

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006338.D
 Acq On : 07 Oct 2021 17:49
 Operator : SY/MD
 Sample : M4117-09
 Misc : 5.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(6.5-7.0)

Quant Time: Oct 08 07:13:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

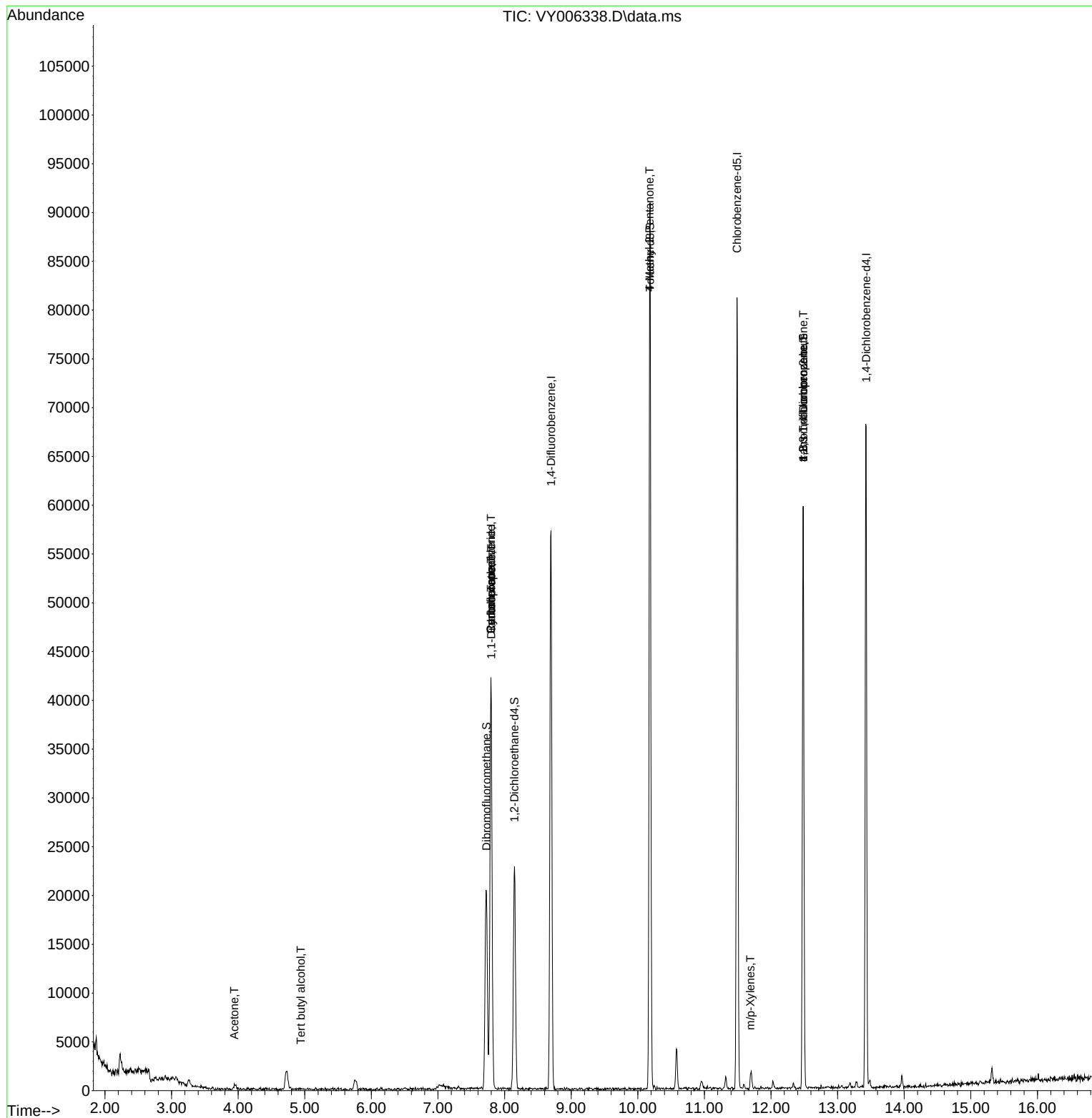
Internal Standards						
1) Pentafluorobenzene	7.795	168	32265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	49189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	42093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	19197	55.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.180%	
35) Dibromofluoromethane	7.728	113	14176	53.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.880%	
50) Toluene-d8	10.184	98	59936	54.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.980%	
62) 4-Bromofluorobenzene	12.483	95	15983	42.777	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	65	2.152	ug/l #	77
16) Acetone	3.942	43	785	8.139	ug/l	98
31) Cyclohexane	7.795	56	811	1.240	ug/l #	53
36) 1,1-Dichloropropene	7.801	75	2558	5.227	ug/l #	49
38) Carbon Tetrachloride	7.795	117	3235	6.260	ug/l #	11
51) 4-Methyl-2-Pentanone	10.178	43	333	1.173	ug/l #	1
68) m/p-Xylenes	11.690	106	689	1.155	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	9034	51.406	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9034	101.020	ug/l #	7

