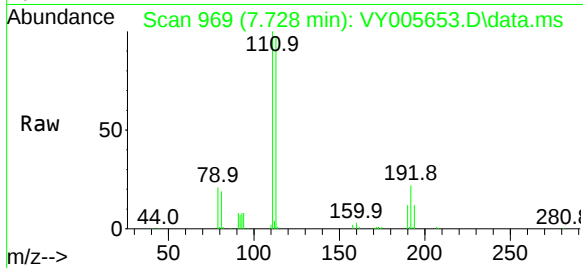




#35
Dibromofluoromethane
Concen: 55.293 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

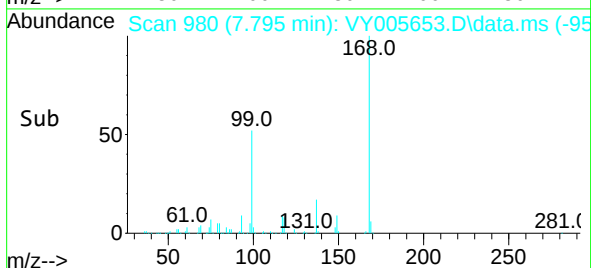
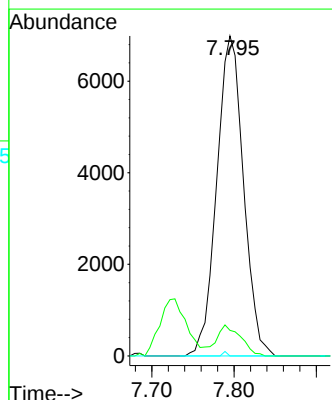
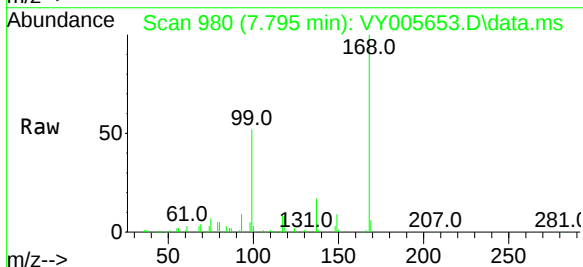
Instrument :
MSVOA_Y
ClientSampled :
28S

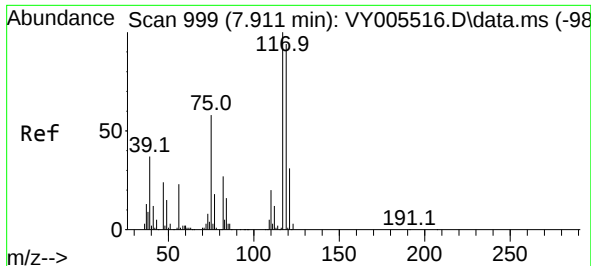
Tgt Ion:113 Resp: 116027
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 23.0 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.493 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

Tgt Ion: 75 Resp: 15796
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.1#
77 0.2 25.1 37.7#

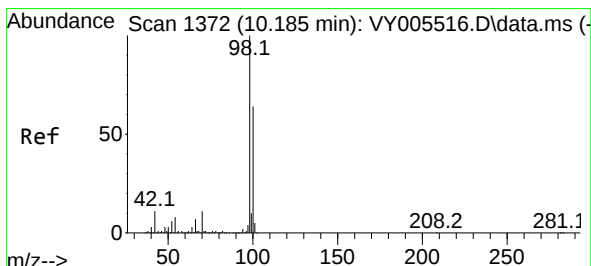
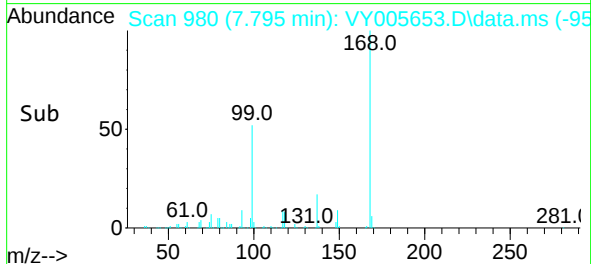
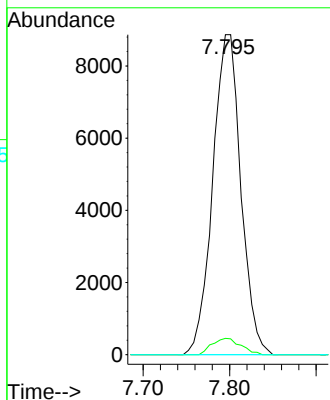
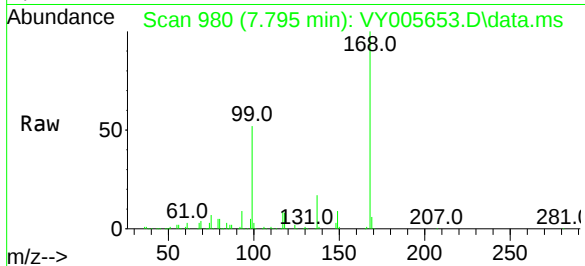




