

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004975.D
 Acq On : 04 Jun 2021 19:23
 Operator : SY/MD
 Sample : M2612-01
 Misc : 8.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(6-10)

Quant Time: Jun 05 01:36:25 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)

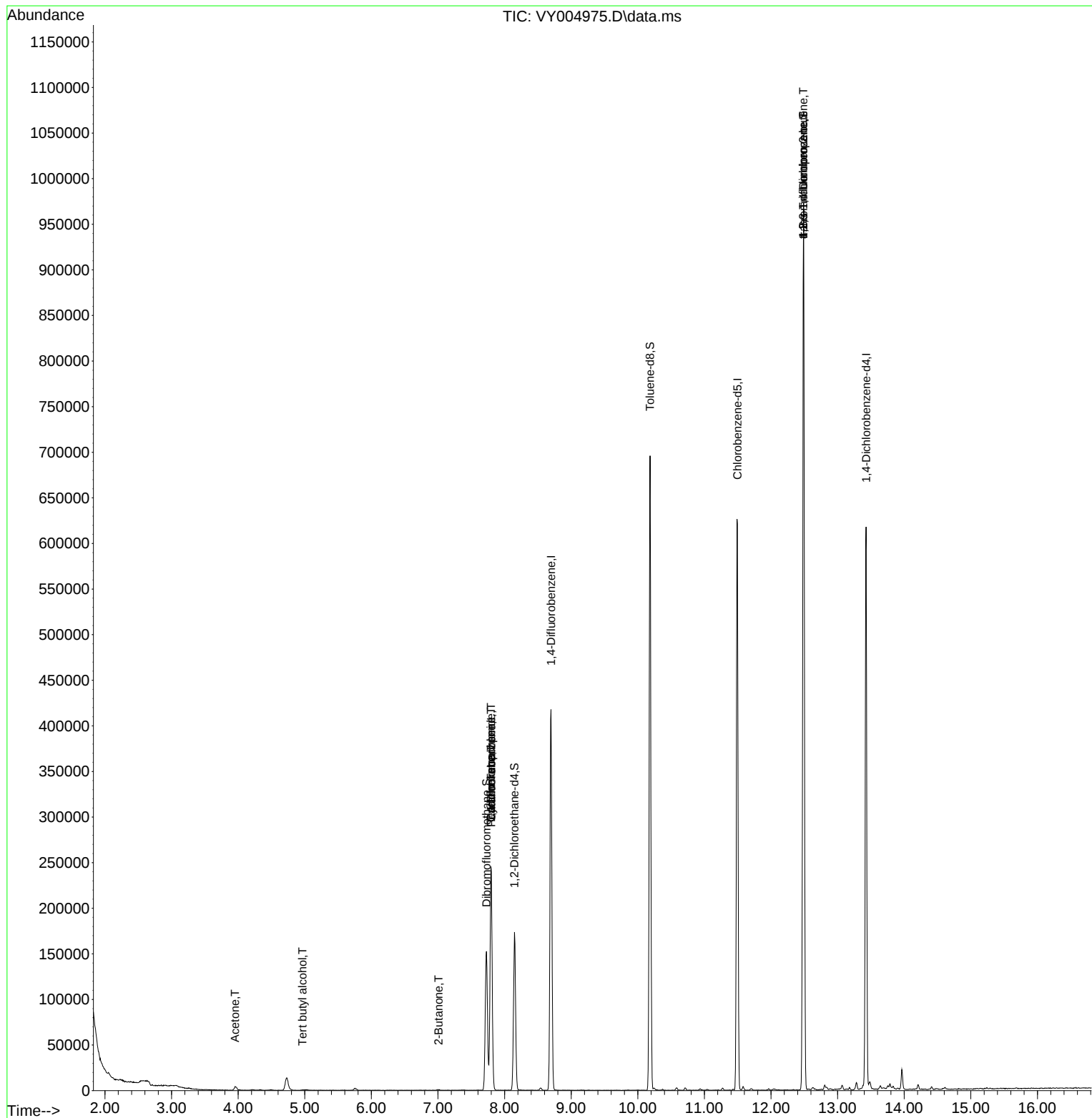
Internal Standards						
1) Pentafluorobenzene	7.801	168	182839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	346055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	336912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128443	66.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.900%	
35) Dibromofluoromethane	7.728	113	108953	58.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.040%	
50) Toluene-d8	10.185	98	431625	55.820	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.640%	
62) 4-Bromofluorobenzene	12.483	95	152383	57.302	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	840	3.779	ug/l #	74
16) Acetone	3.954	43	6688	14.373	ug/l #	62
20) Methylene Chloride	4.735	84	9984	Below Cal		94
25) 2-Butanone	7.009	43	1541	1.970	ug/l	90
31) Cyclohexane	7.795	56	4405	1.294	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15393	4.545	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18383	6.237	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	85034	52.011	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85034	95.584	ug/l #	16

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

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Acq On : 04 Jun 2021 19:23
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Misc : 8.18G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(6-10)

