

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004974.D
 Acq On : 04 Jun 2021 19:00
 Operator : SY/MD
 Sample : M2613-13
 Misc : 10.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(134-138)

Quant Time: Jun 05 01:36:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

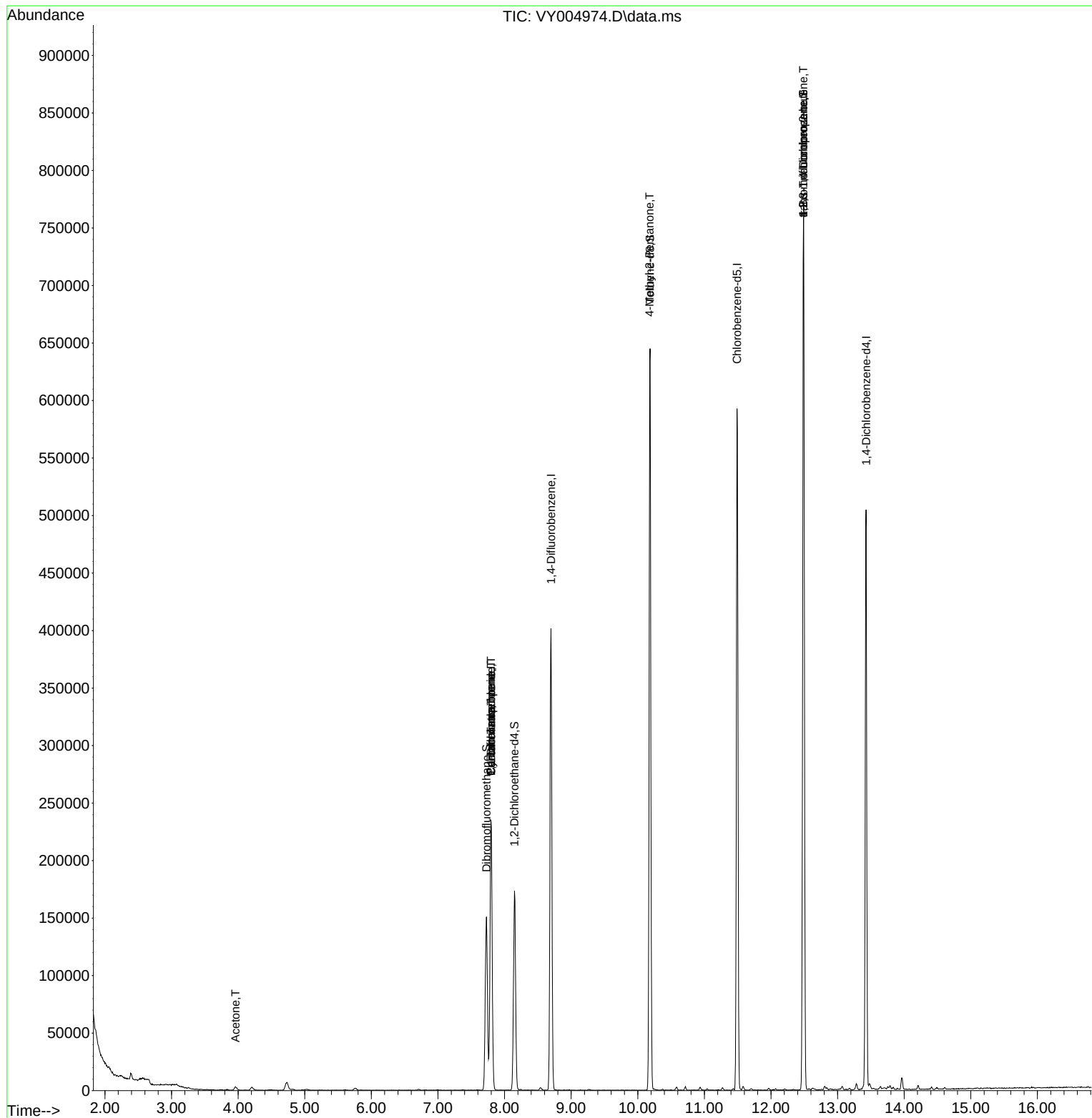
Internal Standards						
1) Pentafluorobenzene	7.795	168	175709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	331490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	315718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131137	70.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.200%
35) Dibromofluoromethane	7.728	113	106745	59.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.700%
50) Toluene-d8	10.185	98	415546	56.102	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.200%
62) 4-Bromofluorobenzene	12.483	95	134246	52.700	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.400%
Target Compounds						
13) Acrolein	3.735	56	324	Below Cal	#	59
16) Acetone	3.960	43	4998	11.177	ug/l	98
20) Methylene Chloride	4.729	84	4912	Below Cal		97
31) Cyclohexane	7.795	56	4199	1.284	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15127	4.663	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18524	6.561	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	2030	1.011	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	75358	55.595	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75358	102.171	ug/l #	16

