

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004978.D
 Acq On : 04 Jun 2021 20:32
 Operator : SY/MD
 Sample : M2612-04
 Misc : 8.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(18-22)

Quant Time: Jun 05 01:37:14 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)

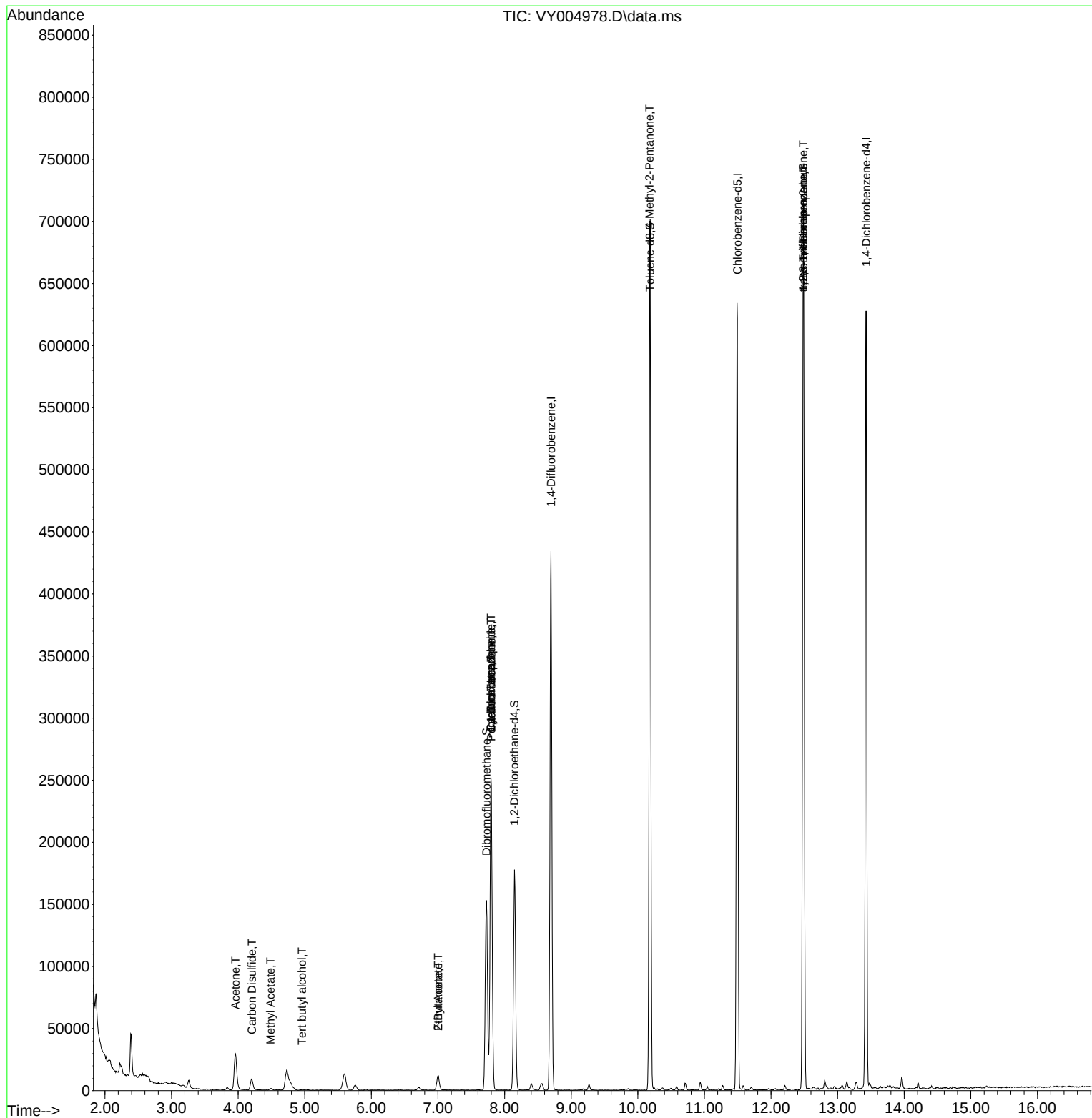
Internal Standards						
1) Pentafluorobenzene	7.801	168	187970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	355621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	342724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133472	67.167	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.340%			
35) Dibromofluoromethane	7.728	113	111669	58.365	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.740%			
50) Toluene-d8	10.185	98	441750	55.593	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.180%			
62) 4-Bromofluorobenzene	12.483	95	154376	56.490	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.980%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.960	59	780	3.413	ug/l #	74
13) Acrolein	3.729	56	691	Below Cal		86
16) Acetone	3.960	43	53206	111.225	ug/l	96
17) Carbon Disulfide	4.204	76	17573	2.958	ug/l	100
18) Methyl Acetate	4.485	43	2991	1.951	ug/l #	75
20) Methylene Chloride	4.734	84	11097	Below Cal		96
25) 2-Butanone	7.002	43	21527	26.762	ug/l	94
31) Cyclohexane	7.795	56	4303	1.230	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15455	4.441	ug/l #	50
37) Ethyl Acetate	7.002	43	21527	9.403	ug/l #	70
38) Carbon Tetrachloride	7.795	117	19490	6.435	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	2563	1.190	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	83594	49.769	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83594	91.464	ug/l #	16

