

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004972.D
 Acq On : 04 Jun 2021 18:13
 Operator : SY/MD
 Sample : M2613-11
 Misc : 8.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(126-130)

Quant Time: Jun 05 01:35:42 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)

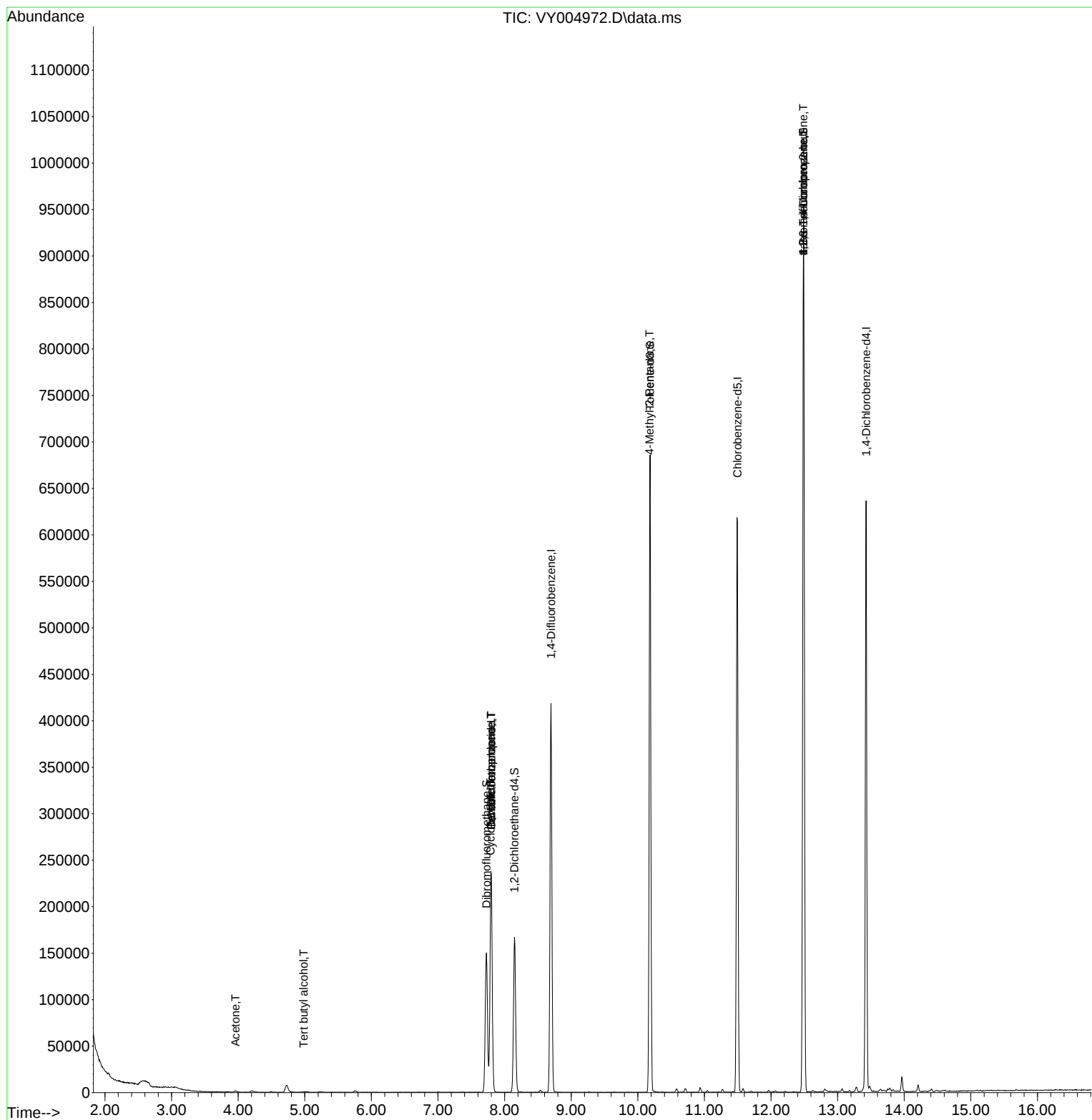
Internal Standards						
1) Pentafluorobenzene	7.801	168	181903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	343845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	335206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	125849	65.443	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 130.880%		
35) Dibromofluoromethane	7.728	113	107737	58.239	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 116.480%		
50) Toluene-d8	10.185	98	429004	55.838	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 111.680%		
62) 4-Bromofluorobenzene	12.483	95	149824	56.702	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 113.400%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.984	59	674	3.048	ug/l #	74
16) Acetone	3.960	43	2523	5.450	ug/l	93
20) Methylene Chloride	4.734	84	5515	Below Cal		97
31) Cyclohexane	7.789	56	3924	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15227	4.525	ug/l #	49
38) Carbon Tetrachloride	7.801	117	18571	6.341	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	2122	1.019	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	85555	52.131	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85555	95.804	ug/l #	16

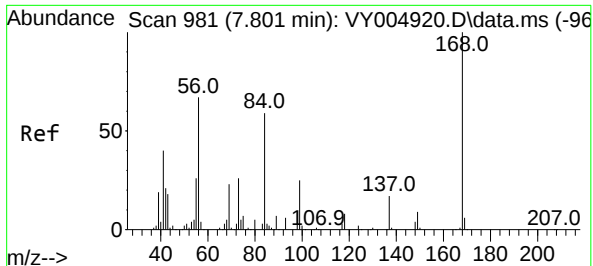
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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18-B12(126-130)