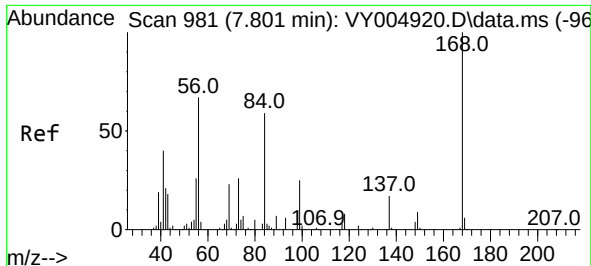
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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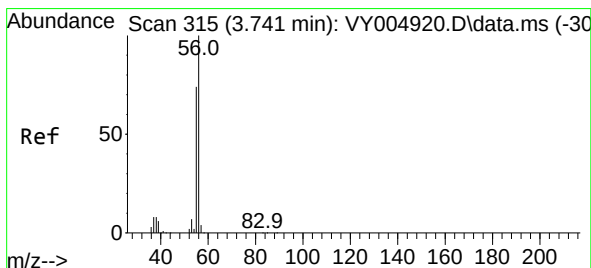
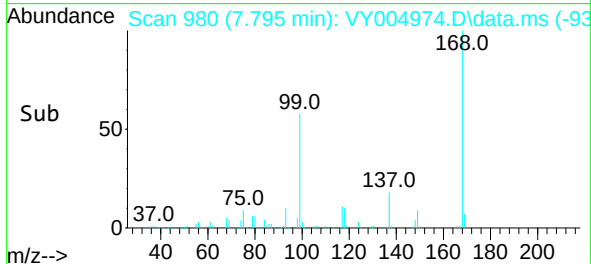
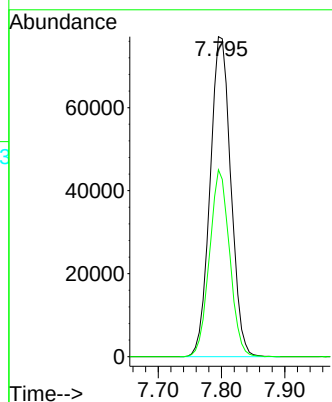
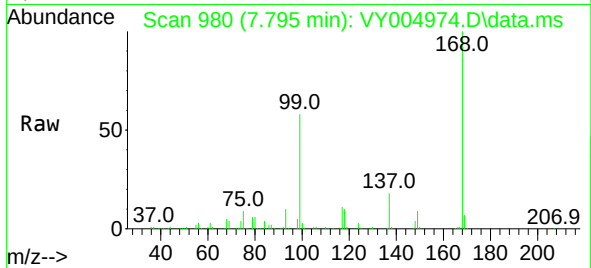




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

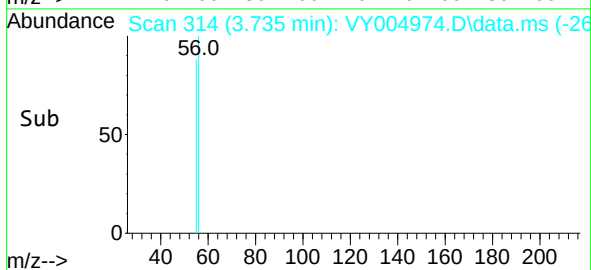
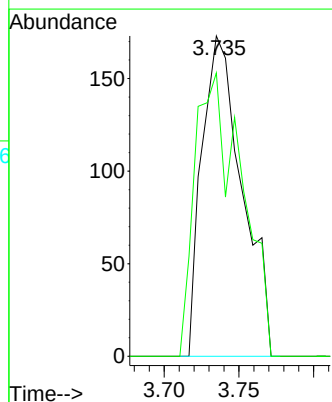
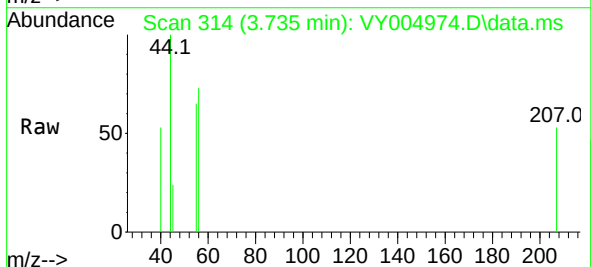
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(134-138)

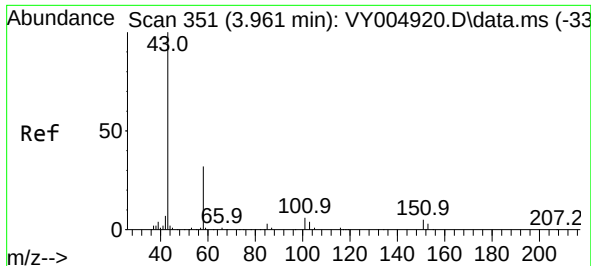
Tgt Ion:168 Resp: 175709
Ion Ratio Lower Upper
168 100
99 58.4 43.9 65.9



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

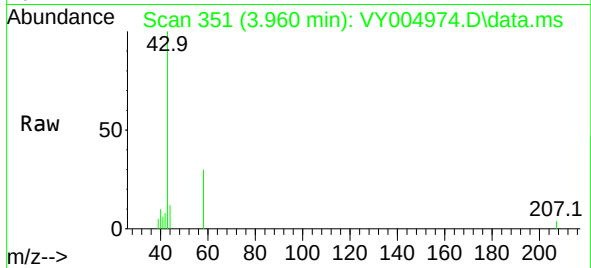
Tgt Ion: 56 Resp: 324
Ion Ratio Lower Upper
56 100
55 102.5 55.4 83.2#