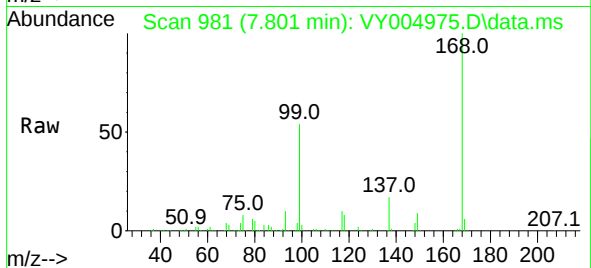
Quant Time: Jun 05 01:36:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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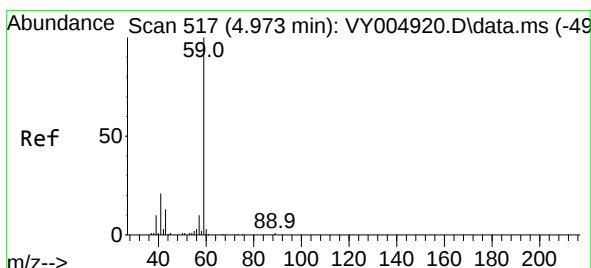
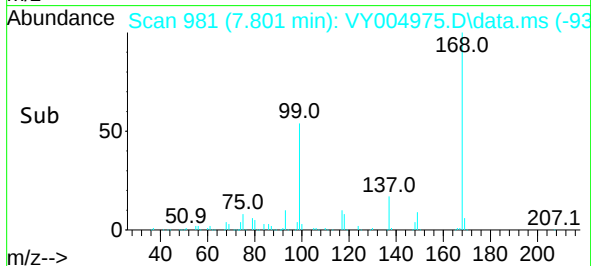
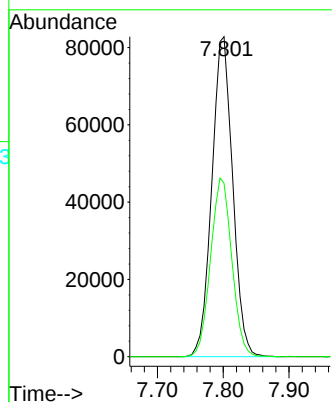


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(6-10)

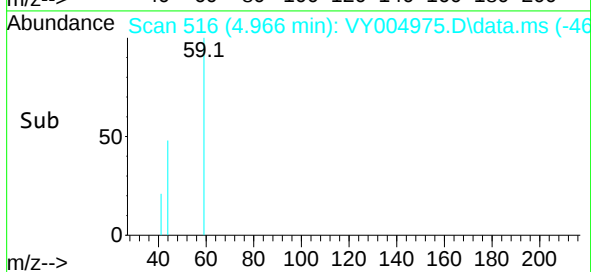
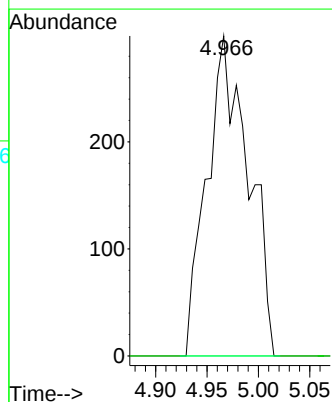
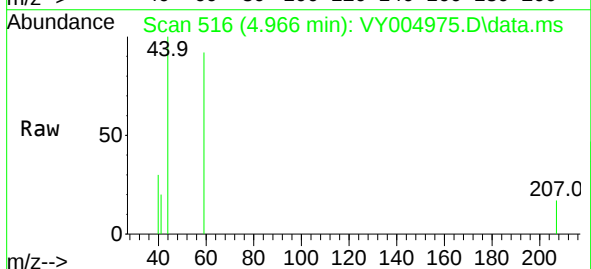


Tgt Ion:168 Resp: 182839
Ion Ratio Lower Upper
168 100
99 54.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.779 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

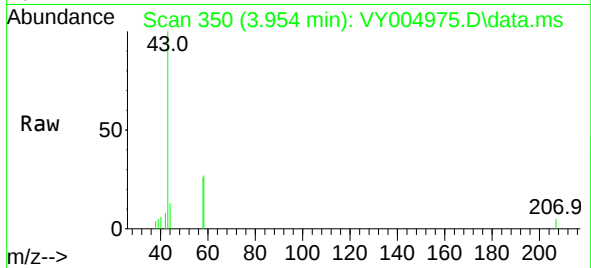
Tgt Ion: 59 Resp: 840
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



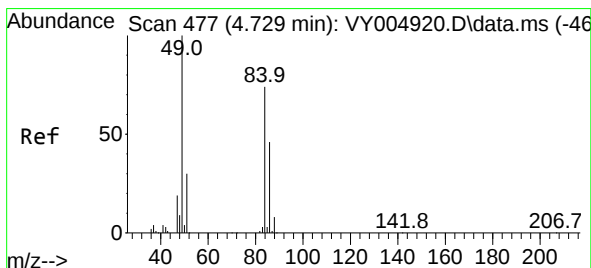
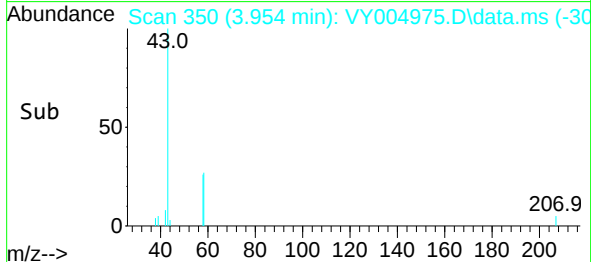
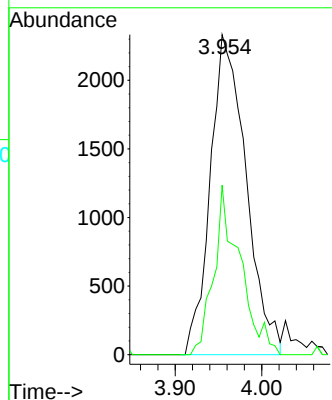