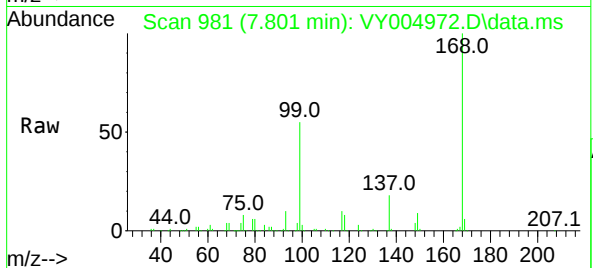
Quant Time: Jun 05 01:35:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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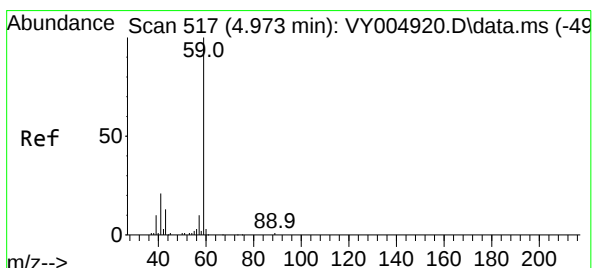
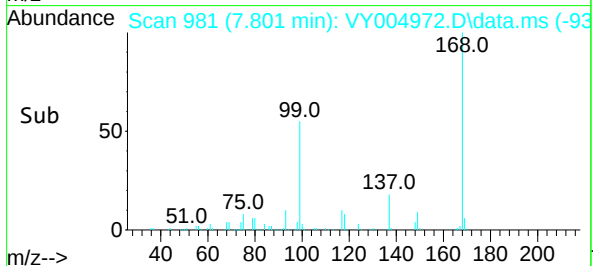
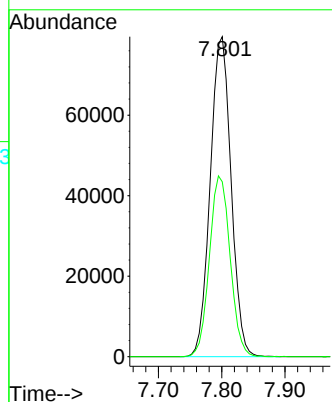


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(126-130)

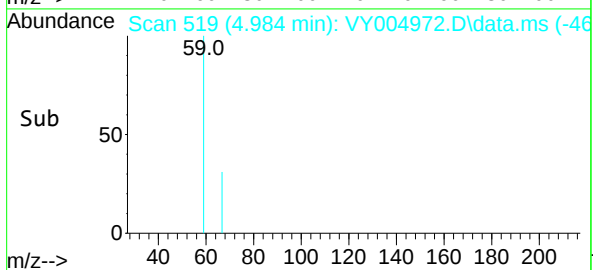
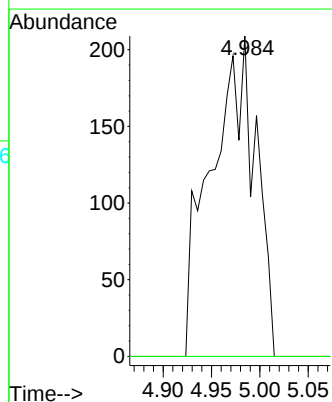
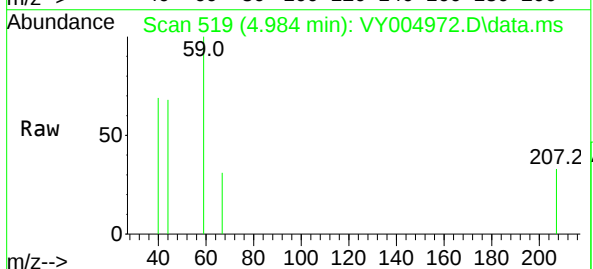


Tgt Ion:168 Resp: 181903
Ion Ratio Lower Upper
168 100
99 54.7 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.048 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.011 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13

