

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006407.D
 Acq On : 15 Oct 2021 15:28
 Operator : SY/MD
 Sample : M4227-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 04:45:34 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)

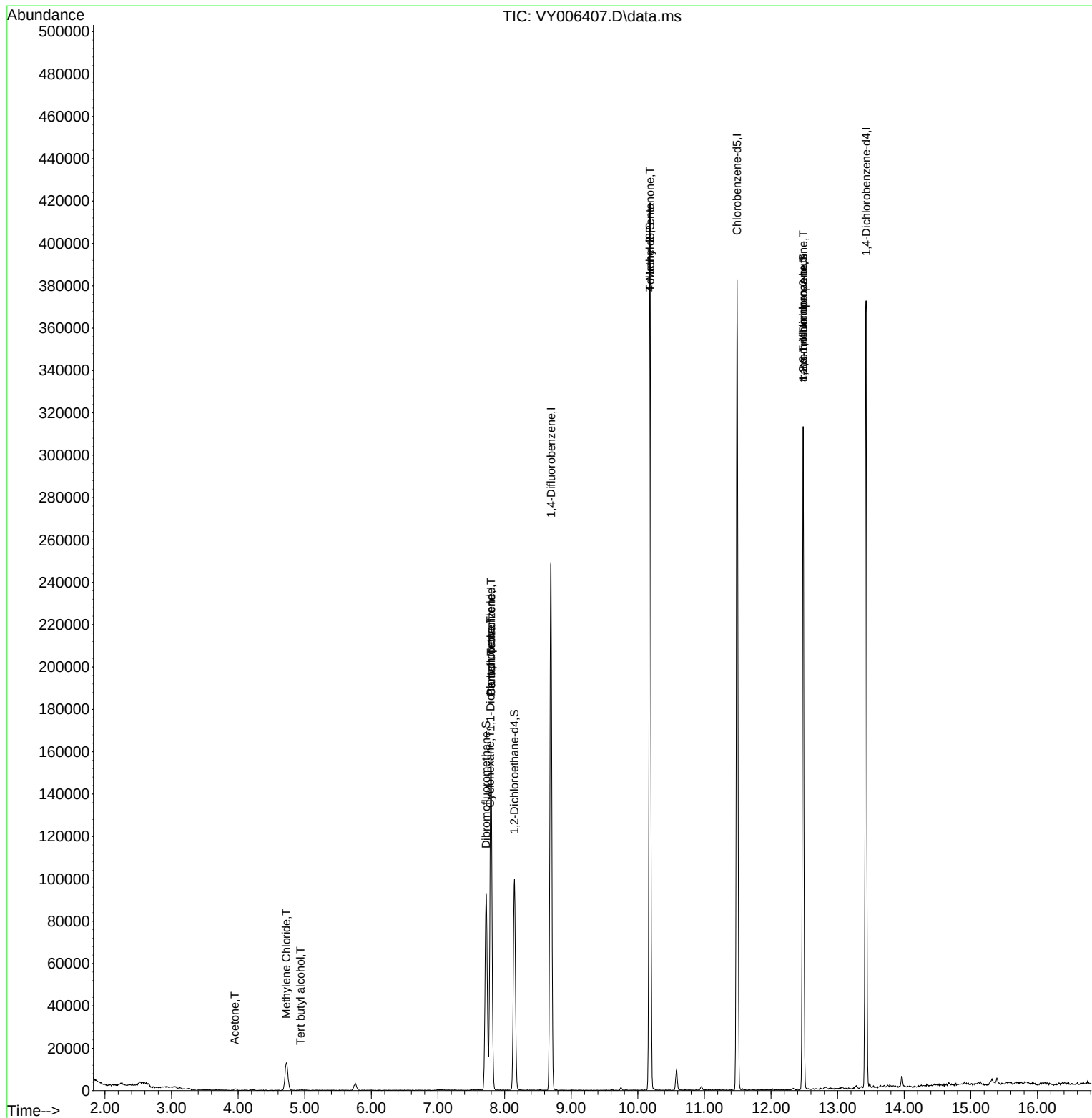
Internal Standards						
1) Pentafluorobenzene	7.795	168	124357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	197985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83509	62.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.480%
35) Dibromofluoromethane	7.722	113	62323	56.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.920%
50) Toluene-d8	10.185	98	264121	57.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.340%
62) 4-Bromofluorobenzene	12.483	95	83358	53.117	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	397	3.410	ug/l #	77
16) Acetone	3.948	43	1386	3.728	ug/l #	87
20) Methylene Chloride	4.722	84	9699	4.134	ug/l	93
31) Cyclohexane	7.783	56	2886	1.145	ug/l #	55
36) 1,1-Dichloropropene	7.789	75	9857	4.795	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12011	5.534	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	1209	1.014	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	48639	53.415	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48639	104.969	ug/l #	7