#38
Carbon Tetrachloride
Concen: 5.235 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

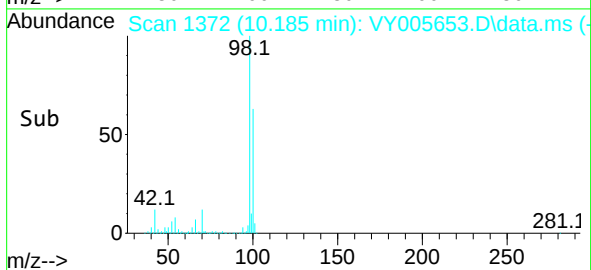
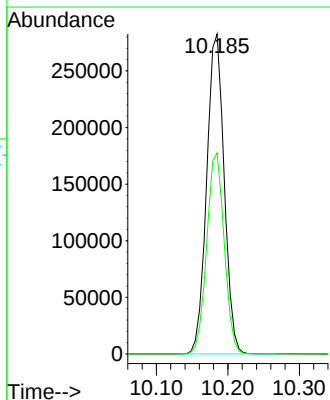
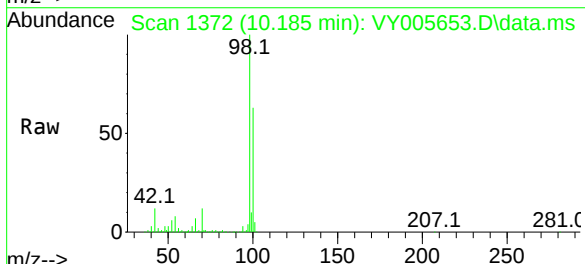
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ClientSampled :
28S

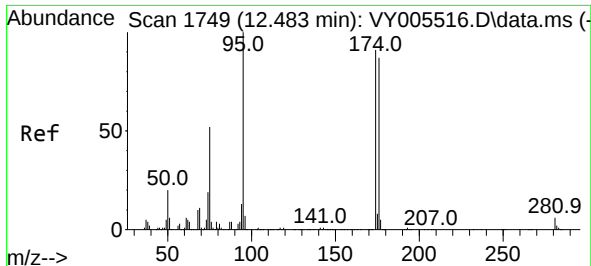
Tgt Ion:117 Resp: 20000
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.519 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

Tgt Ion: 98 Resp: 479803
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9

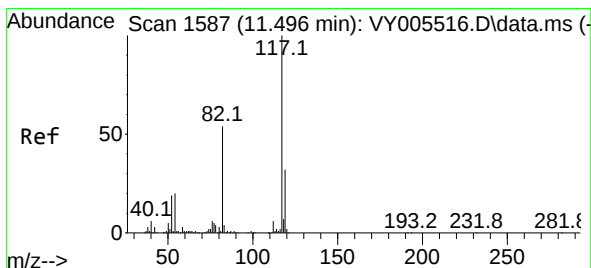
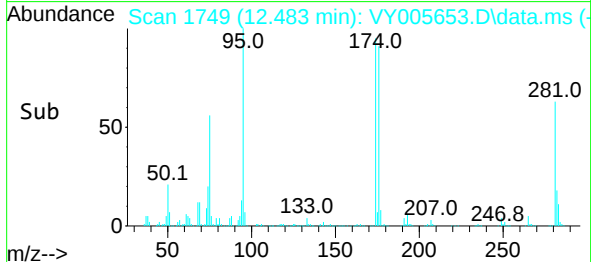
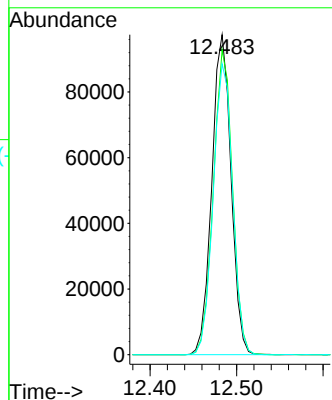
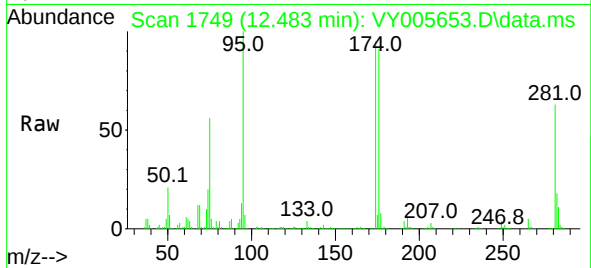