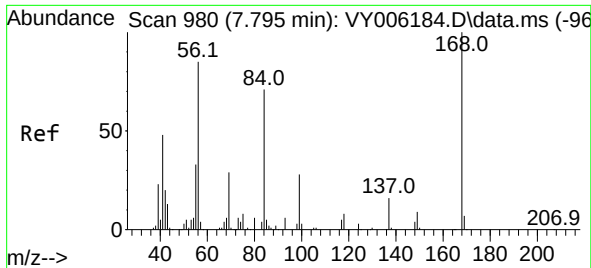
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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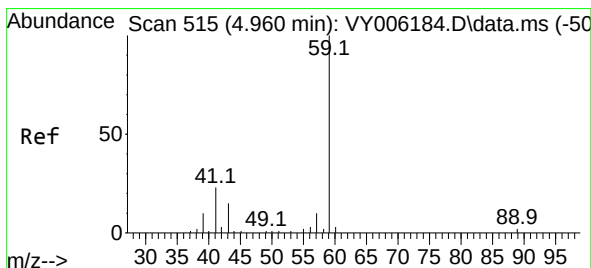
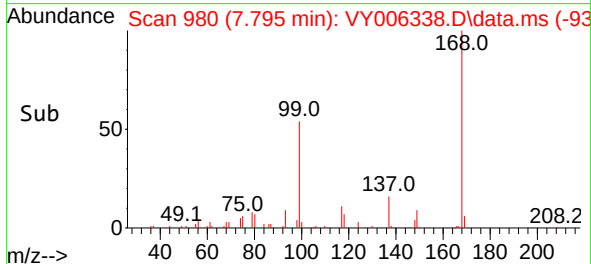
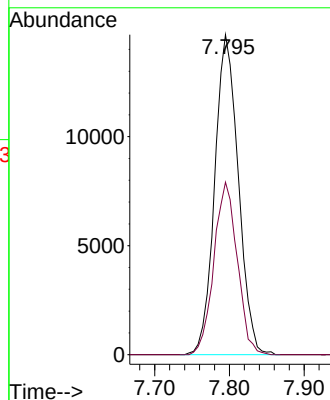
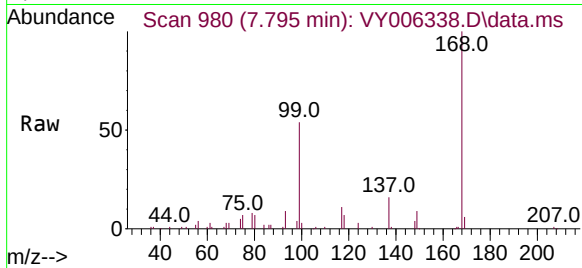




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

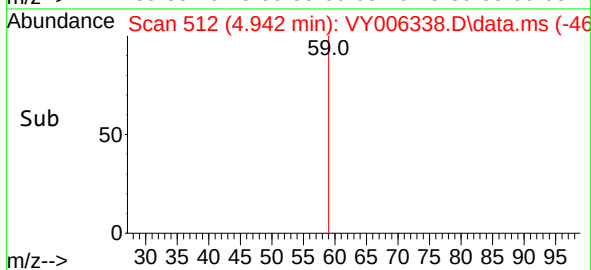
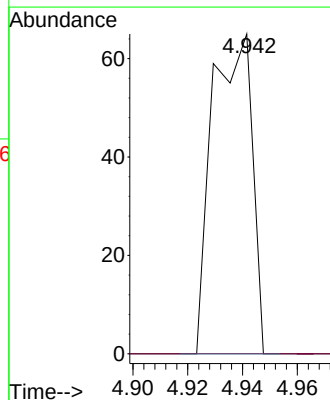
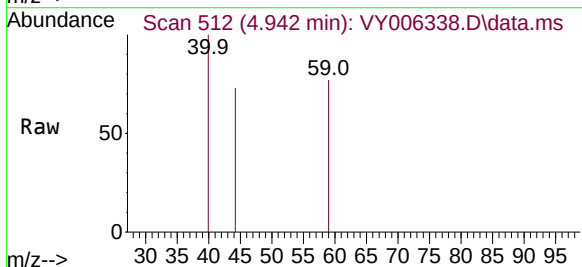
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(6.5-7.0)

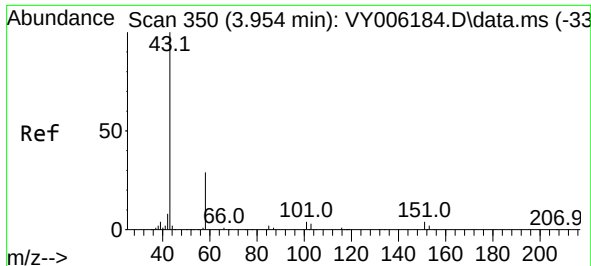
Tgt Ion:168 Resp: 32265
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.152 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