#16
Acetone
Concen: 14.373 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(6-10)

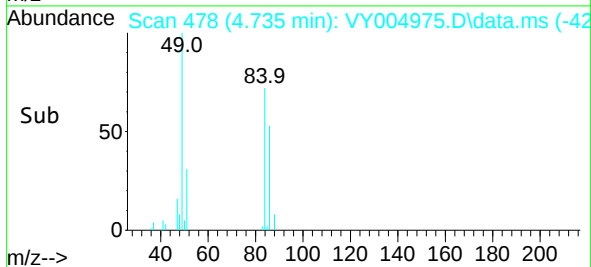
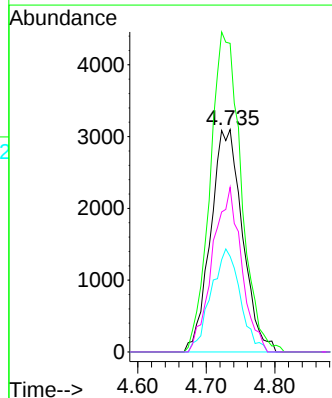
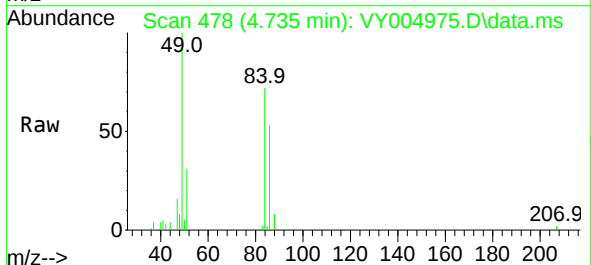


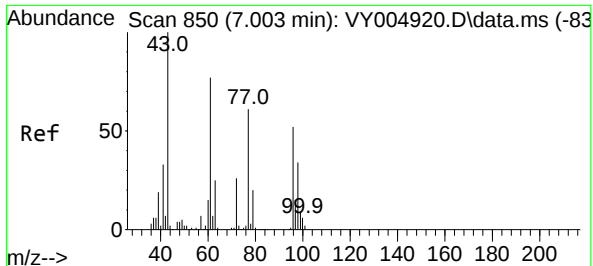
Tgt Ion: 43 Resp: 6688
Ion Ratio Lower Upper
43 100
58 52.9 25.3 37.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

Tgt Ion: 84 Resp: 9984
Ion Ratio Lower Upper
84 100
49 138.7 108.0 162.0
51 42.9 32.6 48.8
86 74.0 49.9 74.9

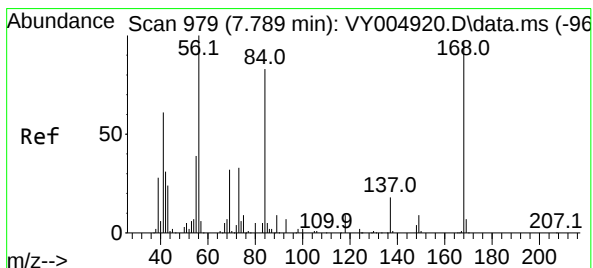
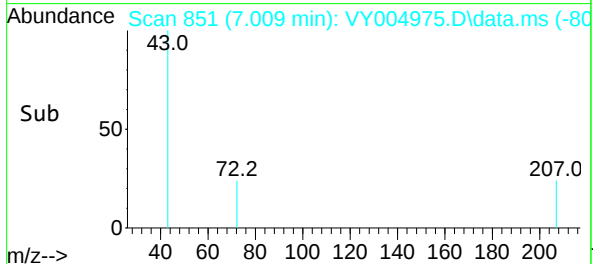
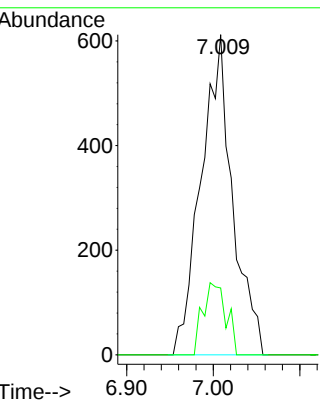
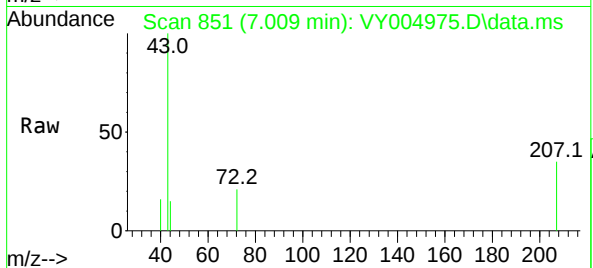