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

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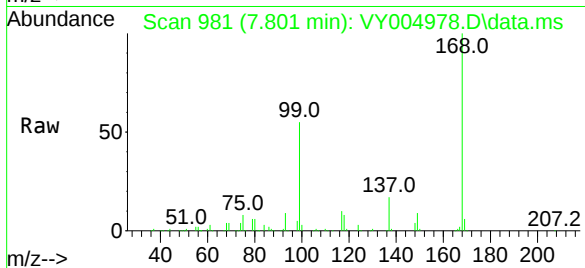
Quant Time: Jun 05 01:37:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
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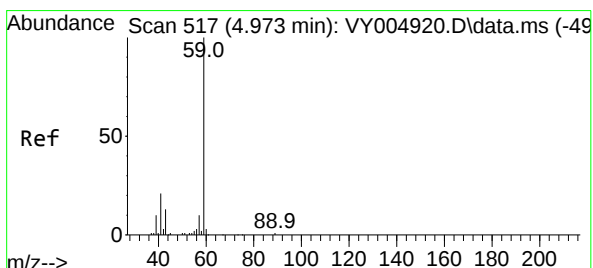
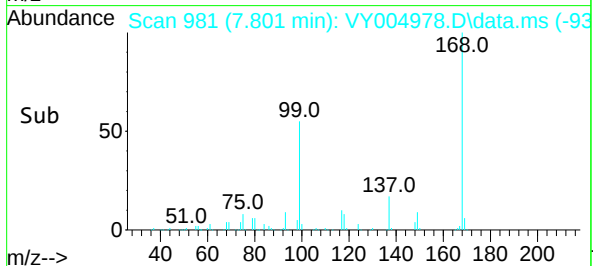
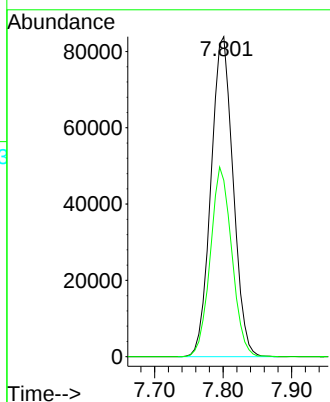


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(18-22)