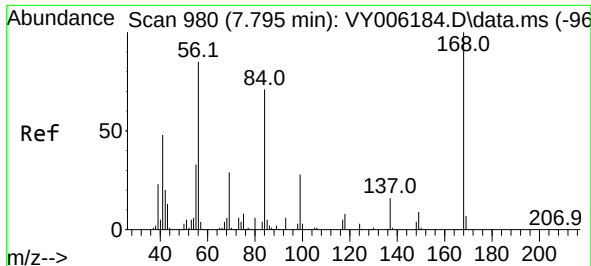
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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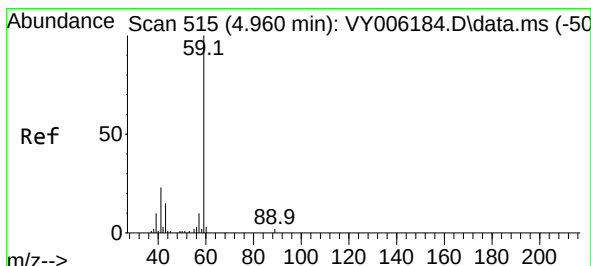
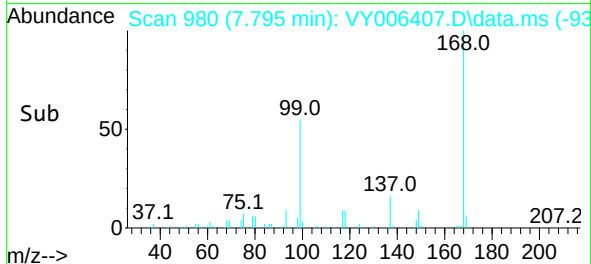
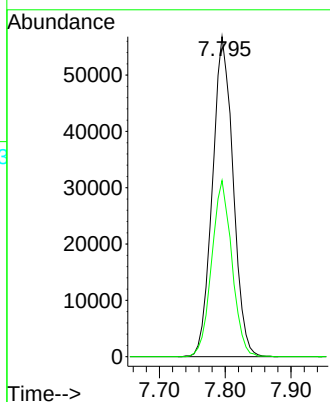
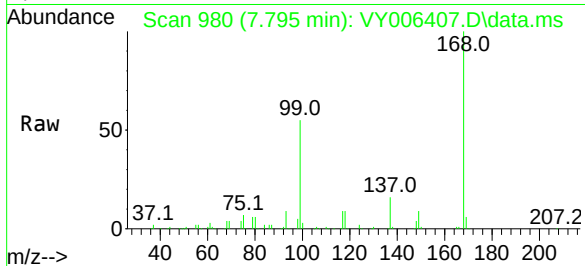




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

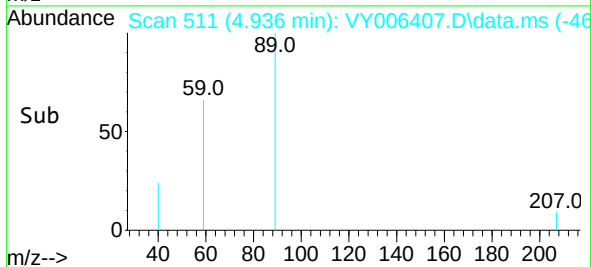
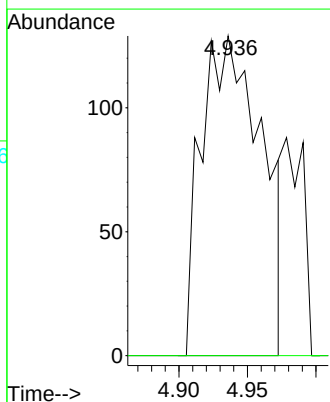
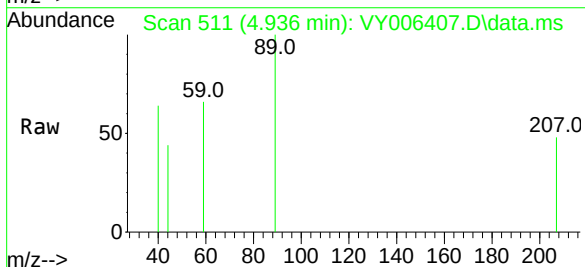
Instrument :
MSVOA_Y
ClientSampleId :

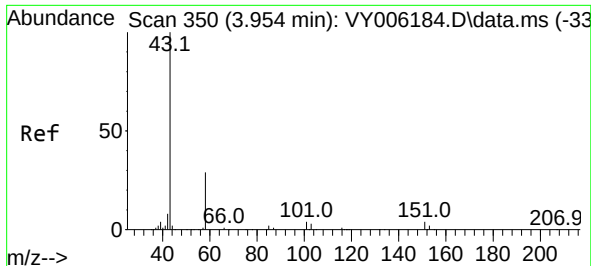
Tgt Ion:168 Resp: 124357
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.410 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

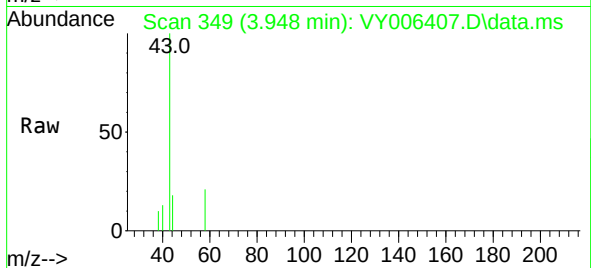
Tgt Ion: 59 Resp: 397
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