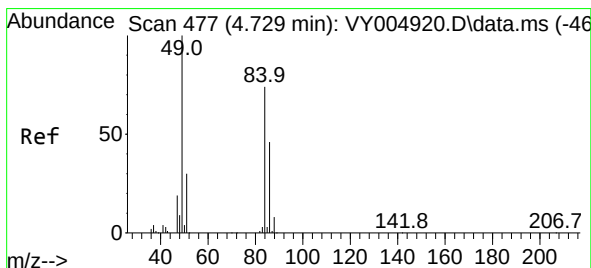
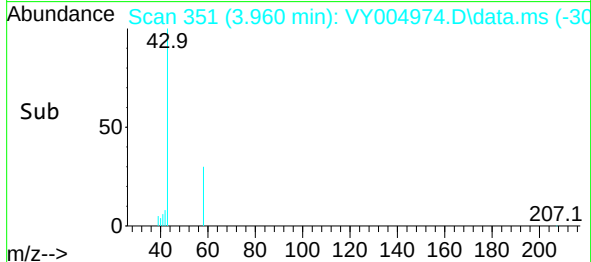
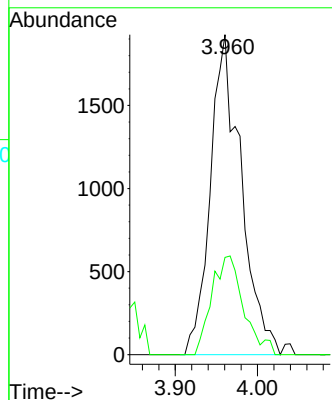


#16
Acetone
Concen: 11.177 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(134-138)

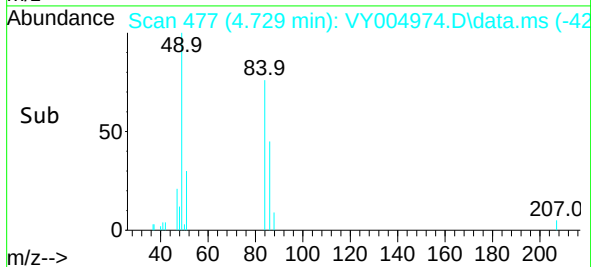
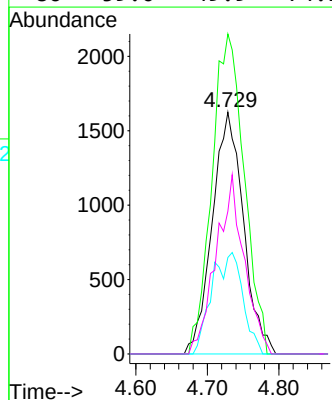
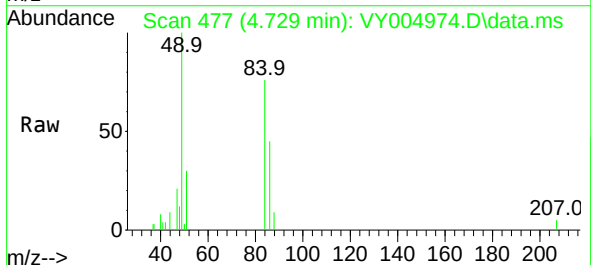


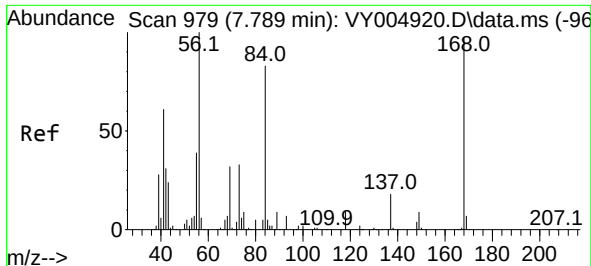
Tgt Ion: 43 Resp: 4998
Ion Ratio Lower Upper
43 100
58 30.4 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

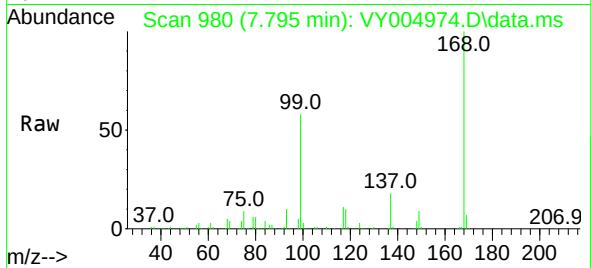
Tgt Ion: 84 Resp: 4912
Ion Ratio Lower Upper
84 100
49 132.4 108.0 162.0
51 39.9 32.6 48.8
86 59.0 49.9 74.9