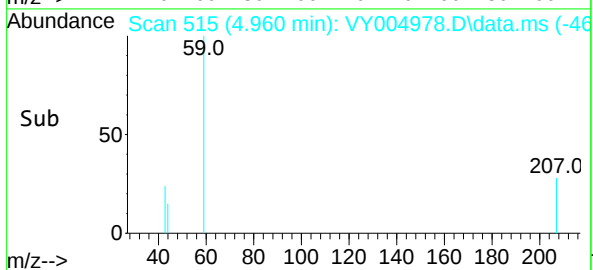
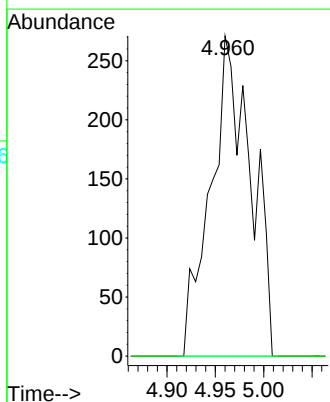
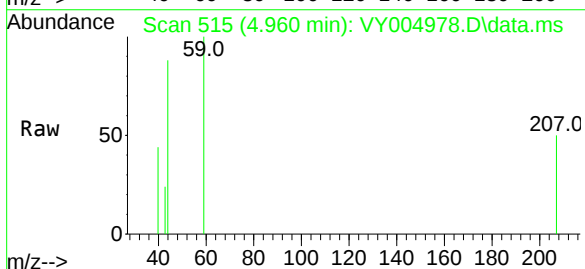


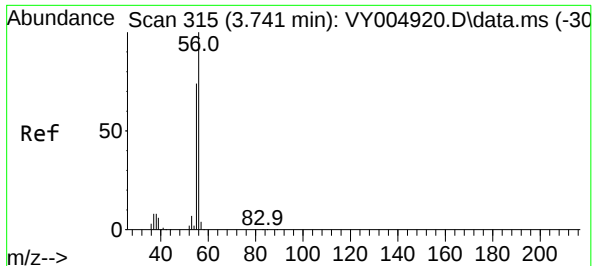
Tgt Ion:168 Resp: 187970
Ion Ratio Lower Upper
168 100
99 55.1 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.413 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

Tgt Ion: 59 Resp: 780
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

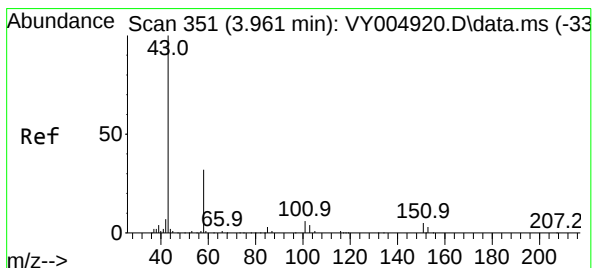
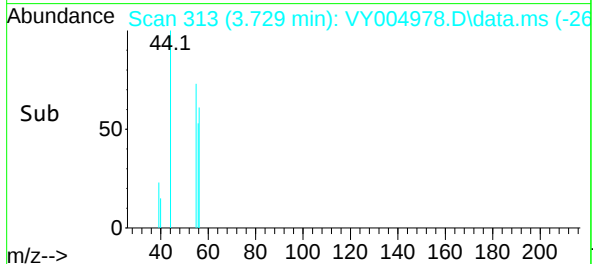
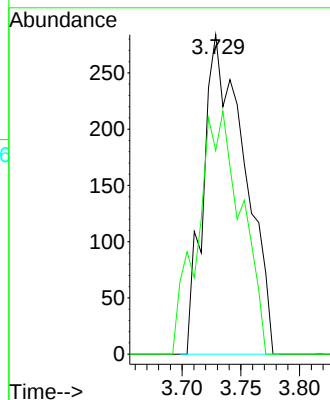
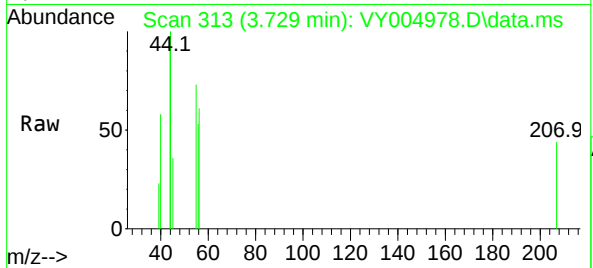