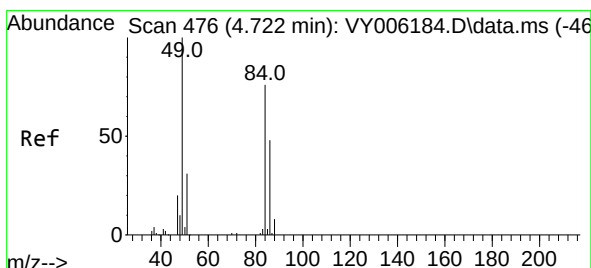
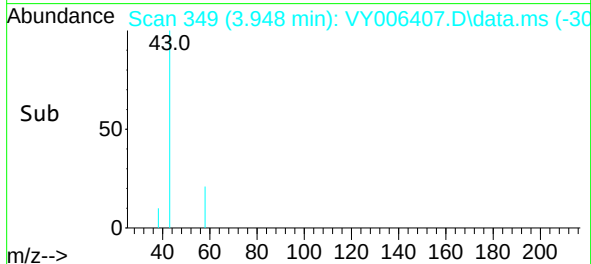
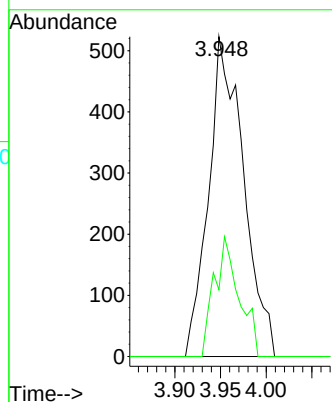


#16
Acetone
Concen: 3.728 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

Instrument :
MSVOA_Y
ClientSampled :

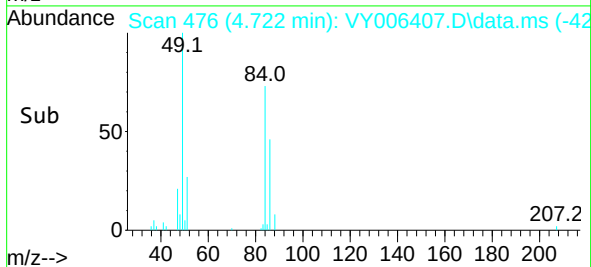
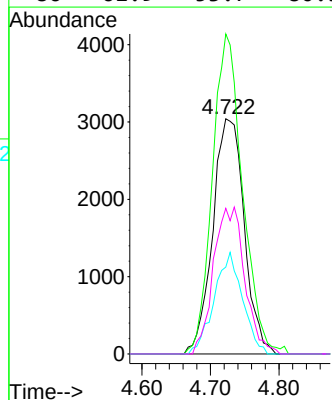
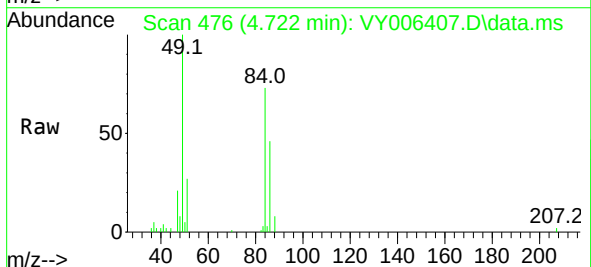


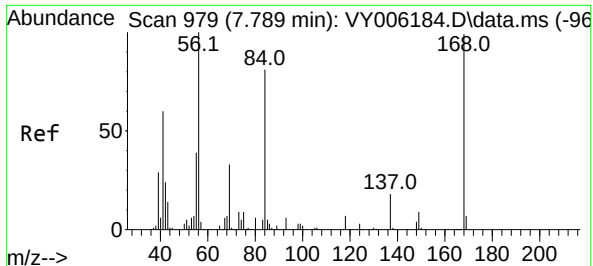
Tgt Ion: 43 Resp: 1386
Ion Ratio Lower Upper
43 100
58 20.8 22.0 33.0#



#20
Methylene Chloride
Concen: 4.134 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

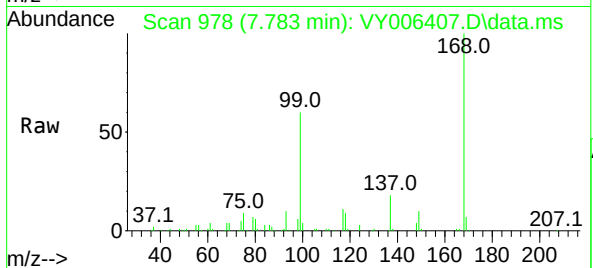
Tgt Ion: 84 Resp: 9699
Ion Ratio Lower Upper
84 100
49 136.1 114.4 171.6
51 36.9 35.3 52.9
86 61.9 53.7 80.5



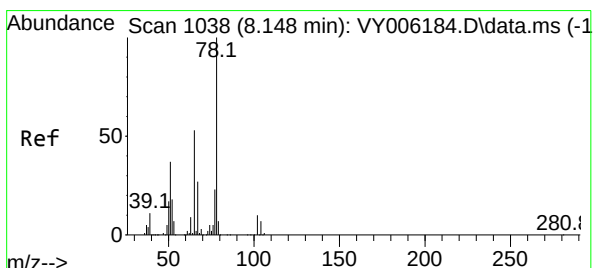
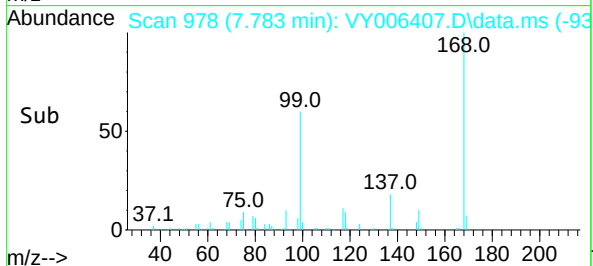
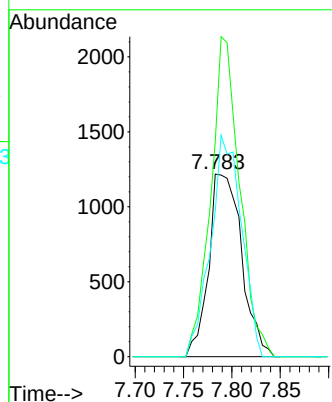