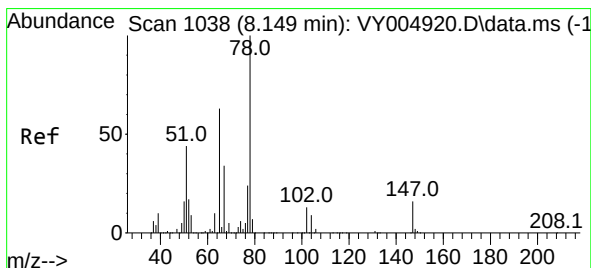
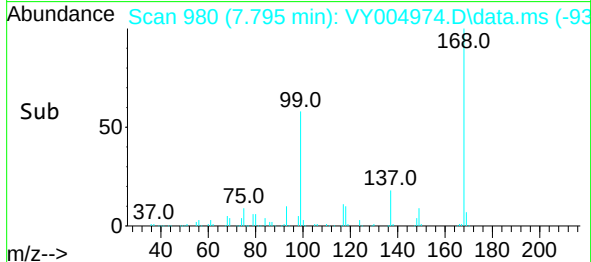
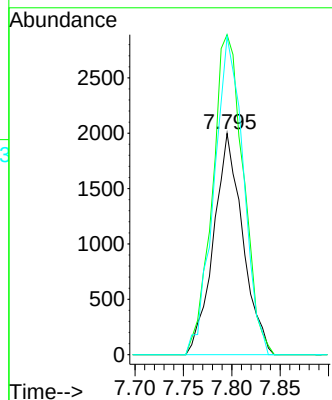


#31
Cyclohexane
Concen: 1.284 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(134-138)

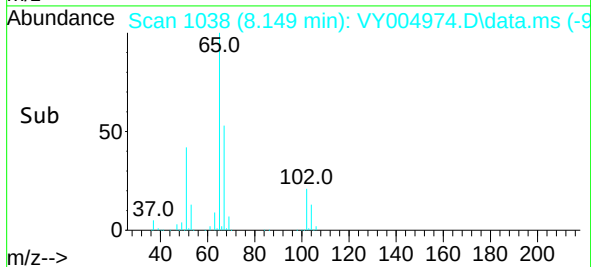
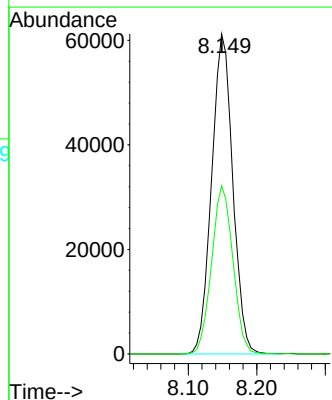
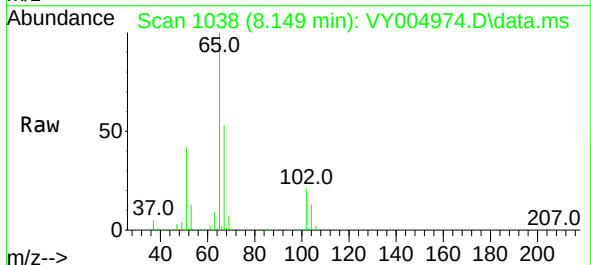


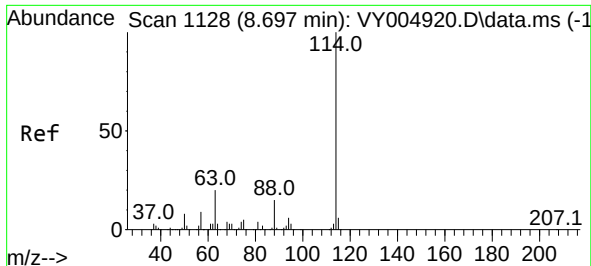
Tgt Ion: 56 Resp: 4199
Ion Ratio Lower Upper
56 100
69 144.6 25.3 37.9#
84 143.8 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 70.597 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

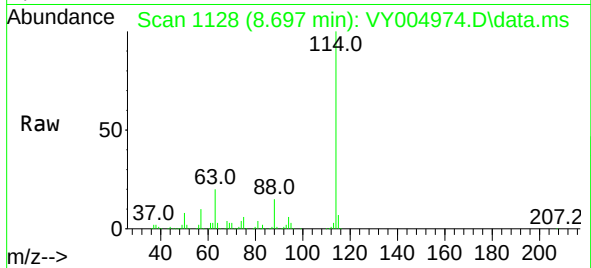
Tgt Ion: 65 Resp: 131137
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.6



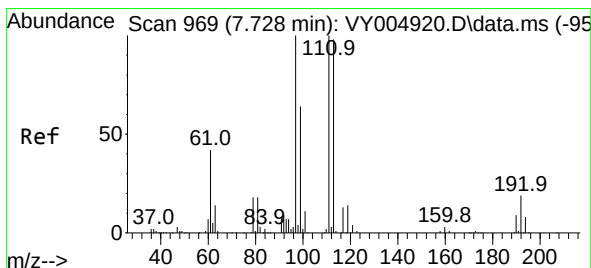
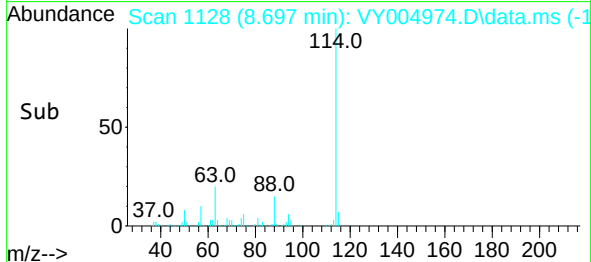
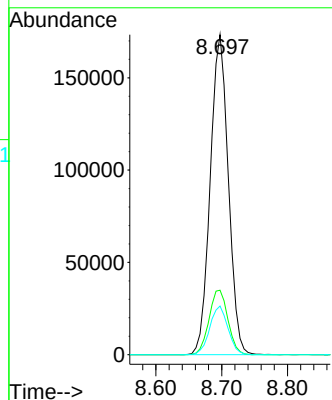