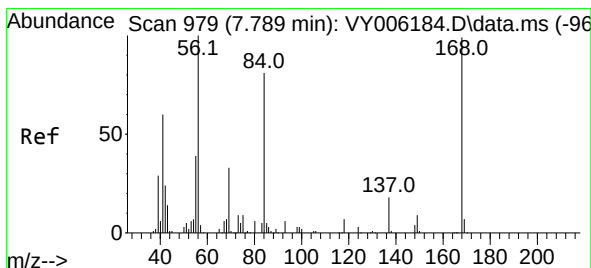
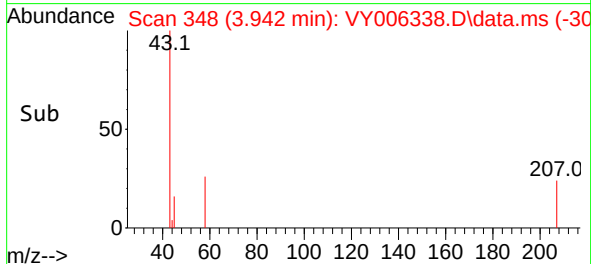
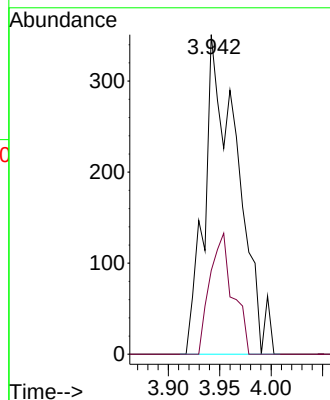
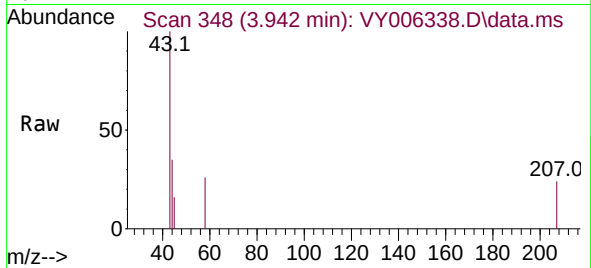




#16
Acetone
Concen: 8.139 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

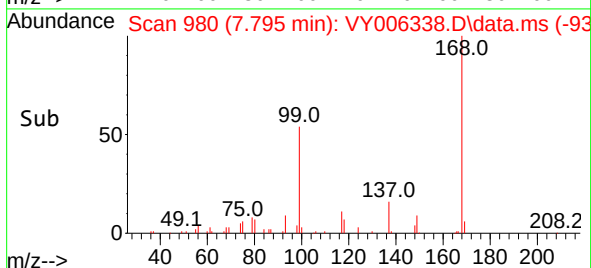
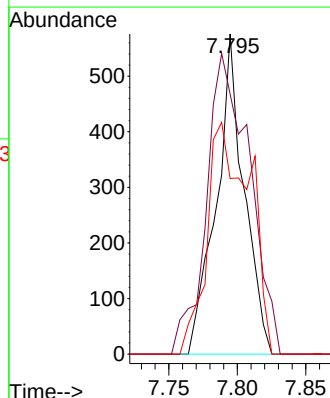
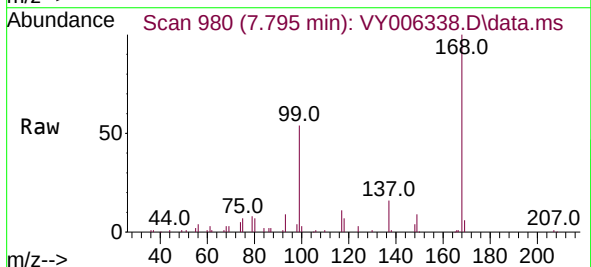
Instrument :
MSVOA_Y
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SB-3(6.5-7.0)

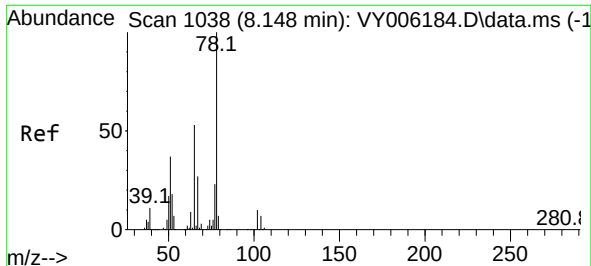
Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 26.2 22.0 33.0



#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

Tgt Ion: 56 Resp: 811
Ion Ratio Lower Upper
56 100
69 81.3 26.7 40.1#
84 54.9 67.2 100.8#

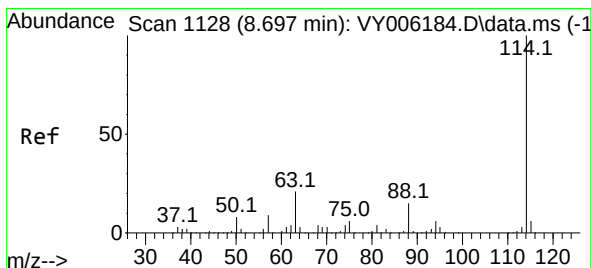
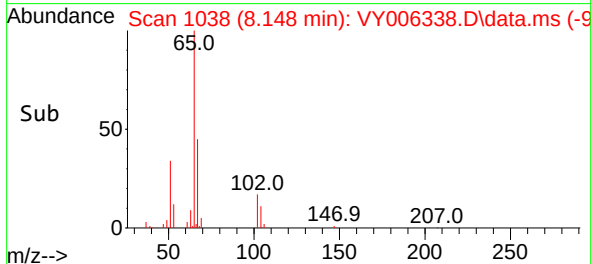
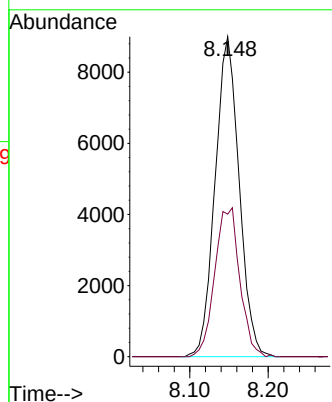
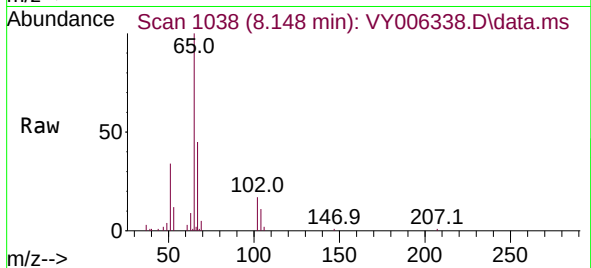