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

Instrument :
MSVOA_Y
ClientSampleId :

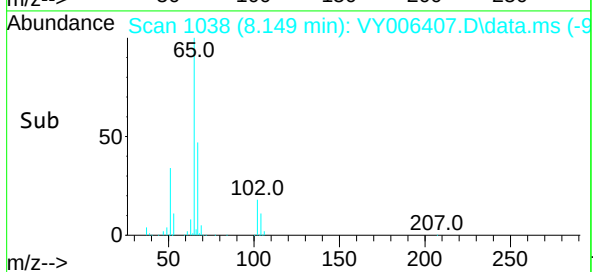
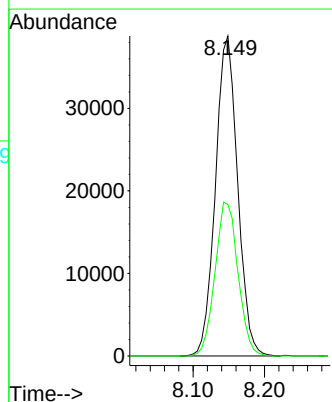
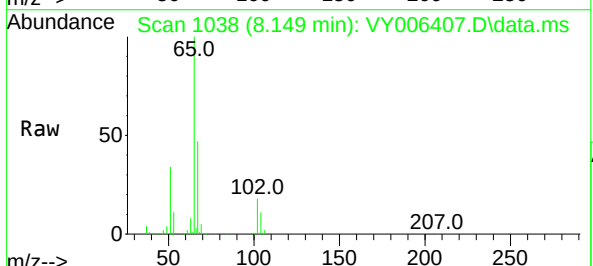


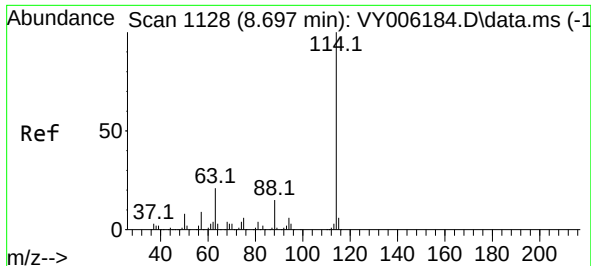
Tgt Ion: 56 Resp: 2886
Ion Ratio Lower Upper
56 100
69 117.7 26.7 40.1#
84 79.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 62.742 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

Tgt Ion: 65 Resp: 83509
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4

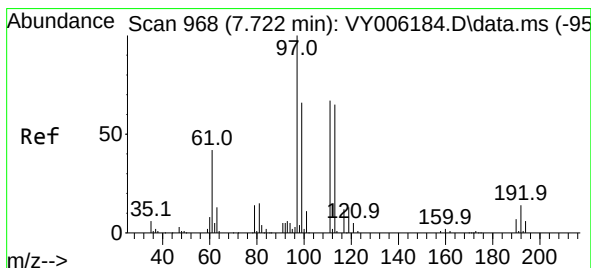
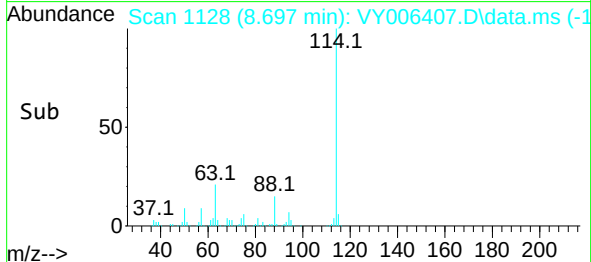
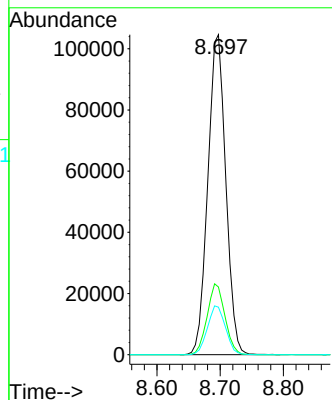
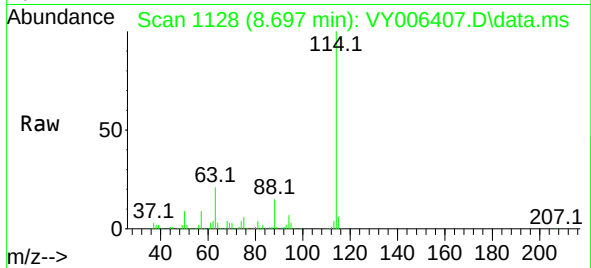