#62
4-Bromofluorobenzene
Concen: 51.457 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

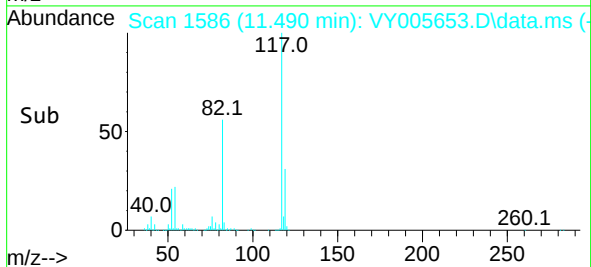
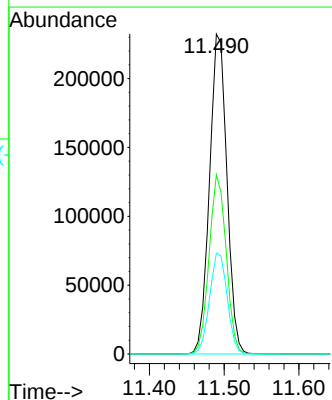
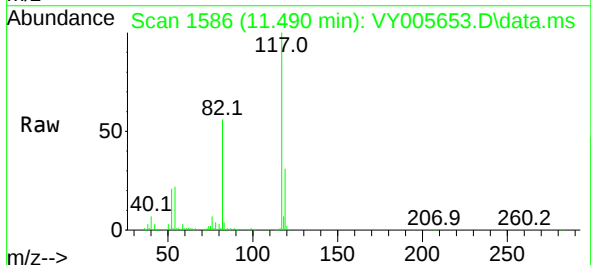
Instrument :
MSVOA_Y
ClientSampled :
28S

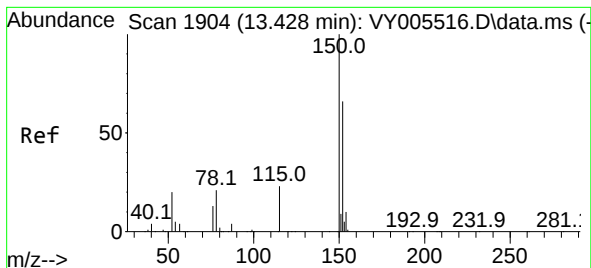
Tgt Ion: 95 Resp: 149962
Ion Ratio Lower Upper
95 100
174 95.0 0.0 191.4
176 92.0 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

Tgt Ion: 117 Resp: 376854
Ion Ratio Lower Upper
117 100
82 56.0 43.5 65.3
119 31.5 25.5 38.3