#33
 1,2-Dichloroethane-d4
 Concen: 55.590 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006338.D
 Acq: 07 Oct 2021 17:49

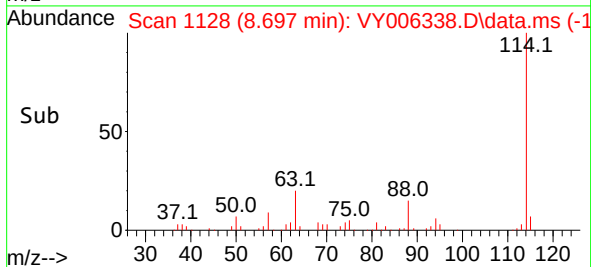
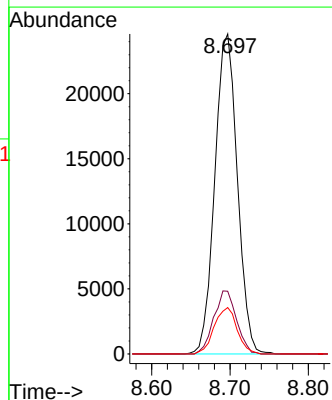
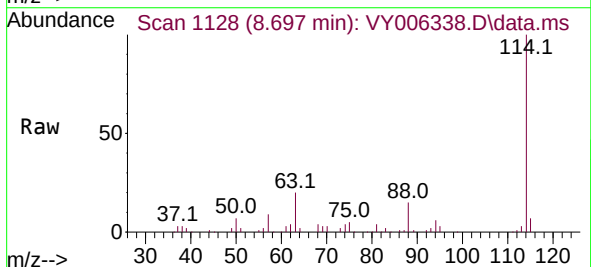
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(6.5-7.0)

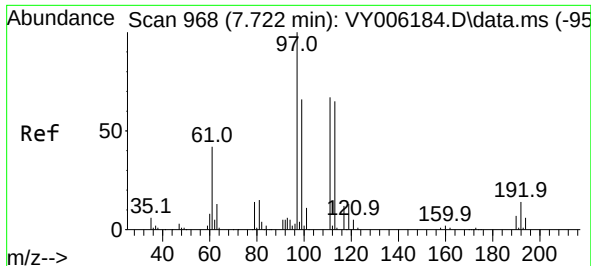
Tgt Ion: 65 Resp: 19197
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006338.D
 Acq: 07 Oct 2021 17:49

Tgt Ion: 114 Resp: 49189
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.2
 88 14.5 0.0 31.8

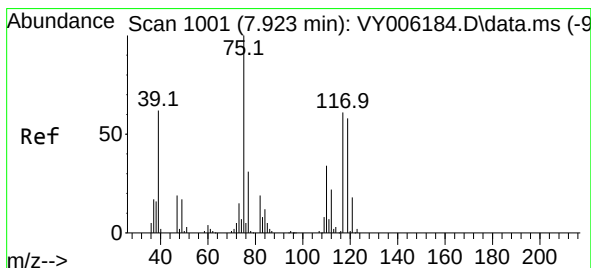
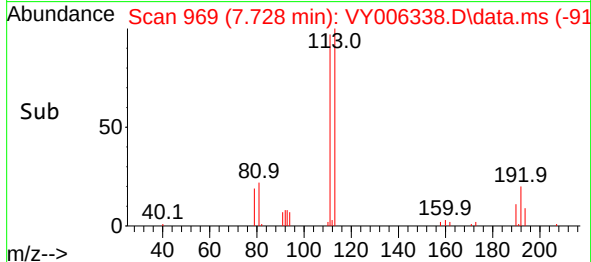
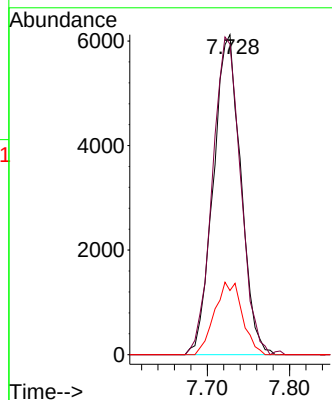
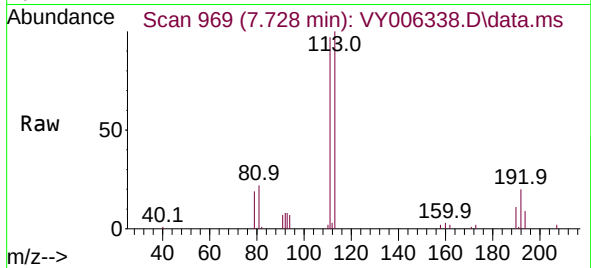