Tgt Ion: 59 Resp: 674
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

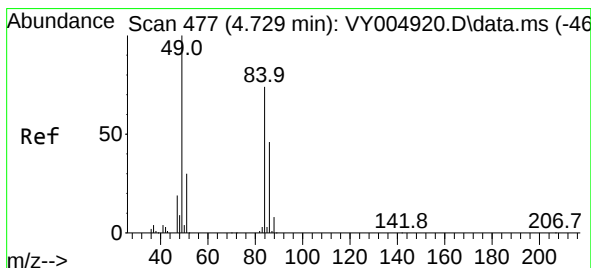
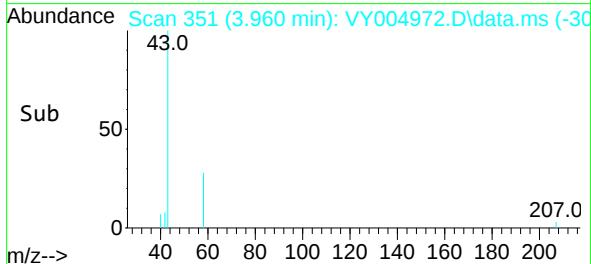
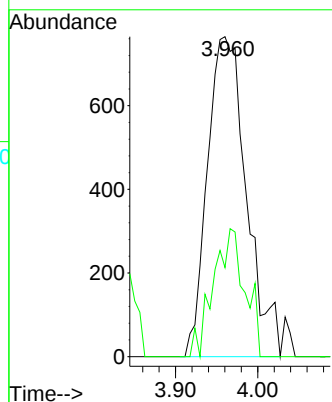
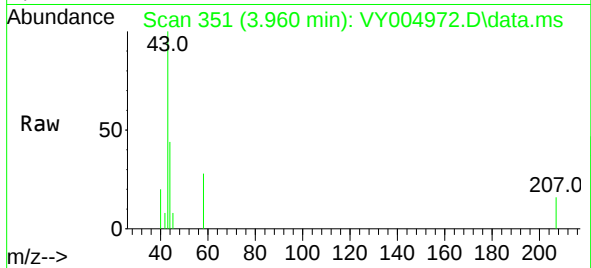




#16
Acetone
Concen: 5.450 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13

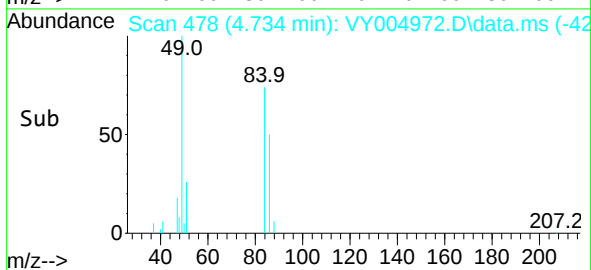
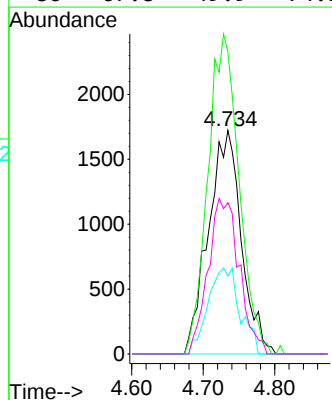
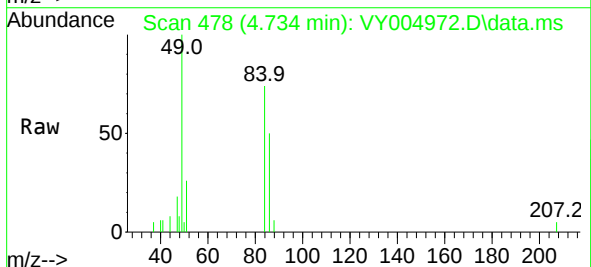
Instrument :
MSVOA_Y
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18-B12(126-130)

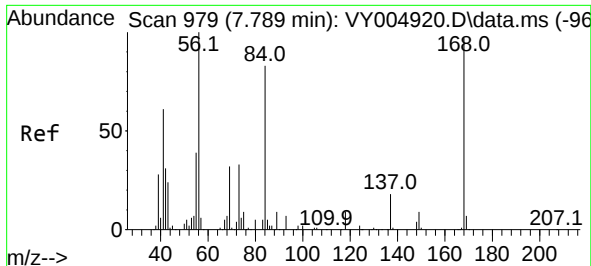
Tgt Ion: 43 Resp: 2523
Ion Ratio Lower Upper
43 100
58 27.8 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13

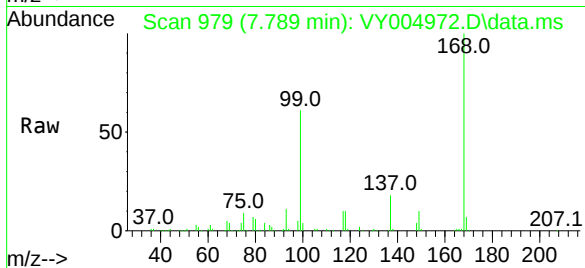
Tgt Ion: 84 Resp: 5515
Ion Ratio Lower Upper
84 100
49 135.1 108.0 162.0
51 34.9 32.6 48.8
86 67.8 49.9 74.9



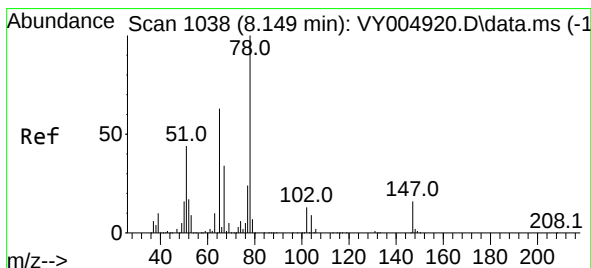
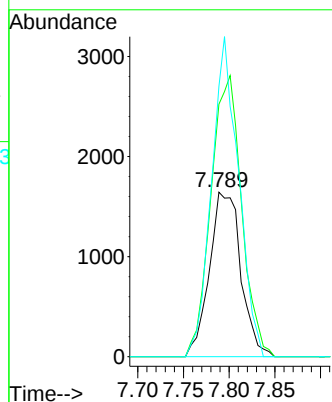
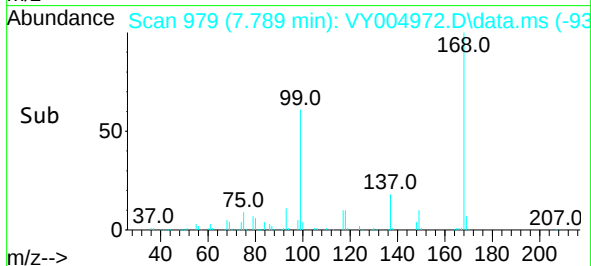