#25
2-Butanone
Concen: 1.970 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

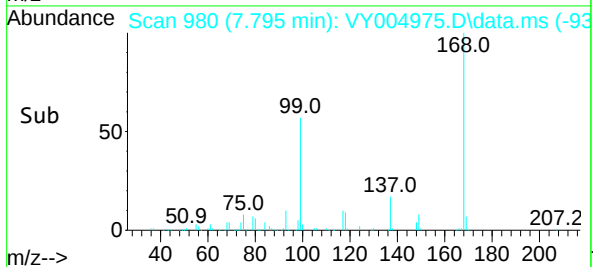
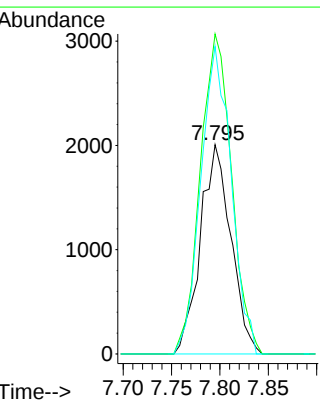
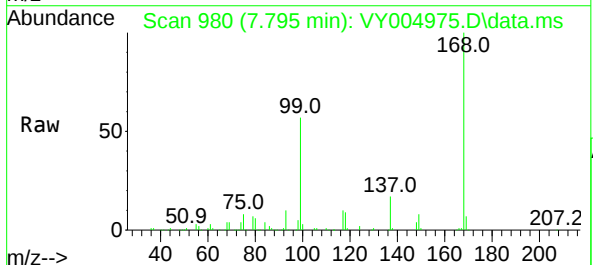
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(6-10)

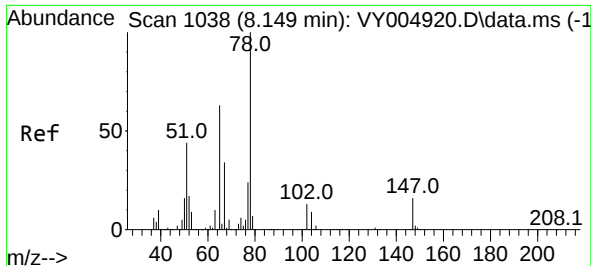
Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
72 20.9 20.6 31.0



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

Tgt Ion: 56 Resp: 4405
Ion Ratio Lower Upper
56 100
69 152.9 25.3 37.9#
84 147.0 66.2 99.4#

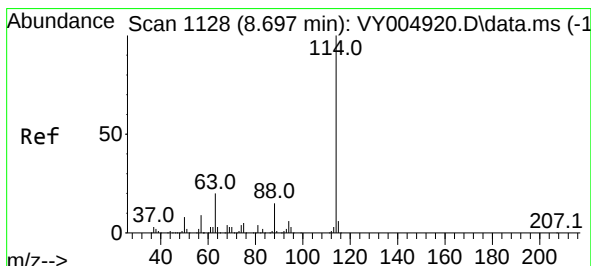
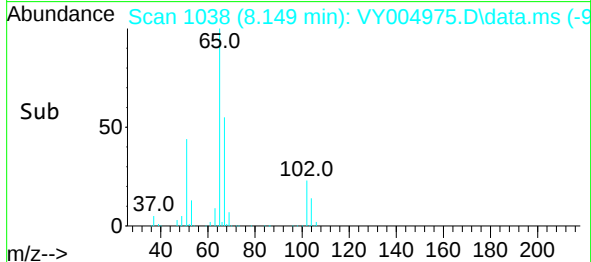
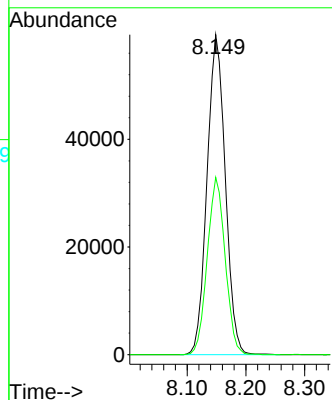
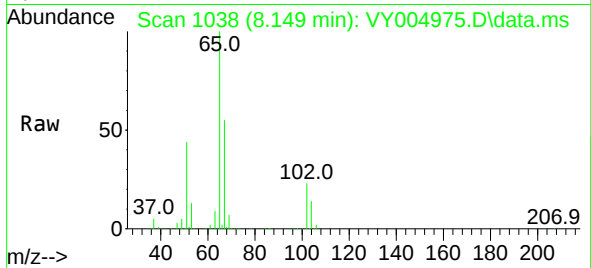




#33
1,2-Dichloroethane-d4
Concen: 66.450 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