#35
Dibromofluoromethane
Concen: 53.943 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

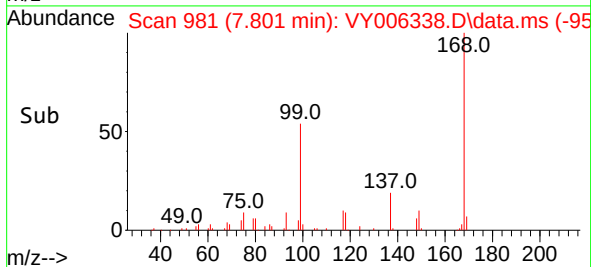
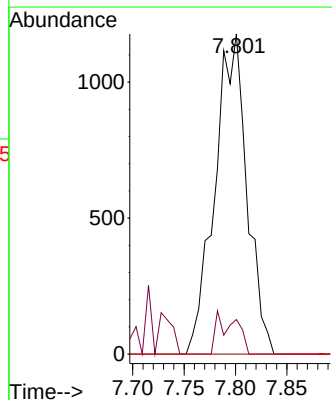
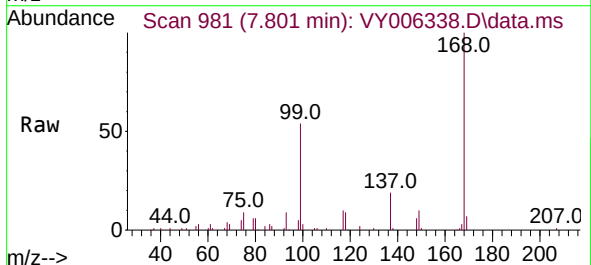
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(6.5-7.0)

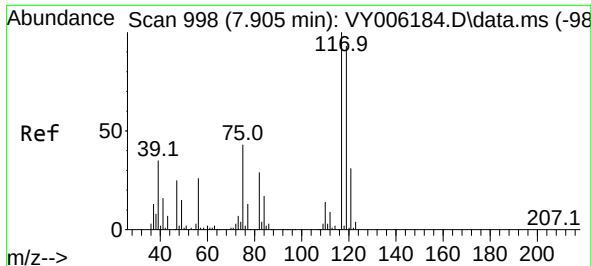
Tgt Ion:113 Resp: 14176
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 23.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.227 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

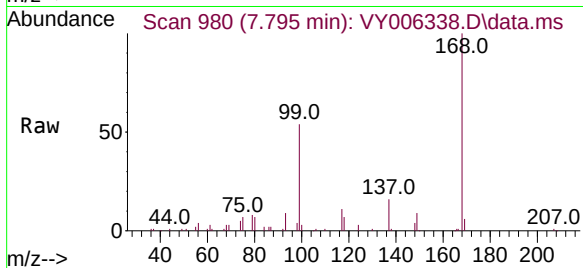
Tgt Ion: 75 Resp: 2558
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.0 24.4 36.6#



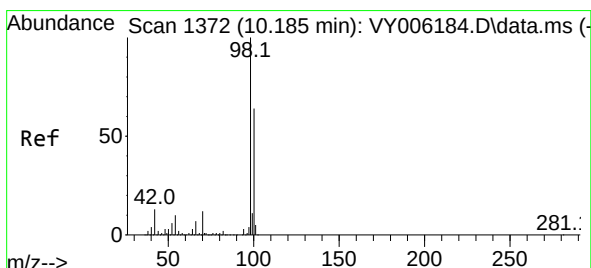
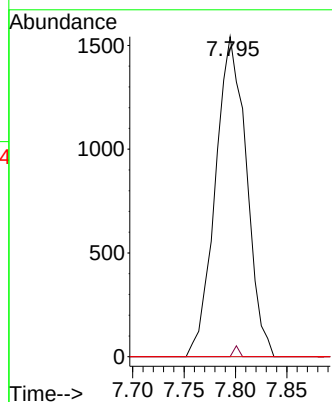
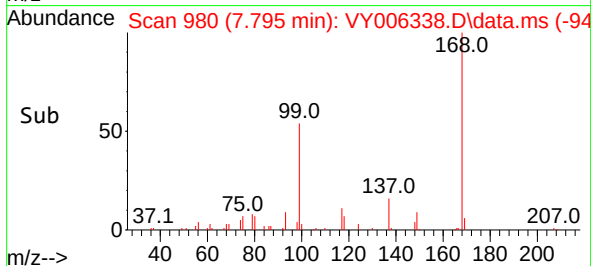


#38
Carbon Tetrachloride
Concen: 6.260 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

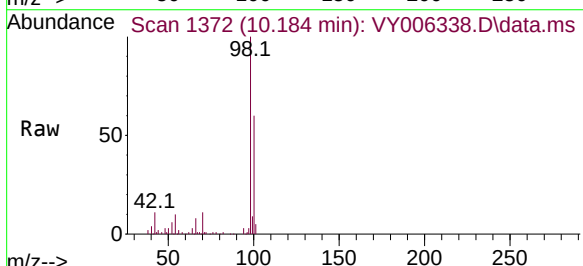
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(6.5-7.0)