#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13

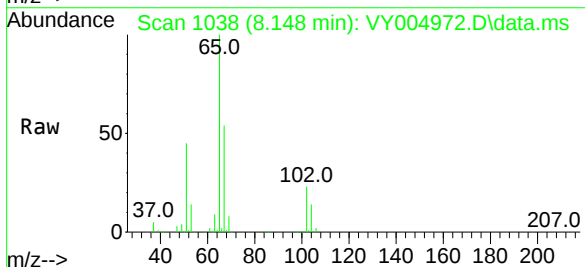
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(126-130)



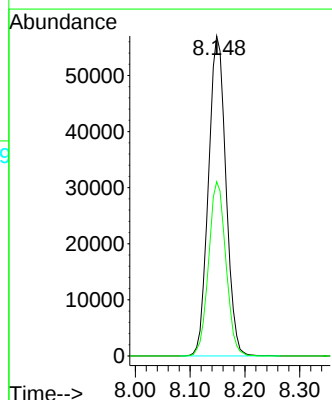
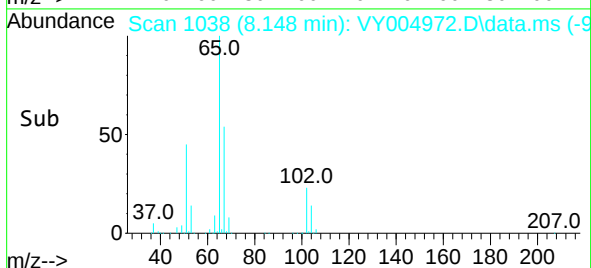
Tgt Ion: 56 Resp: 3924
Ion Ratio Lower Upper
56 100
69 153.5 25.3 37.9#
84 164.3 66.2 99.4#

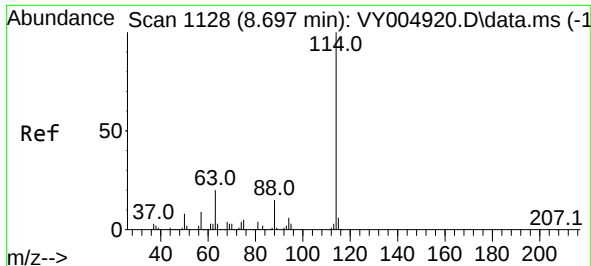


#33
1,2-Dichloroethane-d4
Concen: 65.443 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13



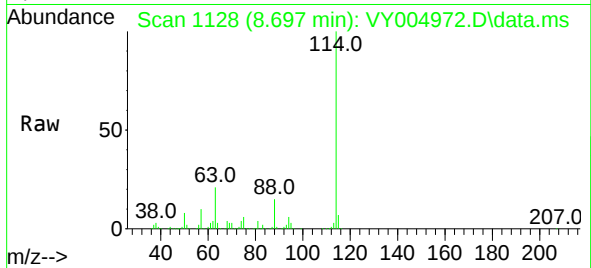
Tgt Ion: 65 Resp: 125849
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.6



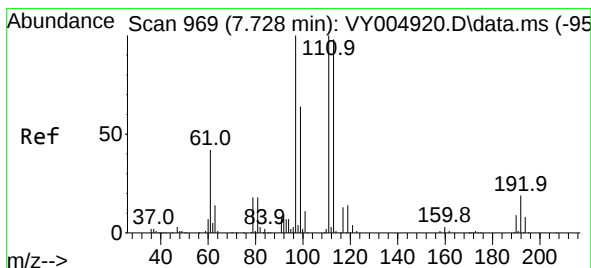
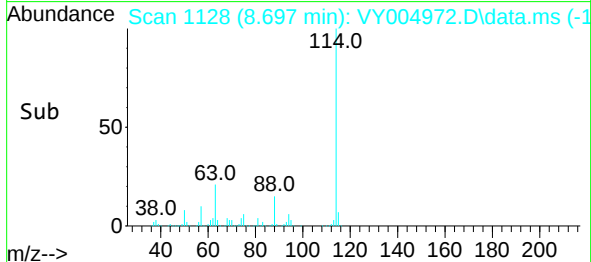
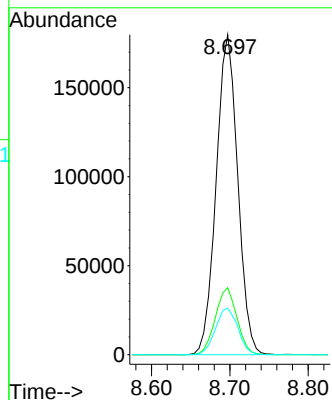


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(126-130)