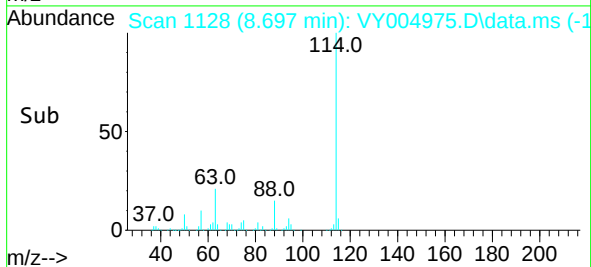
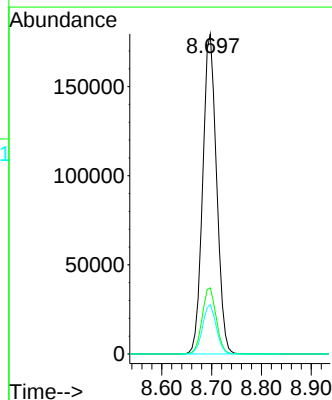
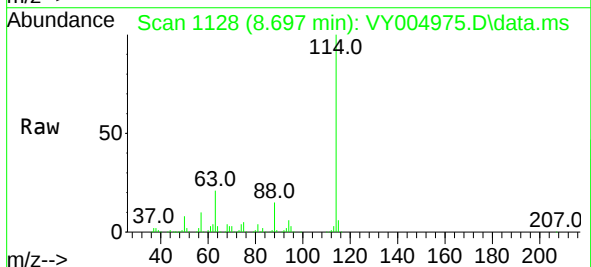
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18-B12(6-10)

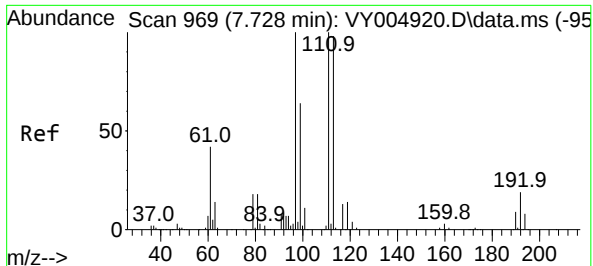
Tgt Ion: 65 Resp: 128443
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

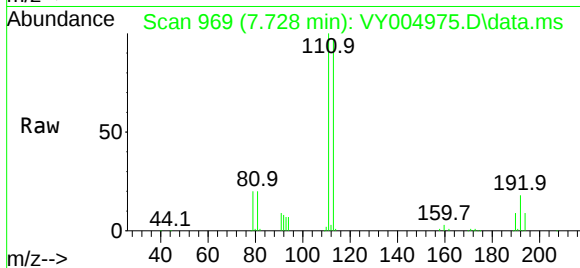
Tgt Ion: 114 Resp: 346055
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.0
88 15.4 0.0 30.6



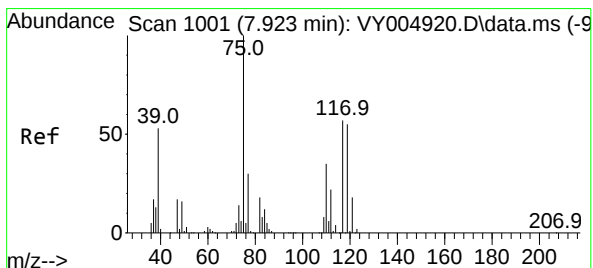
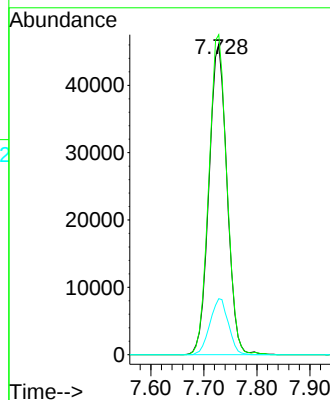
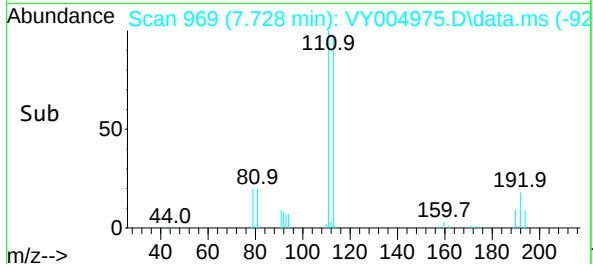


#35
Dibromofluoromethane
Concen: 58.520 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

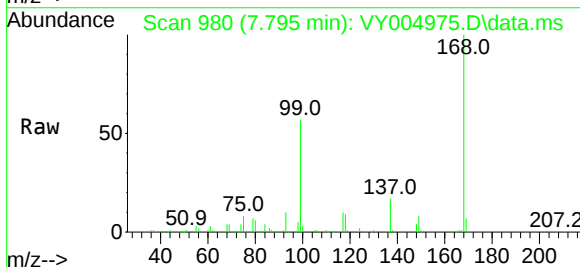
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(6-10)



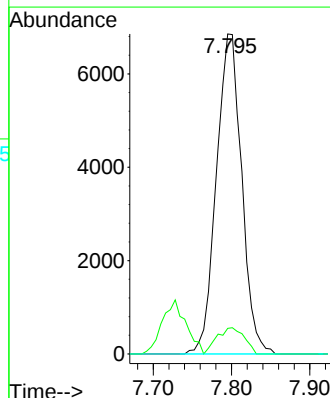
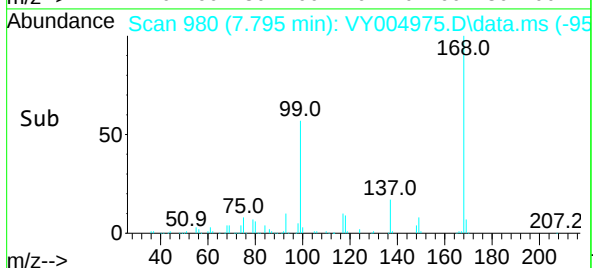
Tgt Ion:113 Resp: 108953
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 18.4 15.3 22.9