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(134-138)

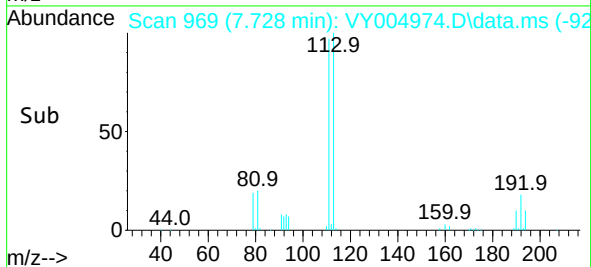
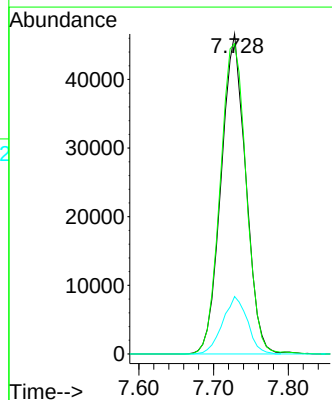
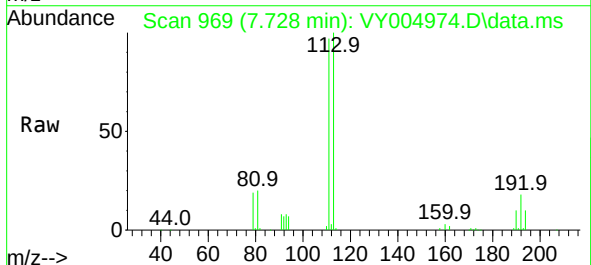


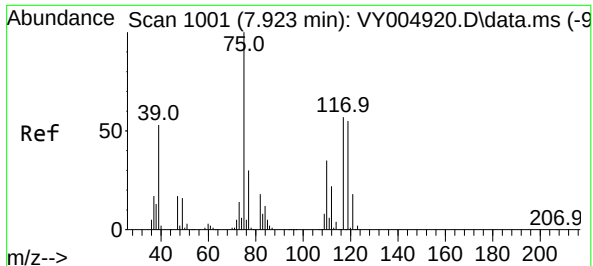
Tgt Ion:114 Resp: 331490
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.0
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 59.853 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

Tgt Ion:113 Resp: 106745
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 18.1 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.663 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY004974.D

Acq: 04 Jun 2021 19:00

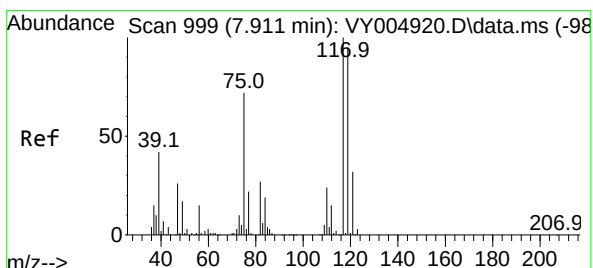
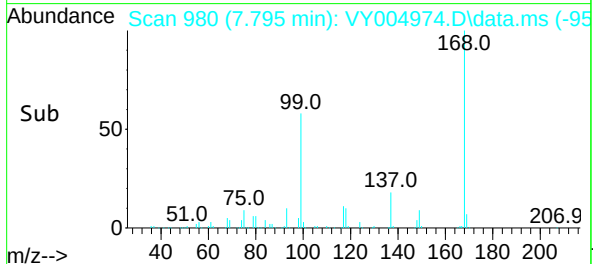
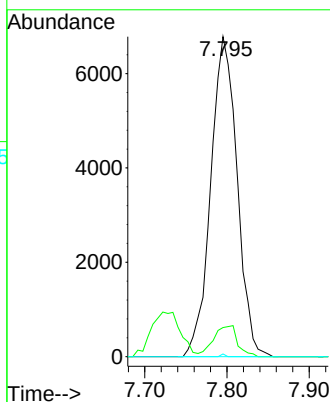
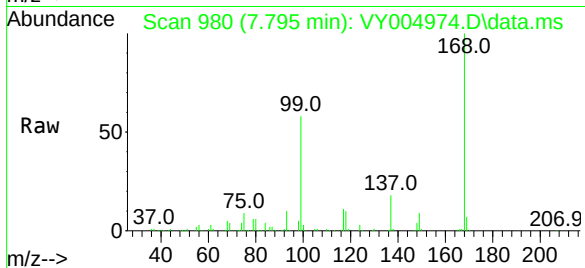
Instrument :

MSVOA_Y

ClientSampleId :

18-B12(134-138)

Tgt Ion:	75	Resp:	15127
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.5	52.5#
77	0.1	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.561 ug/l