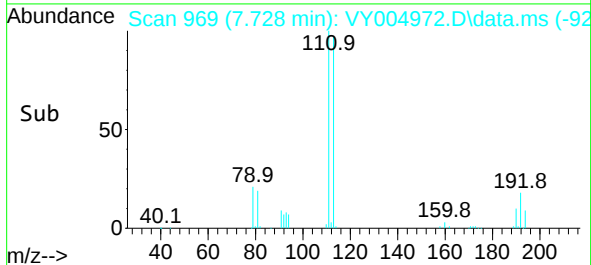
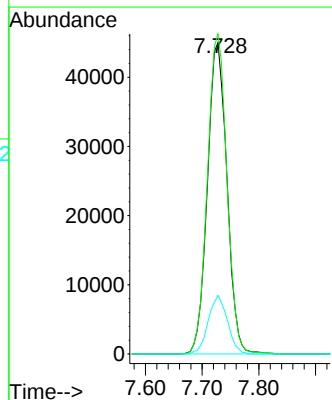
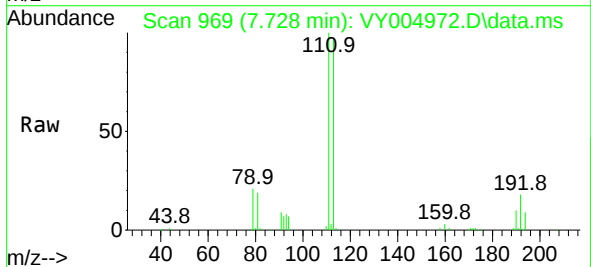


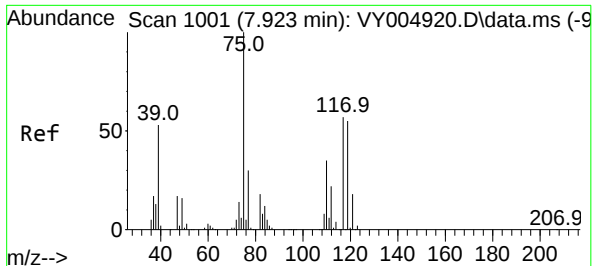
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.0
88	14.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 58.239 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	18.4	15.3	22.9





#36

1,1-Dichloropropene

Concen: 4.525 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY004972.D

Acq: 04 Jun 2021 18:13

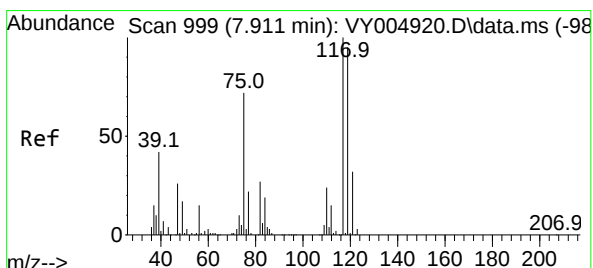
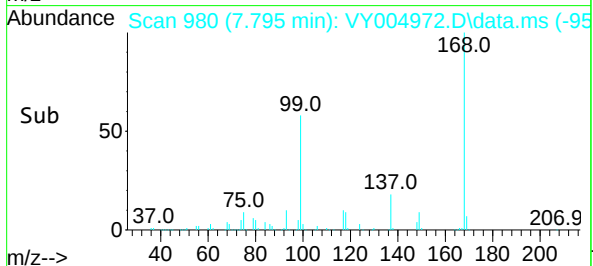
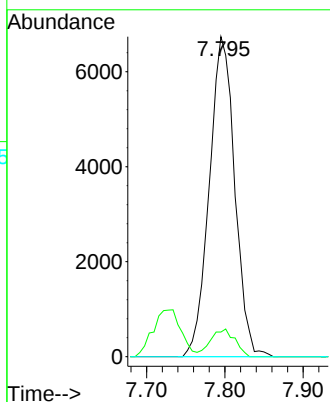
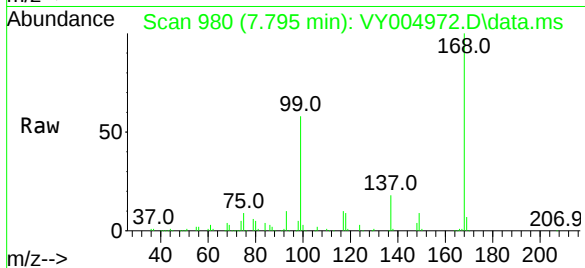
Instrument :

MSVOA_Y

ClientSampleId :

18-B12(126-130)

Tgt Ion:	75	Resp:	15227
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.341 ug/l

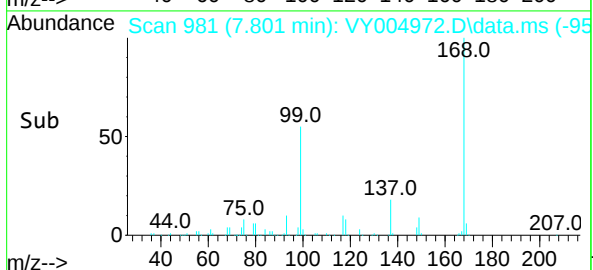
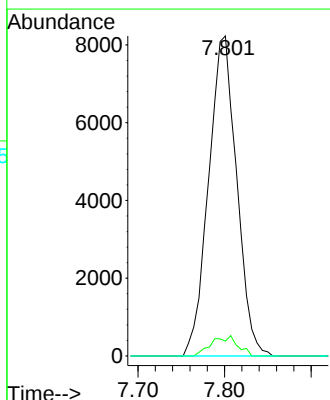
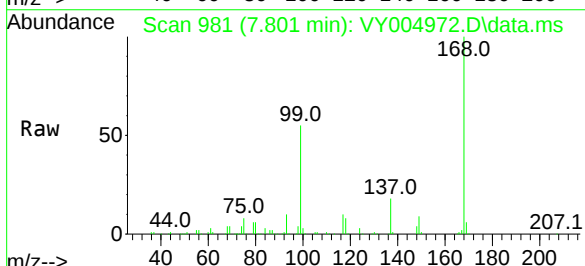
RT: 7.801 min Scan# 981