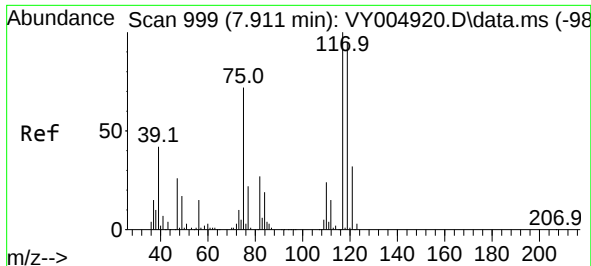


#36
1,1-Dichloropropene
Concen: 4.545 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23



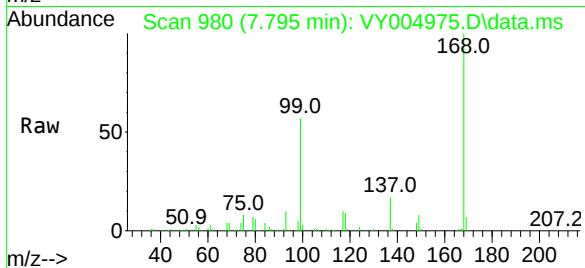
Tgt Ion: 75 Resp: 15393
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 25.1 37.7#



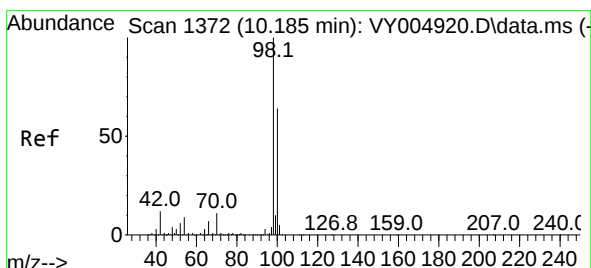
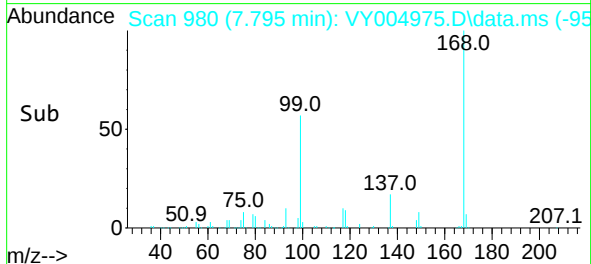
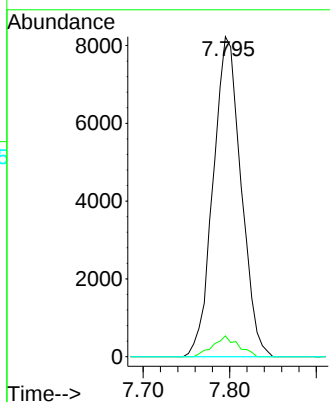


#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(6-10)

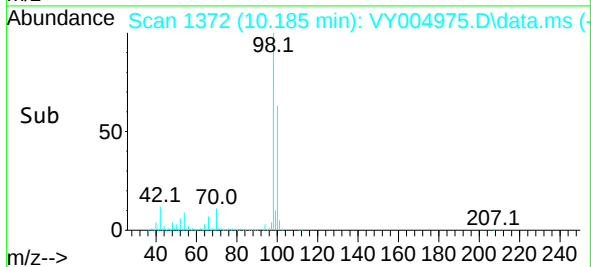
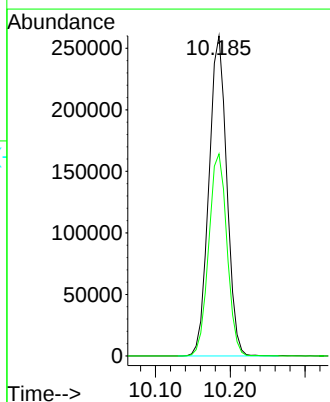
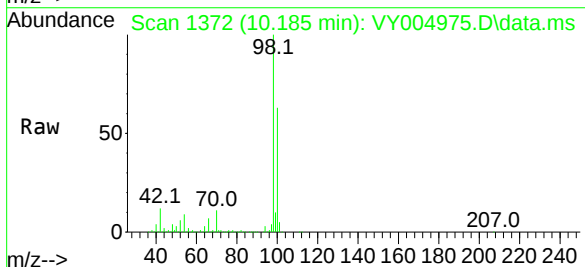