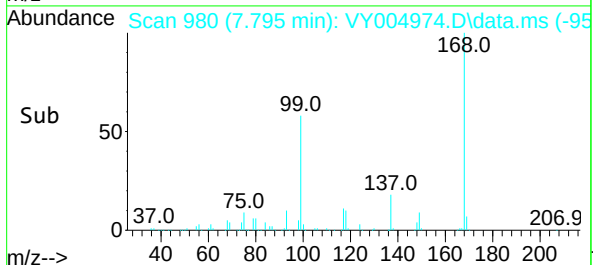
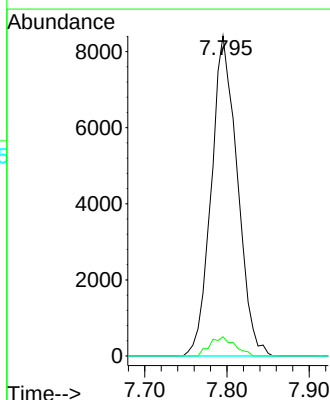
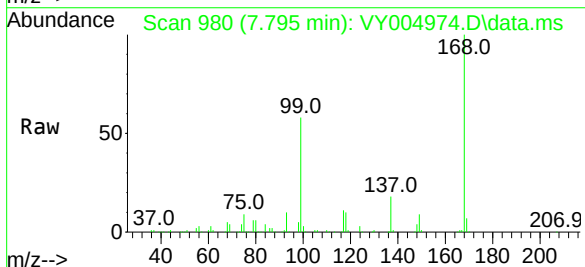
RT: 7.795 min Scan# 980

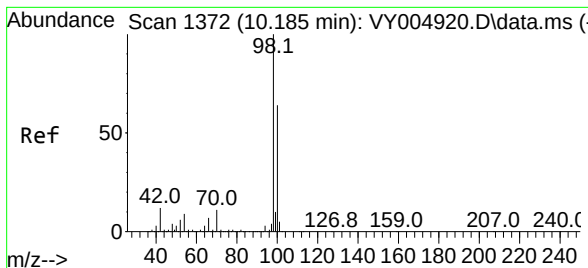
Delta R.T. -0.116 min

Lab File: VY004974.D

Acq: 04 Jun 2021 19:00

Tgt Ion:	117	Resp:	18524
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.1	114.1#
121	0.0	25.5	38.3#

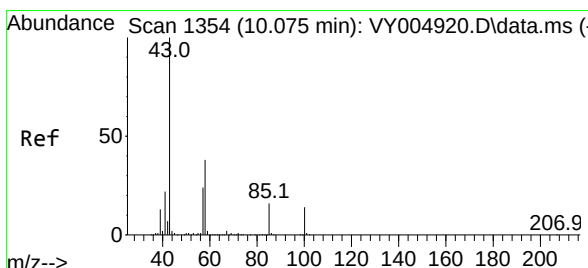
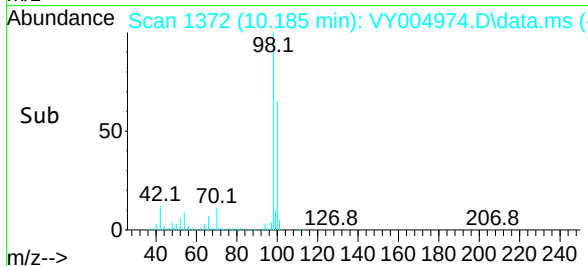
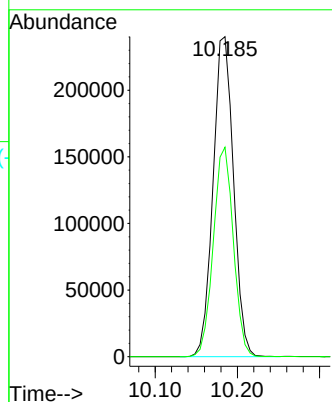
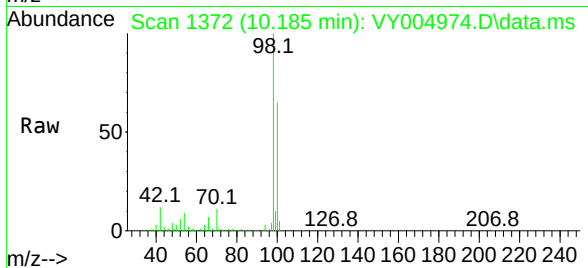




#50
Toluene-d8
Concen: 56.102 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

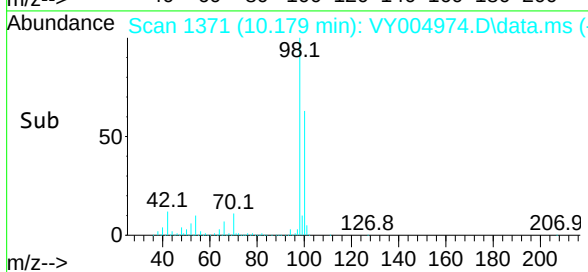
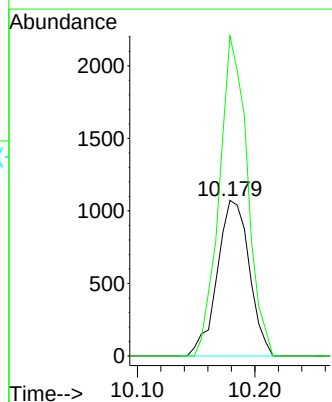
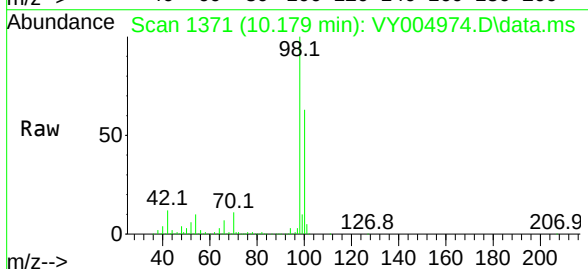
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(134-138)