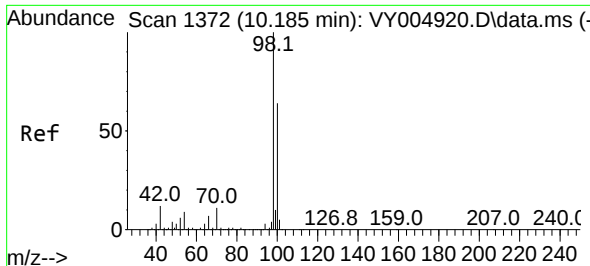
Delta R.T. -0.110 min

Lab File: VY004972.D

Acq: 04 Jun 2021 18:13

Tgt Ion:	117	Resp:	18571
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.1	114.1#
121	0.0	25.5	38.3#

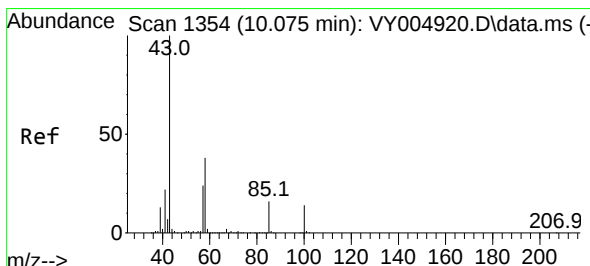
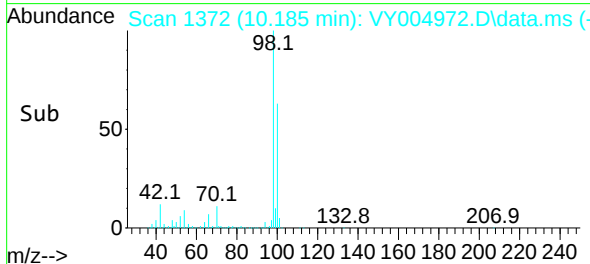
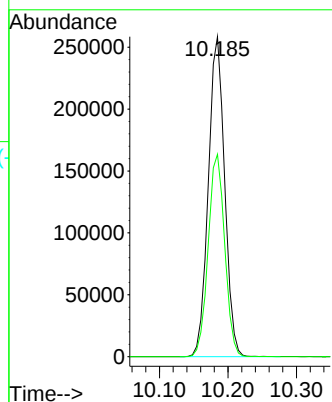
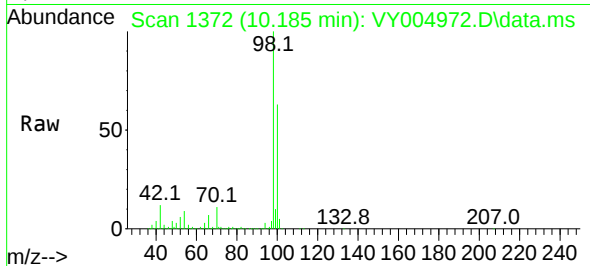




#50
Toluene-d8
Concen: 55.838 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13

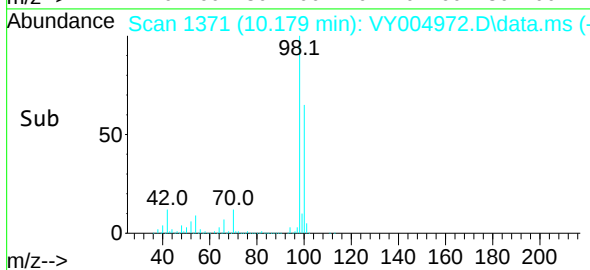
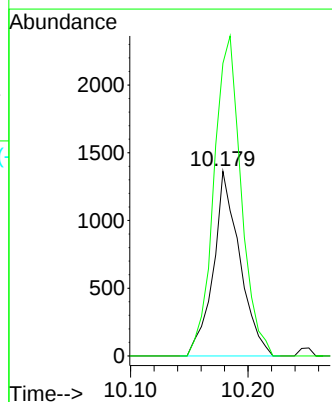
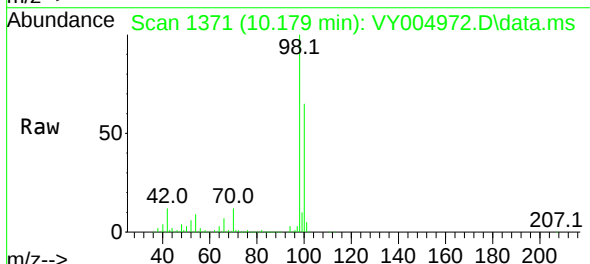
Instrument :
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18-B12(126-130)