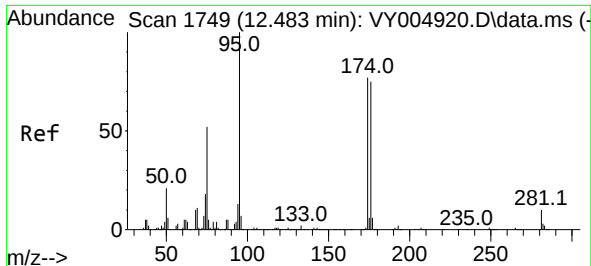
Tgt Ion:117 Resp: 18383
Ion Ratio Lower Upper
117 100
119 6.5 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 55.820 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

Tgt Ion: 98 Resp: 431625
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

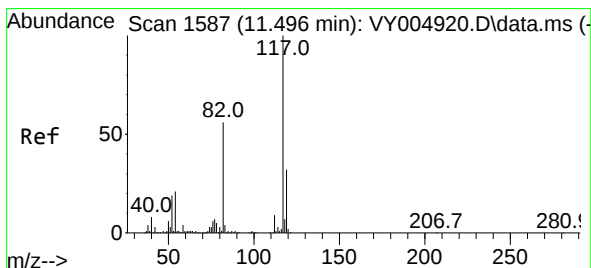
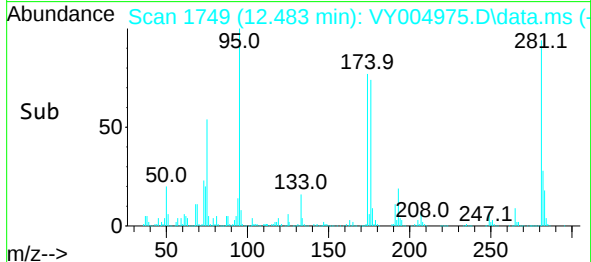
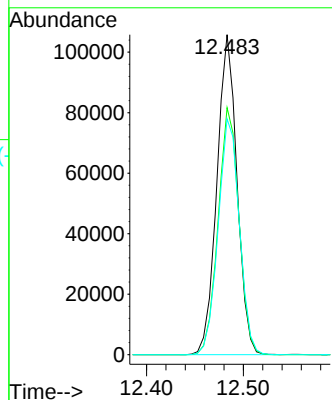
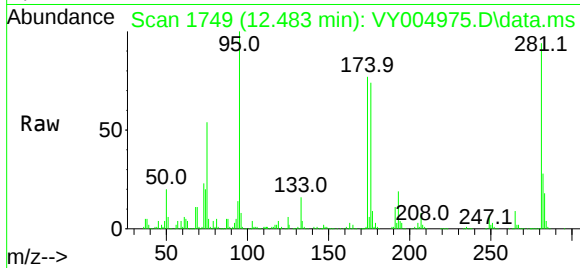




#62
4-Bromofluorobenzene
Concen: 57.302 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

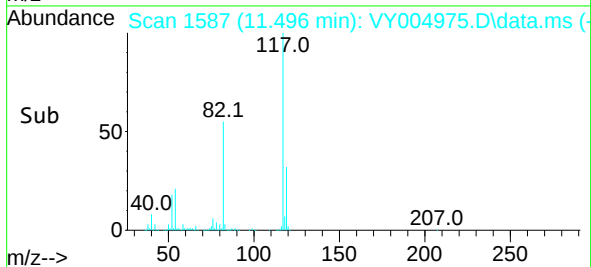
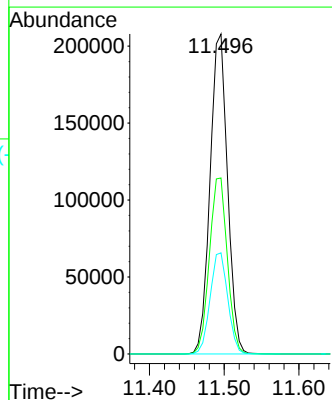
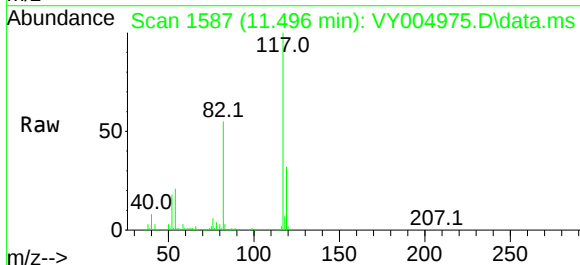
Instrument :
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18-B12(6-10)

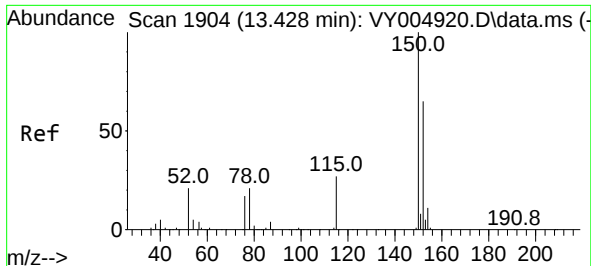
Tgt Ion: 95 Resp: 152383
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.8
176 77.6 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004975.D
Acq: 04 Jun 2021 19:23

Tgt Ion: 117 Resp: 336912
Ion Ratio Lower Upper
117 100
82 55.0 44.8 67.2
119 31.6 25.2 37.8