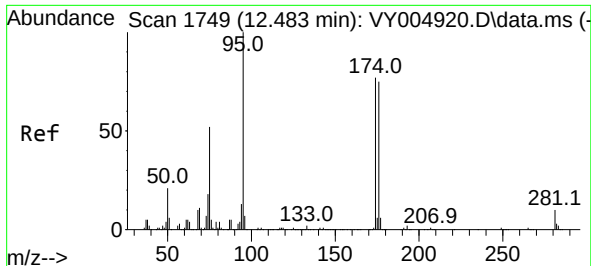
Tgt Ion: 98 Resp: 415546
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.011 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
58 180.3 30.6 46.0#

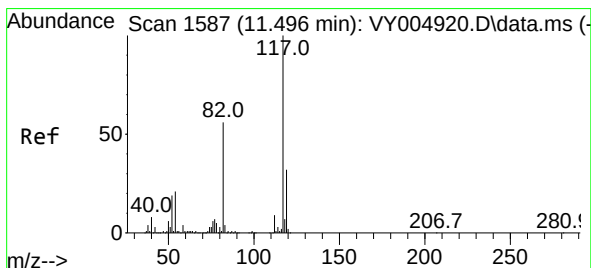
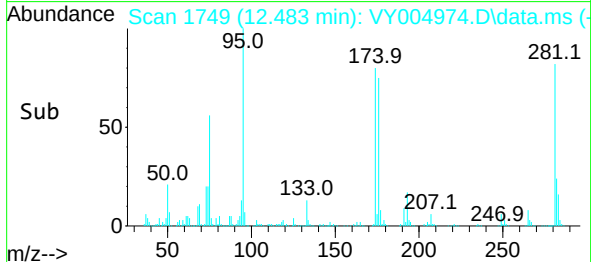
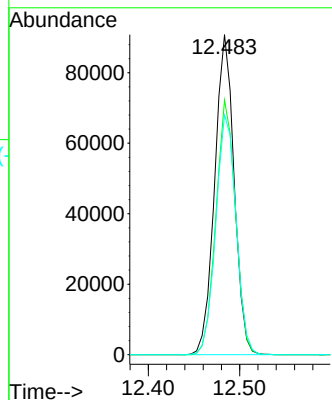
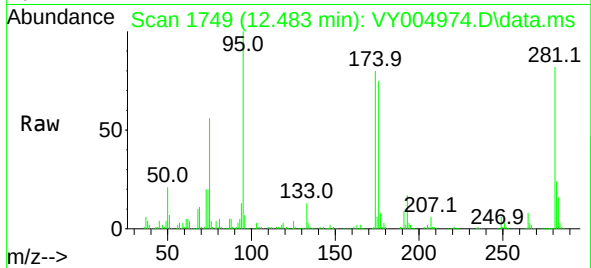




#62
4-Bromofluorobenzene
Concen: 52.700 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

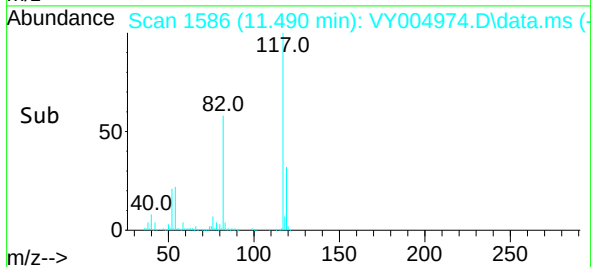
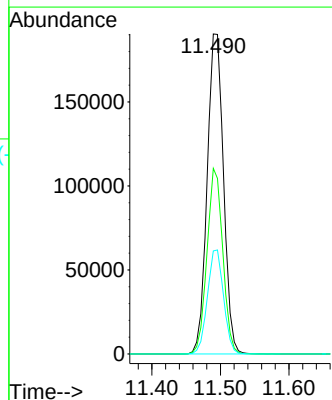
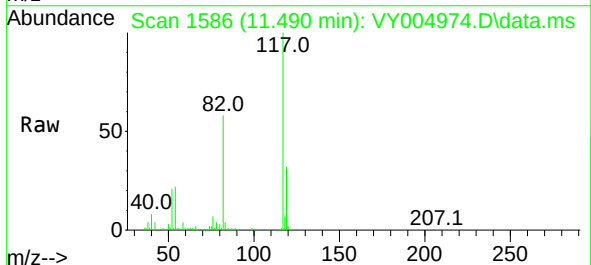
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(134-138)

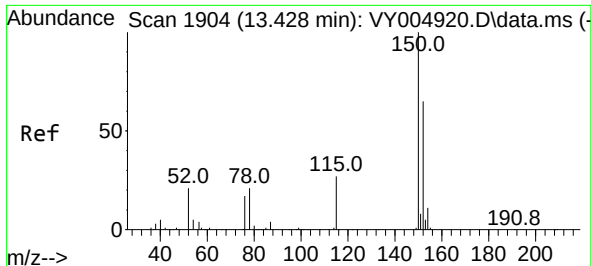
Tgt Ion: 95 Resp: 134246
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.8
176 78.3 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004974.D
Acq: 04 Jun 2021 19:00

Tgt Ion: 117 Resp: 315718
Ion Ratio Lower Upper
117 100
82 58.0 44.8 67.2
119 32.2 25.2 37.8