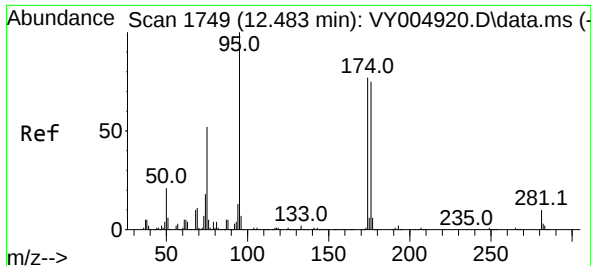
Tgt Ion: 98 Resp: 429004
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.019 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13

Tgt Ion: 43 Resp: 2122
Ion Ratio Lower Upper
43 100
58 179.3 30.6 46.0#

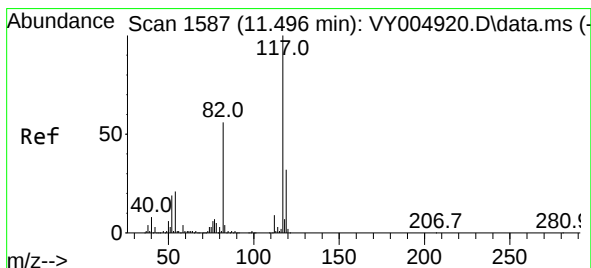
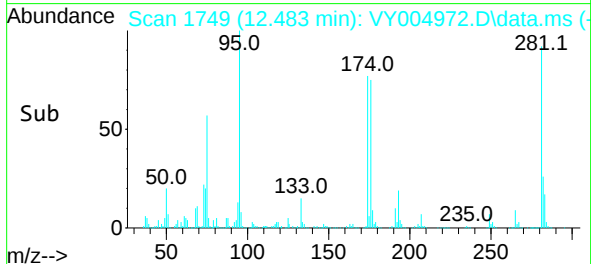
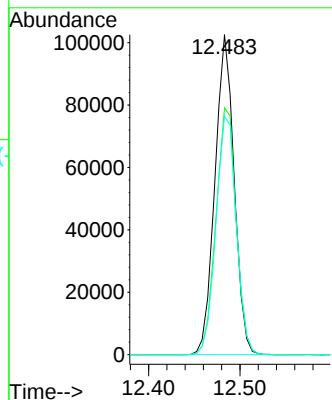
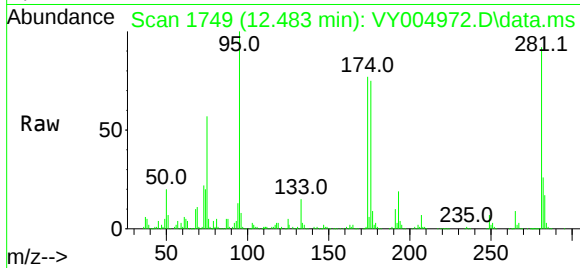




#62
4-Bromofluorobenzene
Concen: 56.702 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13

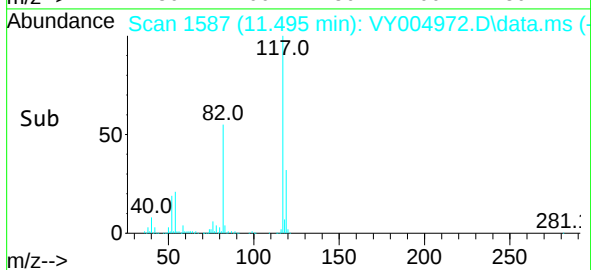
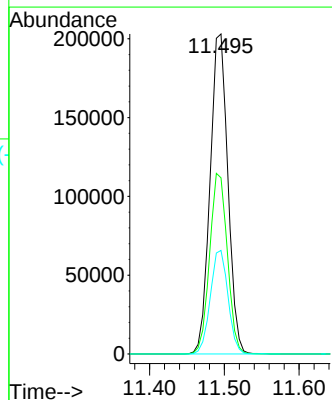
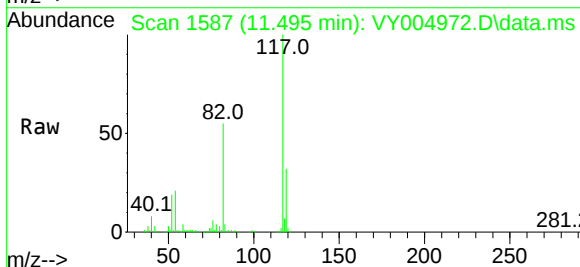
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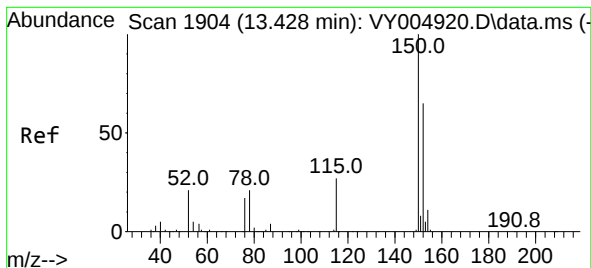
Tgt Ion: 95 Resp: 149824
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.8
176 79.1 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004972.D
Acq: 04 Jun 2021 18:13

Tgt Ion: 117 Resp: 335206
Ion Ratio Lower Upper
117 100
82 55.1 44.8 67.2
119 32.4 25.2 37.8