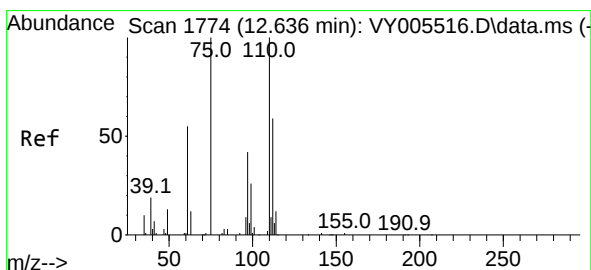
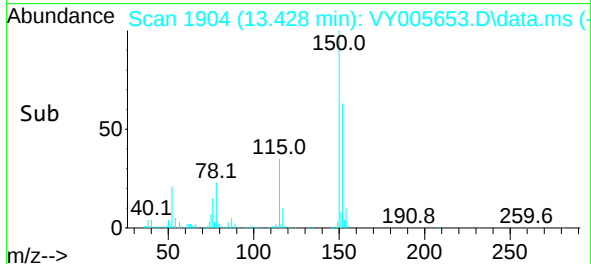
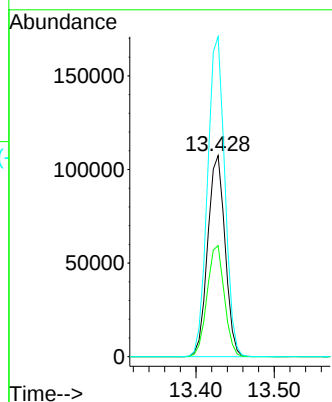
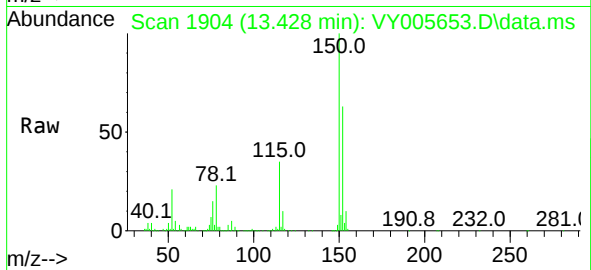




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

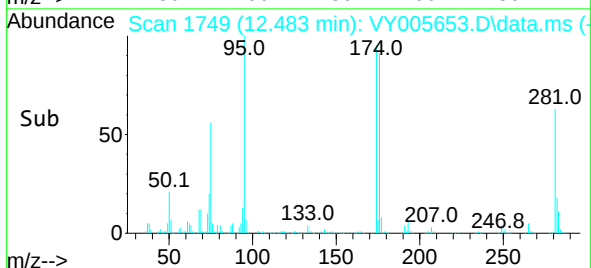
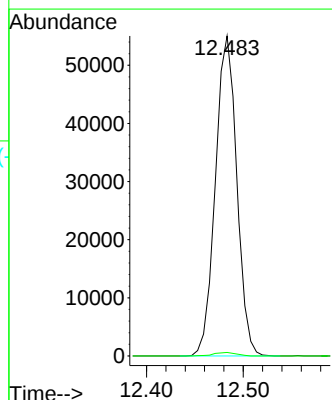
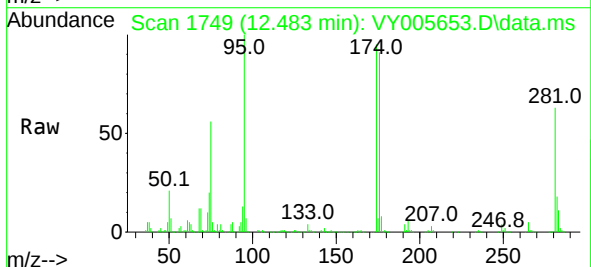
Instrument :
MSVOA_Y
ClientSampleId :
28S

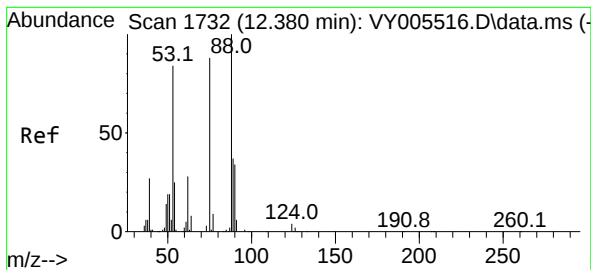
Tgt Ion:152 Resp: 165381
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 158.0 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 49.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005653.D
Acq: 13 Aug 2021 22:40

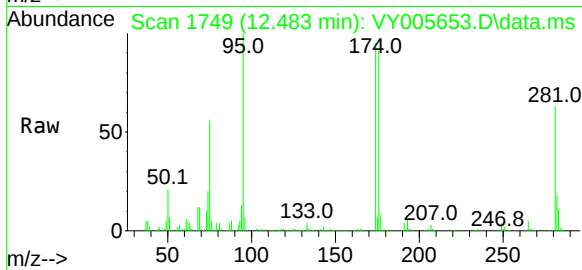
Tgt Ion: 75 Resp: 84457
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.342 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005653.D
 Acq: 13 Aug 2021 22:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 28S



Tgt Ion: 75 Resp: 84457
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.6 38.4 57.6#