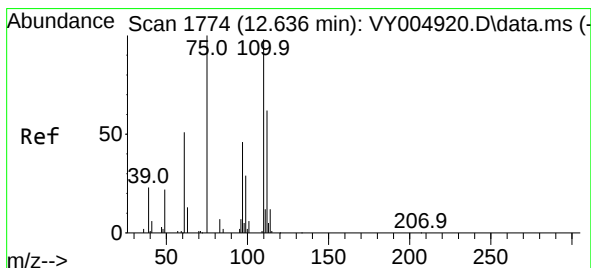
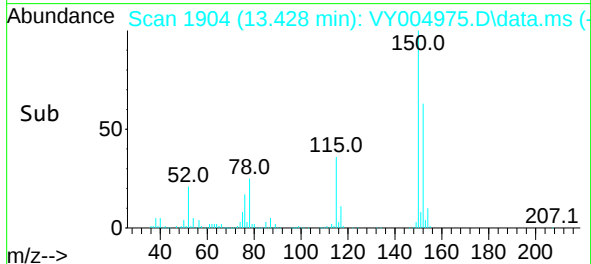
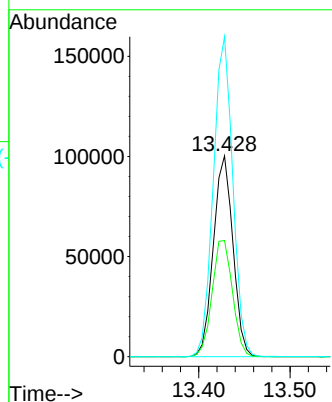
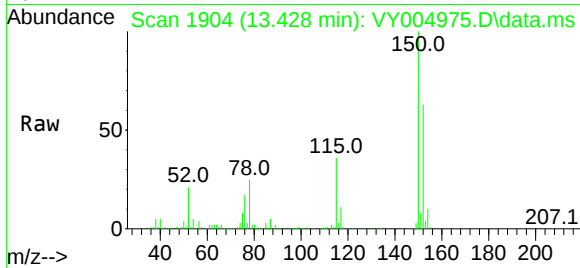




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004975.D
 Acq: 04 Jun 2021 19:23

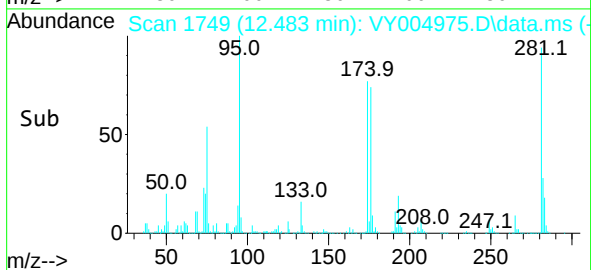
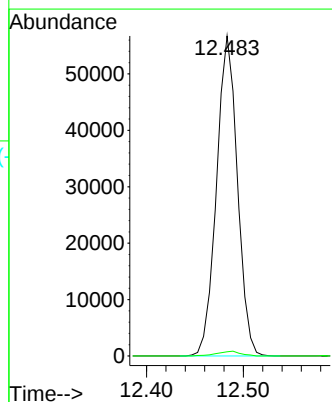
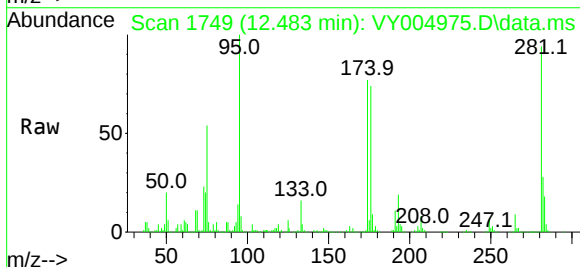
Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(6-10)

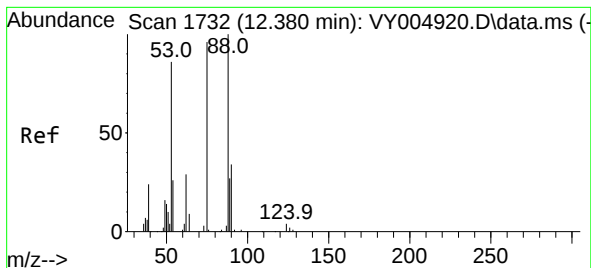
Tgt Ion:152 Resp: 149146
 Ion Ratio Lower Upper
 152 100
 115 60.3 29.9 89.7
 150 158.5 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 52.011 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004975.D
 Acq: 04 Jun 2021 19:23

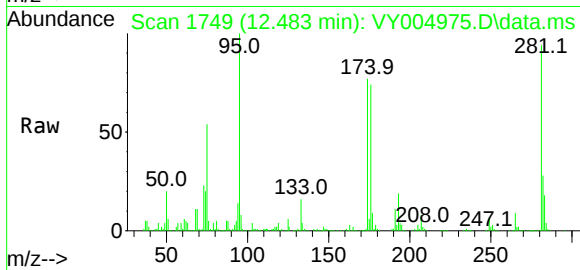
Tgt Ion: 75 Resp: 85034
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.584 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004975.D
 Acq: 04 Jun 2021 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(6-10)



Tgt Ion: 75 Resp: 85034
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.3 103.9#
 89 2.5 35.0 52.6#