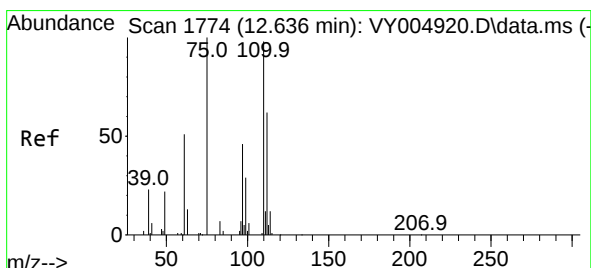
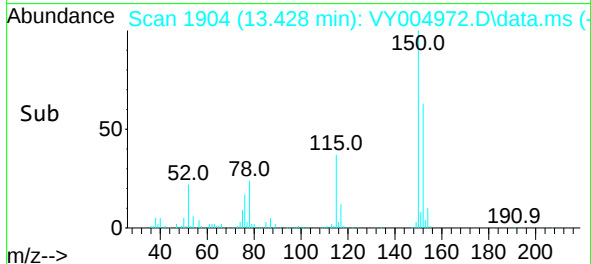
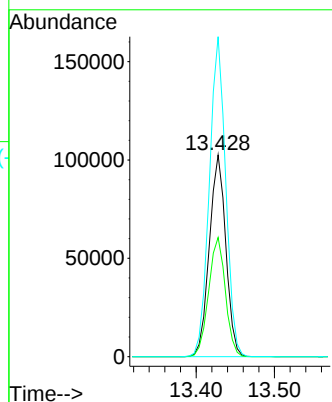
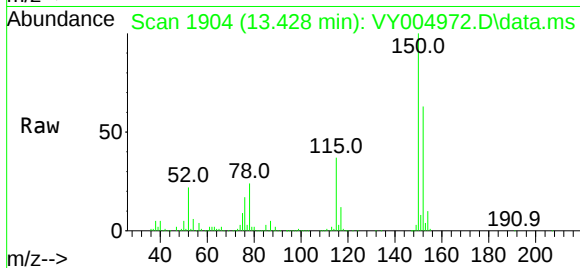




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004972.D
 Acq: 04 Jun 2021 18:13

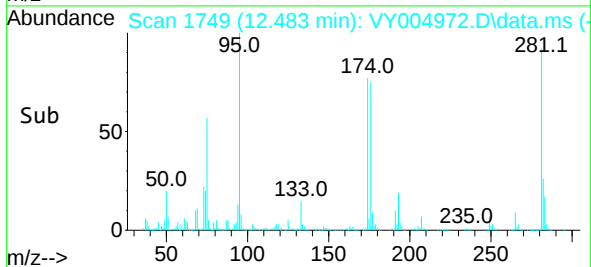
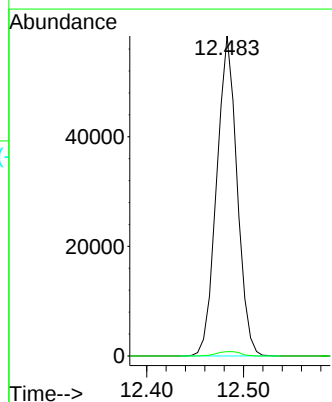
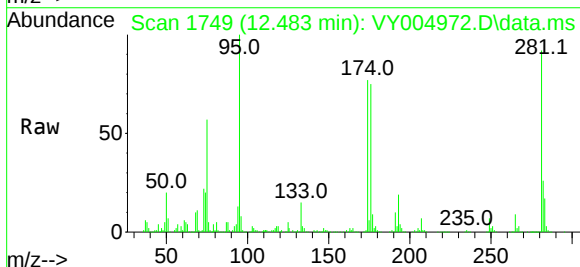
Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(126-130)

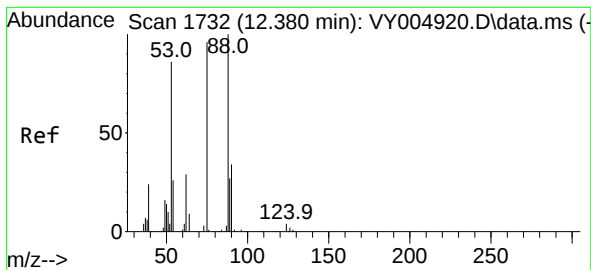
Tgt Ion:152 Resp: 149715
 Ion Ratio Lower Upper
 152 100
 115 59.9 29.9 89.7
 150 157.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 52.131 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004972.D
 Acq: 04 Jun 2021 18:13

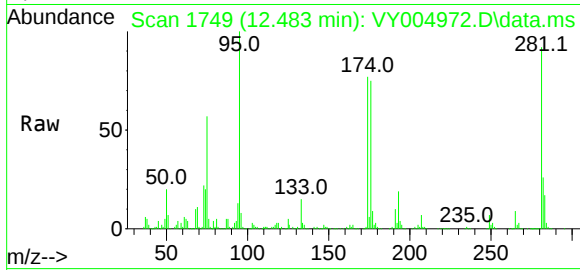
Tgt Ion: 75 Resp: 85555
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.804 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004972.D
 Acq: 04 Jun 2021 18:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(126-130)



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	69.3	103.9#
89	2.5	35.0	52.6#