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

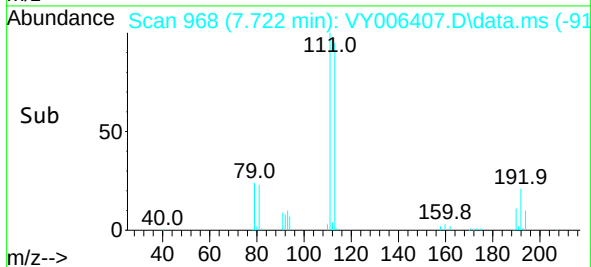
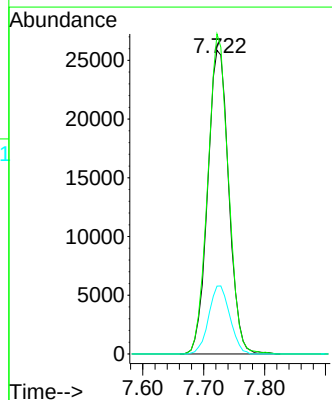
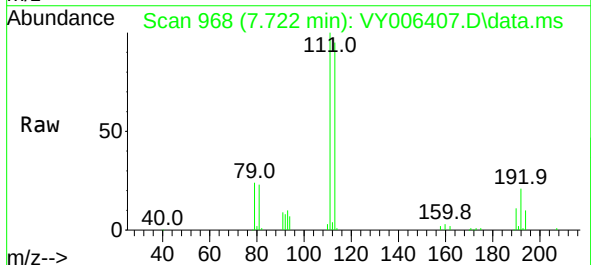
Instrument :
MSVOA_Y
ClientSampleId :

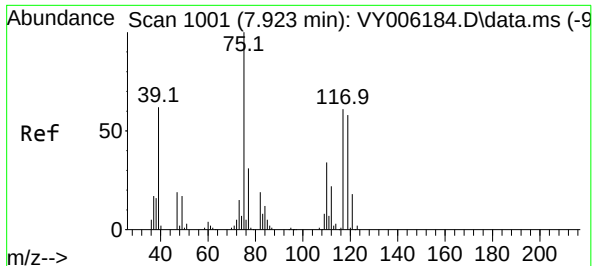
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.463 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	22.4	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.795 ug/l

RT: 7.789 min Scan# 979

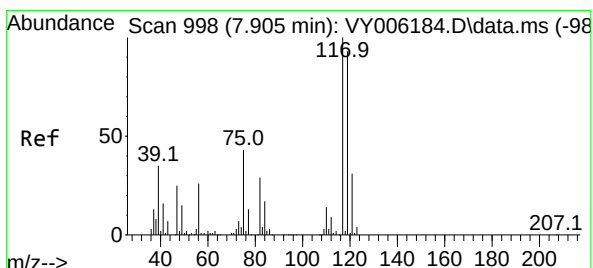
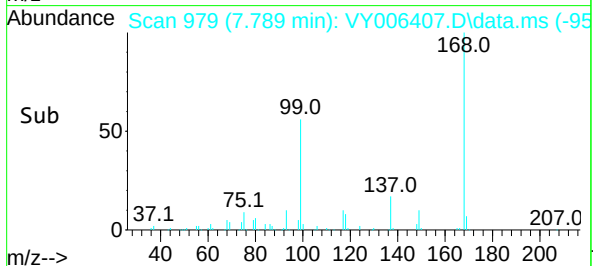
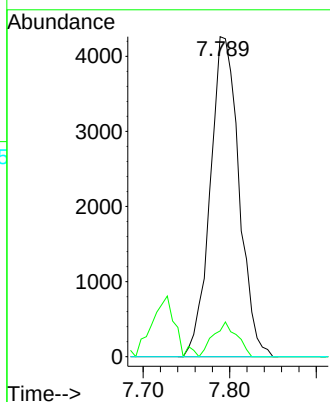
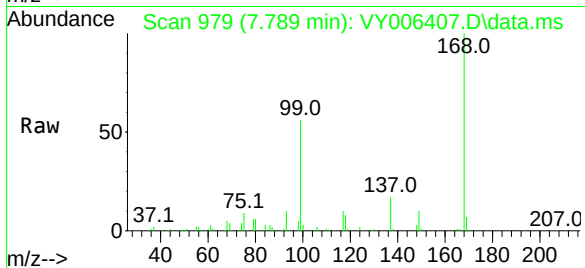
Delta R.T. -0.134 min

Lab File: VY006407.D

Acq: 15 Oct 2021 15:28

Tgt Ion: 75	Resp: 9857
Ion Ratio	Lower Upper
75 100	
110 8.9	17.1 51.2#
77 0.0	24.4 36.6#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.534 ug/l