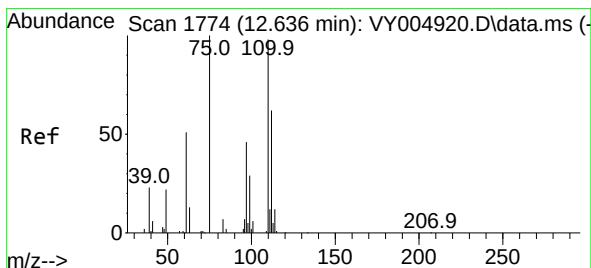
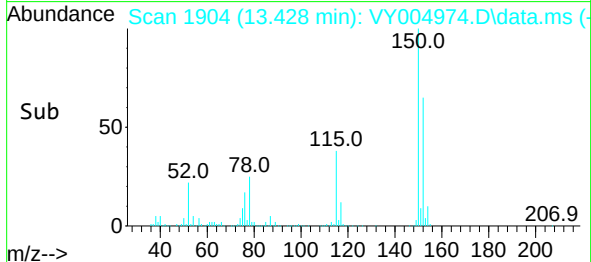
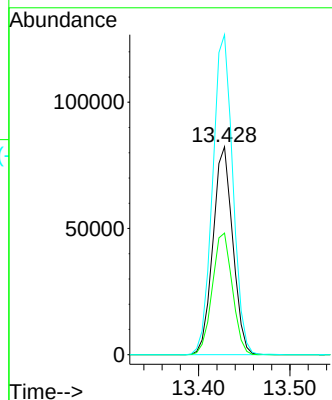
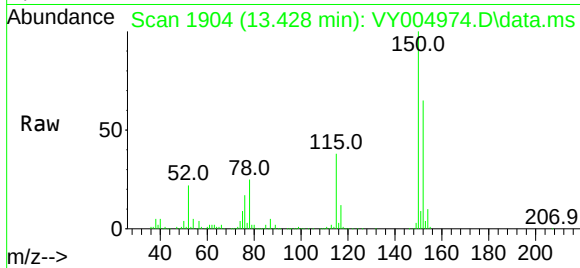




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004974.D
 Acq: 04 Jun 2021 19:00

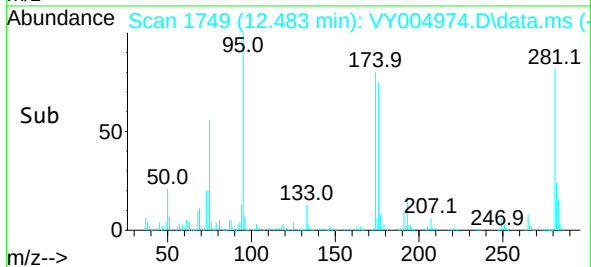
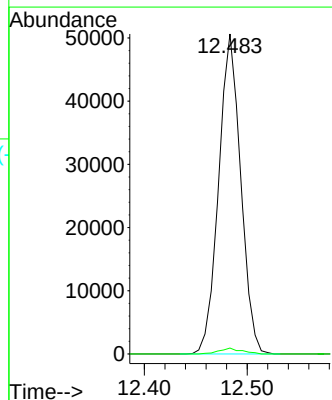
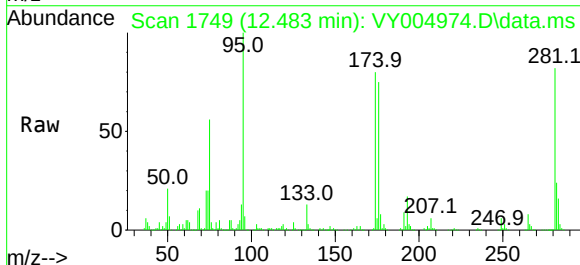
Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(134-138)

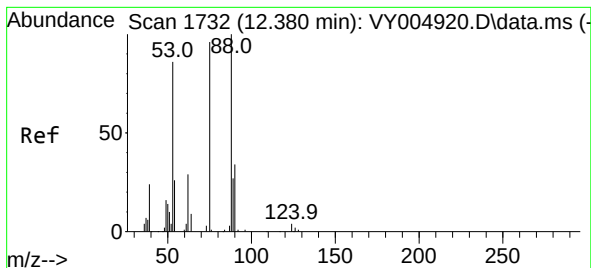
Tgt Ion:152 Resp: 123654
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.9 89.7
 150 156.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 55.595 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004974.D
 Acq: 04 Jun 2021 19:00

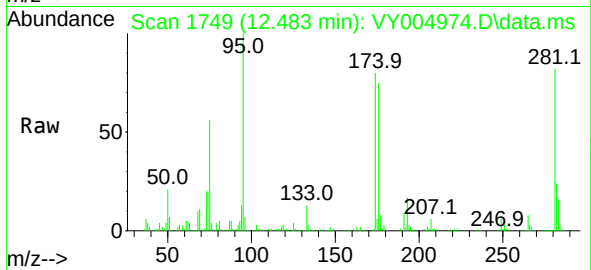
Tgt Ion: 75 Resp: 75358
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.171 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004974.D
 Acq: 04 Jun 2021 19:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(134-138)



Tgt Ion: 75 Resp: 75358
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.3 103.9#
 89 2.0 35.0 52.6#