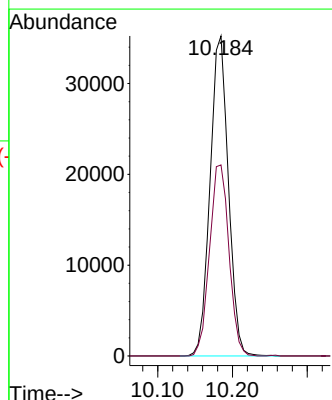
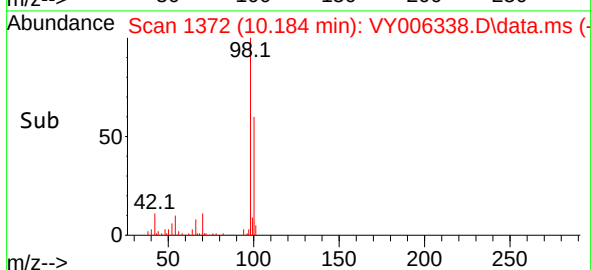
Tgt Ion:117 Resp: 3235
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

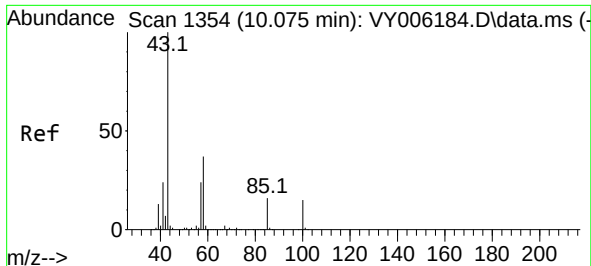


#50
Toluene-d8
Concen: 54.494 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49



Tgt Ion: 98 Resp: 59936
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

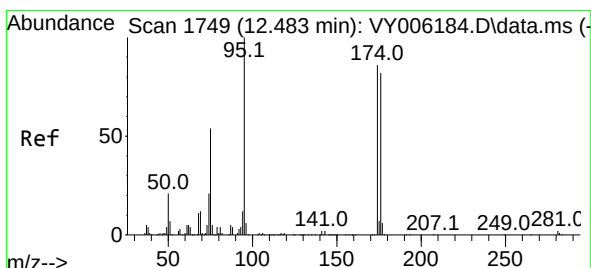
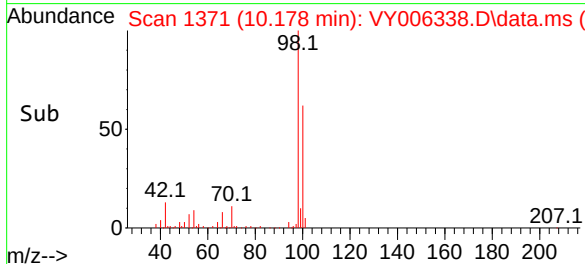
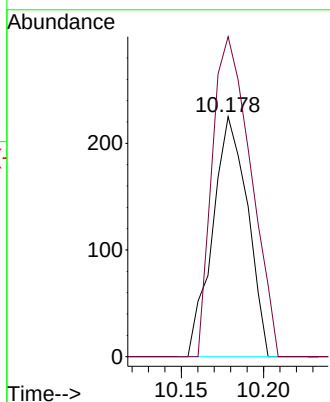
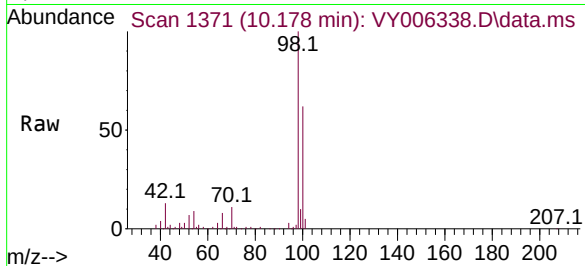




#51
4-Methyl-2-Pentanone
Concen: 1.173 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

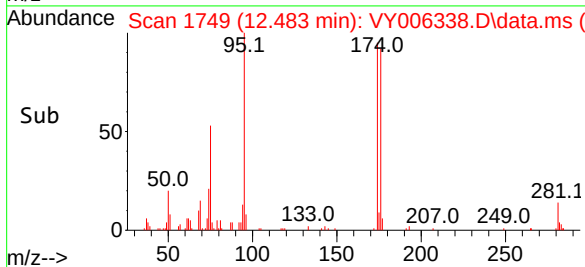
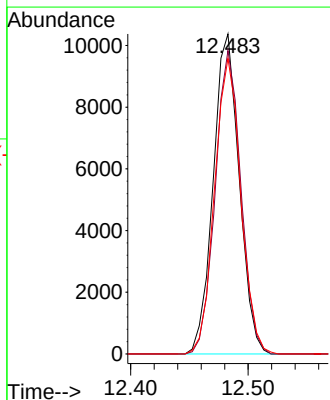
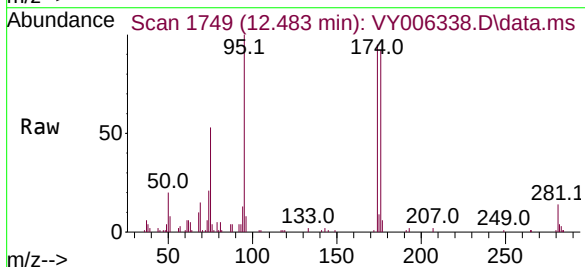
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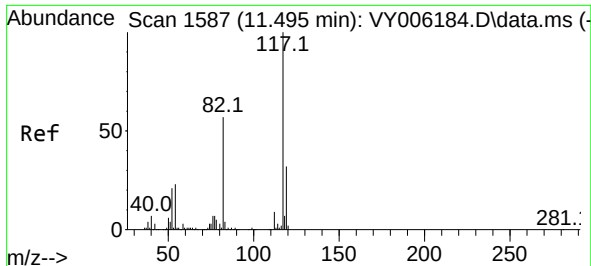
Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
58 146.8 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 42.777 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