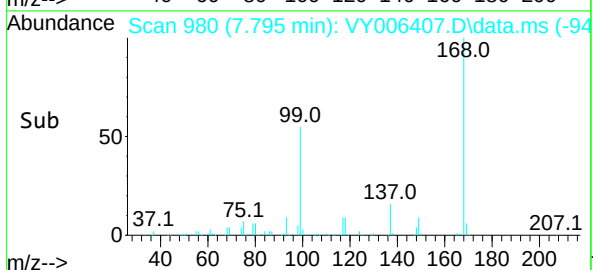
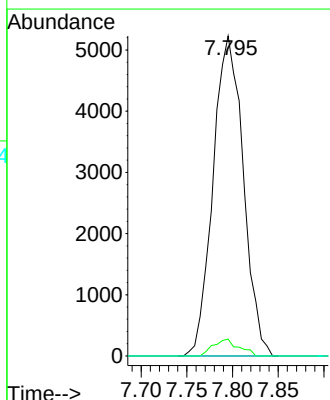
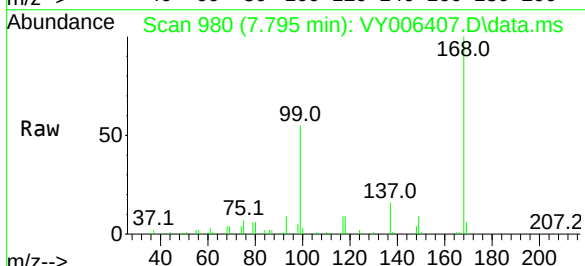
RT: 7.795 min Scan# 980

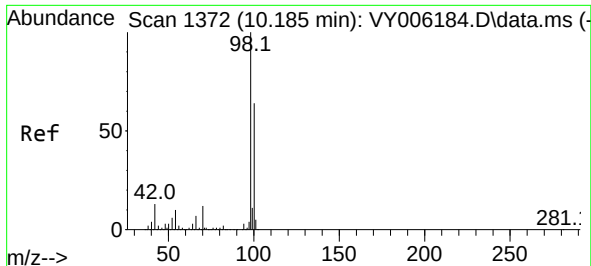
Delta R.T. -0.110 min

Lab File: VY006407.D

Acq: 15 Oct 2021 15:28

Tgt Ion: 117	Resp: 12011
Ion Ratio	Lower Upper
117 100	
119 5.3	77.9 116.9#
121 0.0	24.8 37.2#

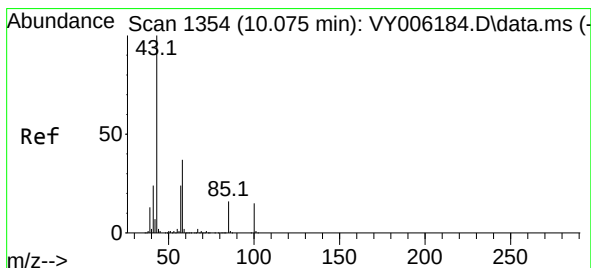
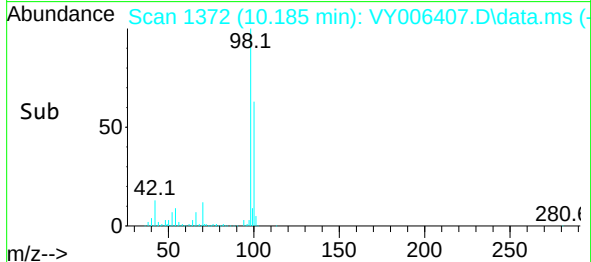
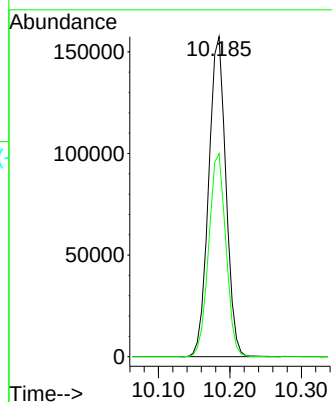
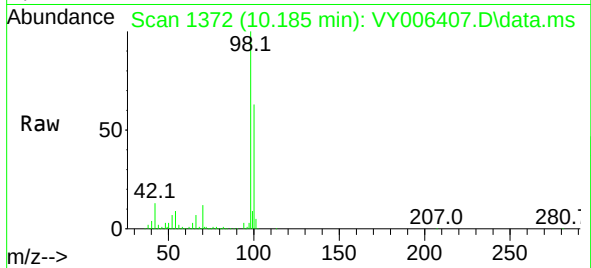




#50
Toluene-d8
Concen: 57.175 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

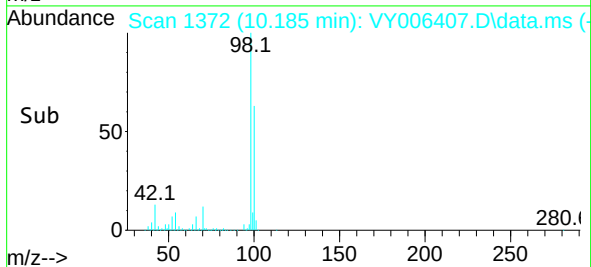
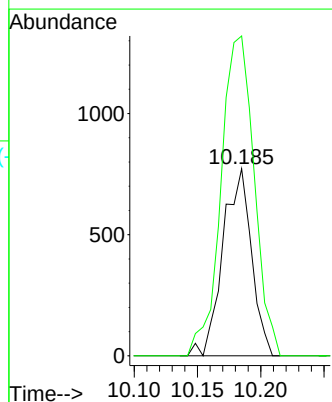
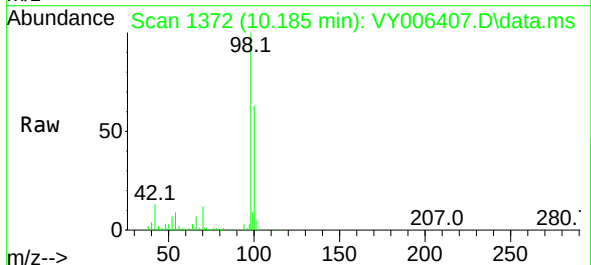
Instrument :
MSVOA_Y
ClientSampled :

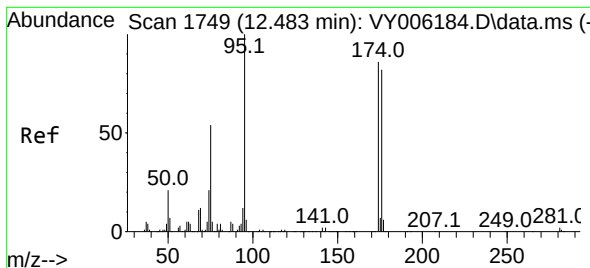
Tgt Ion: 98 Resp: 264121
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.014 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
58 199.0 28.1 42.1#

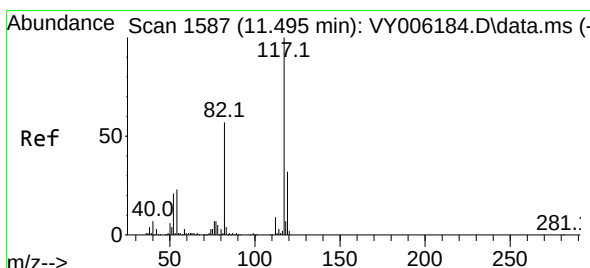
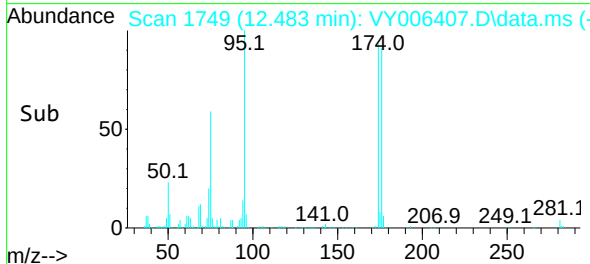
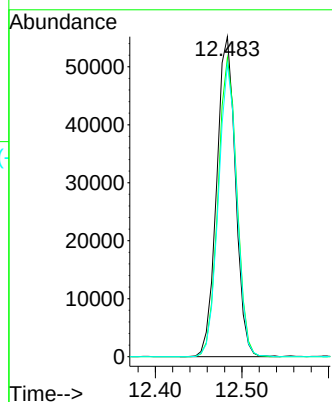
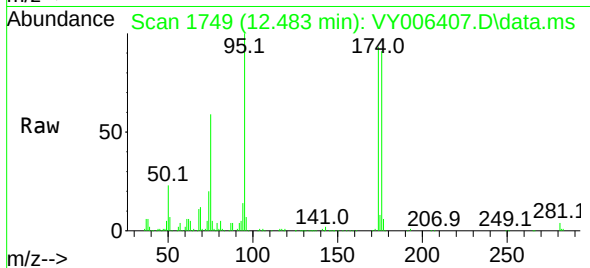




#62
4-Bromofluorobenzene
Concen: 53.117 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

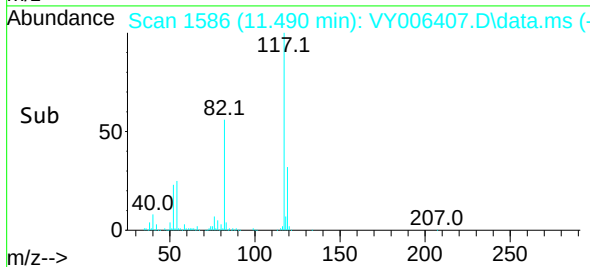
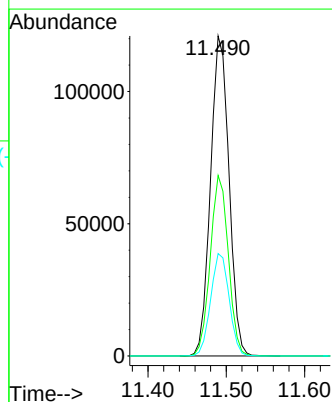
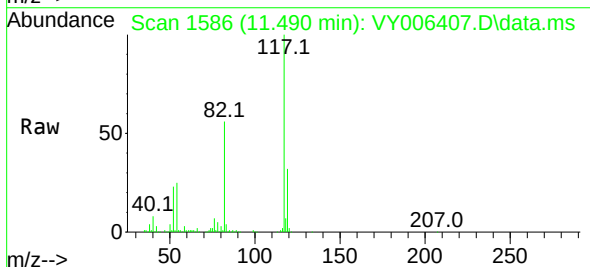
Instrument :
MSVOA_Y
ClientSampleId :

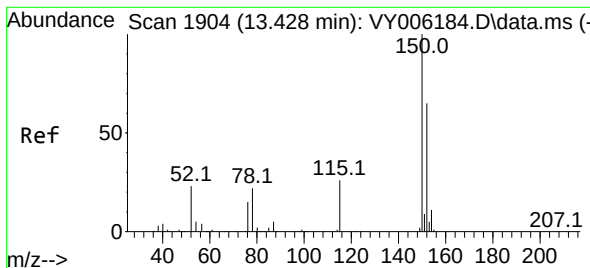
Tgt Ion: 95 Resp: 83358
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.0
176 89.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006407.D
Acq: 15 Oct 2021 15:28