Tgt Ion: 95 Resp: 15983
Ion Ratio Lower Upper
95 100
174 93.4 0.0 177.0
176 92.8 0.0 175.8

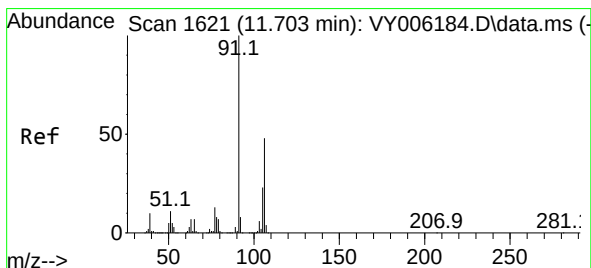
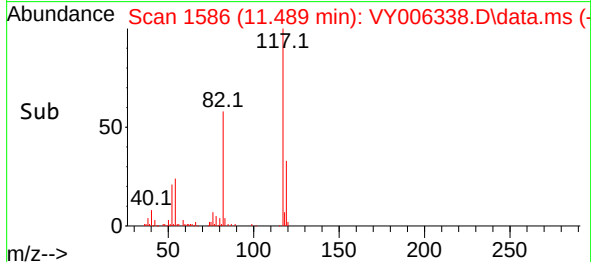
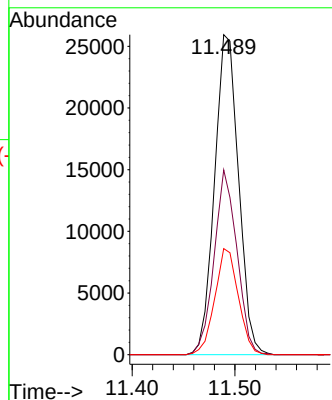
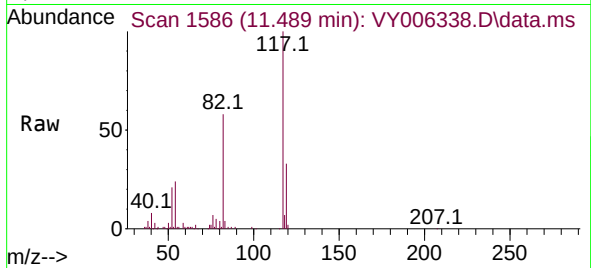




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

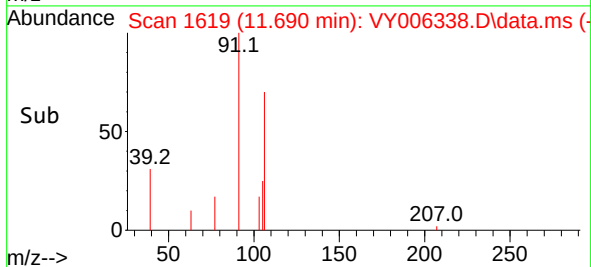
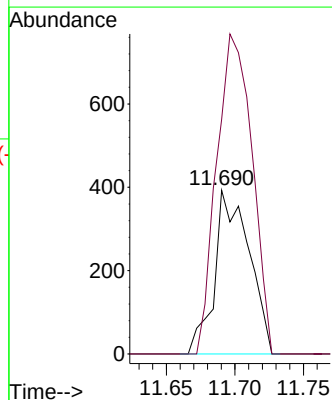
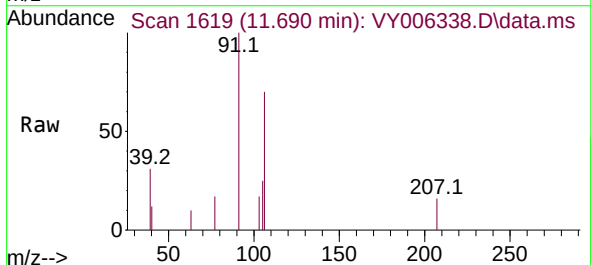
Instrument :
MSVOA_Y
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SB-3(6.5-7.0)

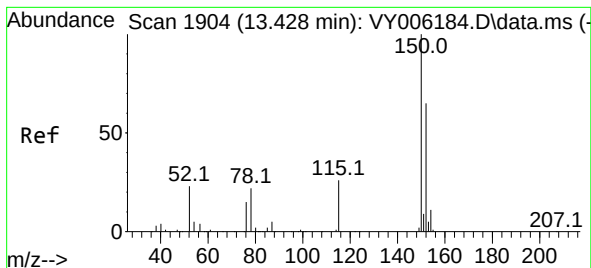
Tgt Ion:117	Resp:	42093
Ion Ratio	Lower	Upper
117	100	
82	57.8	43.0 64.4
119	33.2	25.4 38.0



#68
m/p-Xylenes
Concen: 1.155 ug/l
RT: 11.690 min Scan# 1619
Delta R.T. -0.012 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