Tgt Ion: 117 Resp: 197985
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 32.0 25.4 38.0

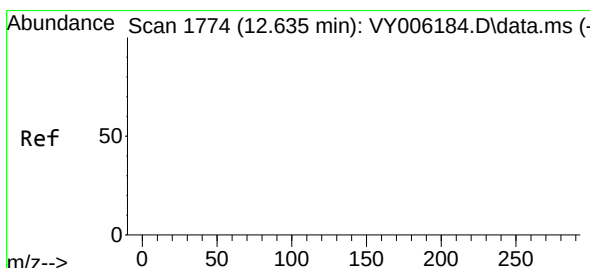
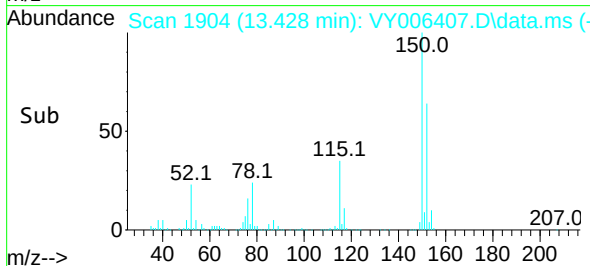
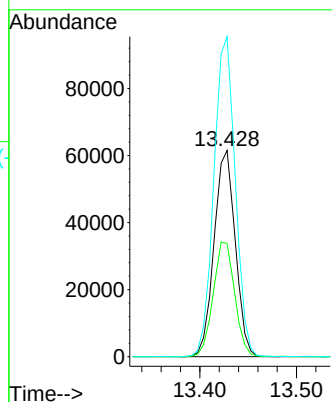
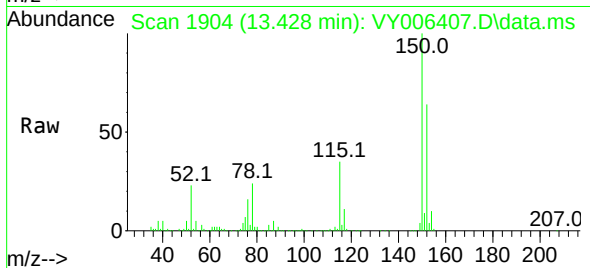




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006407.D
 Acq: 15 Oct 2021 15:28

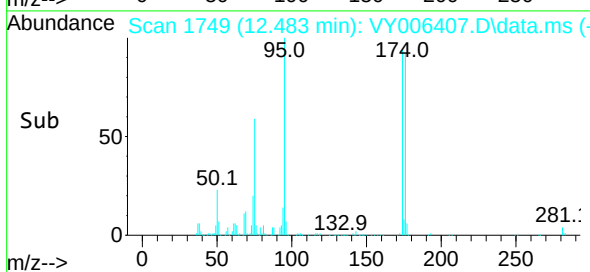
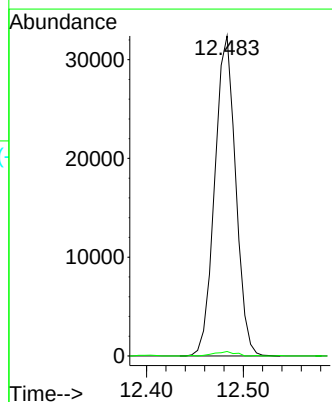
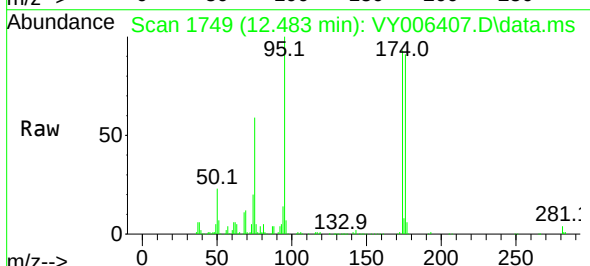
Instrument :
 MSVOA_Y
 ClientSampleId :

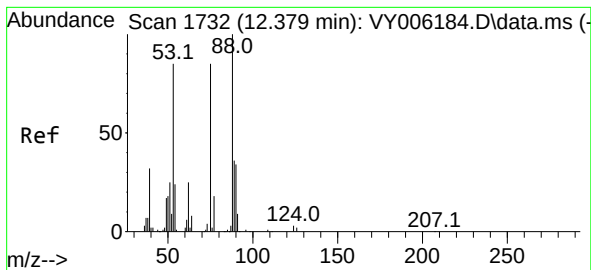
Tgt Ion:152 Resp: 93686
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 156.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 53.415 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006407.D
 Acq: 15 Oct 2021 15:28

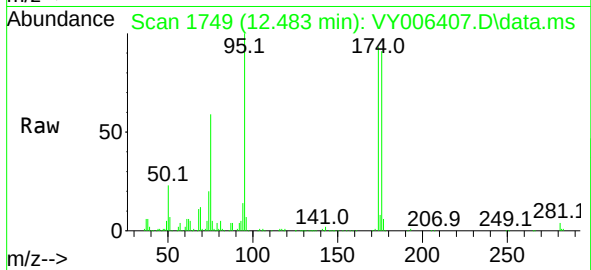
Tgt Ion: 75 Resp: 48639
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.969 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006407.D
 Acq: 15 Oct 2021 15:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	48639
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