Tgt Ion:106	Resp:	689
Ion Ratio	Lower	Upper
106	100	
91	200.7	166.6 249.8

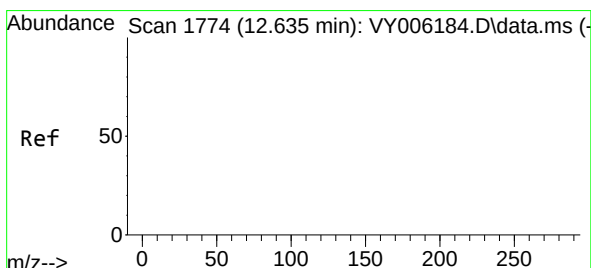
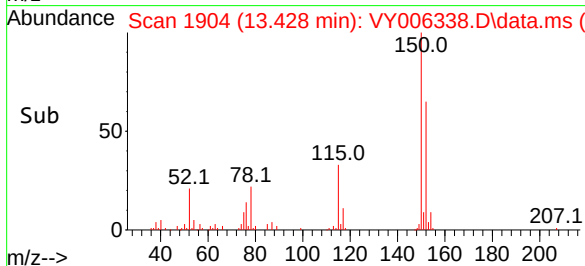
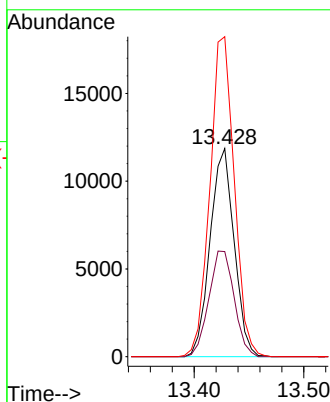
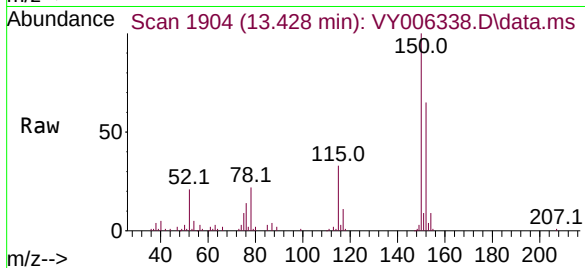




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

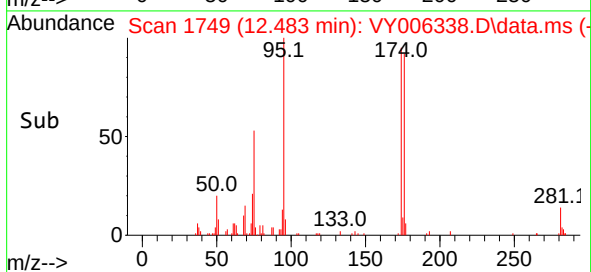
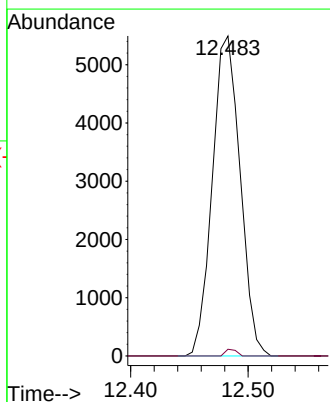
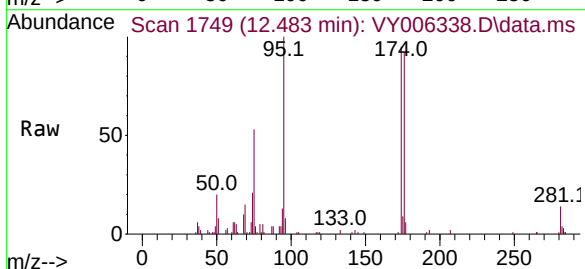
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(6.5-7.0)

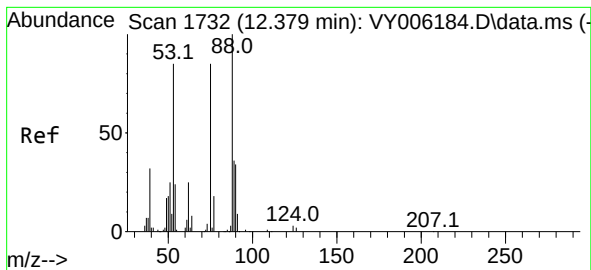
Tgt Ion:152 Resp: 18081
Ion Ratio Lower Upper
152 100
115 53.3 28.2 84.7
150 155.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.406 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006338.D
Acq: 07 Oct 2021 17:49

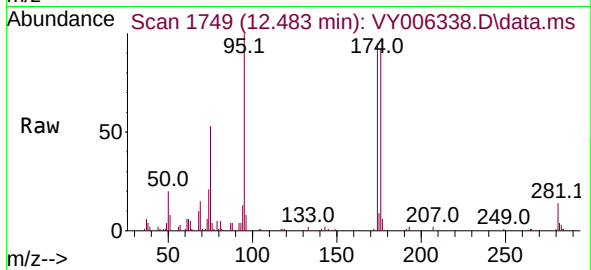
Tgt Ion: 75 Resp: 9034
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.020 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY006338.D
 Acq: 07 Oct 2021 17:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(6.5-7.0)



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