#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.012 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

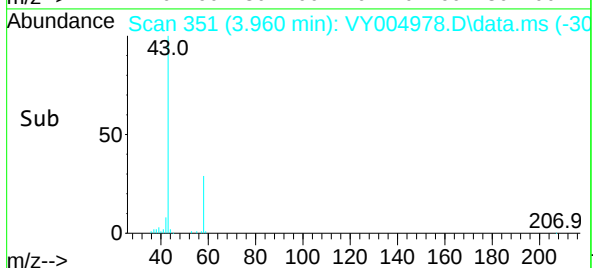
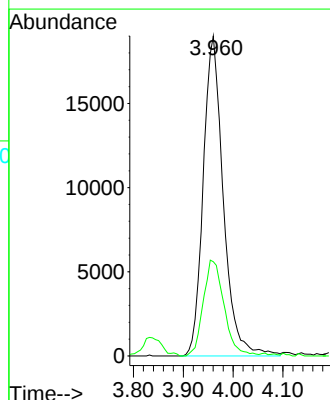
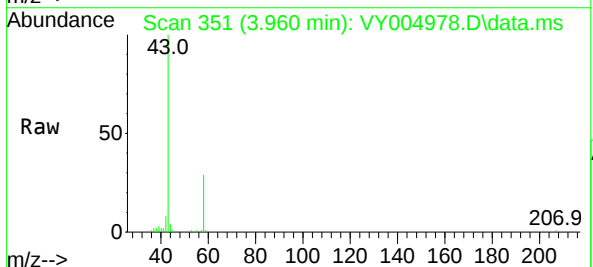
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(18-22)

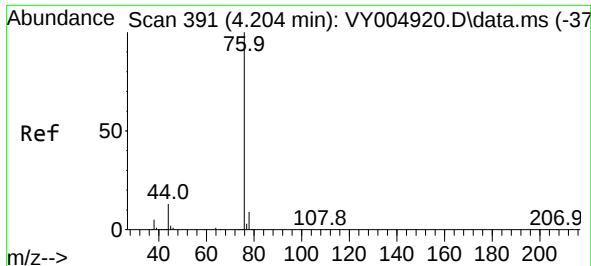
Tgt Ion: 56 Resp: 691
Ion Ratio Lower Upper
56 100
55 81.0 55.4 83.2



#16
Acetone
Concen: 111.225 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

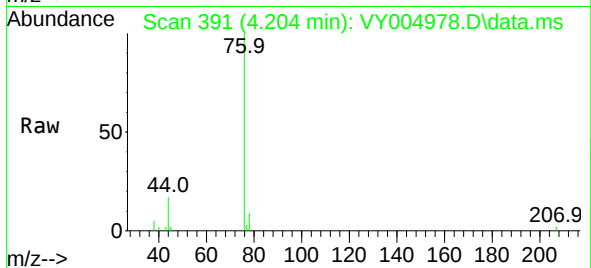
Tgt Ion: 43 Resp: 53206
Ion Ratio Lower Upper
43 100
58 29.4 25.3 37.9



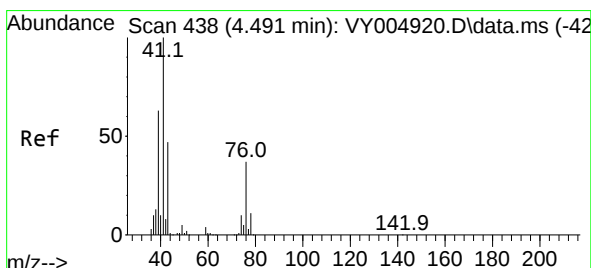
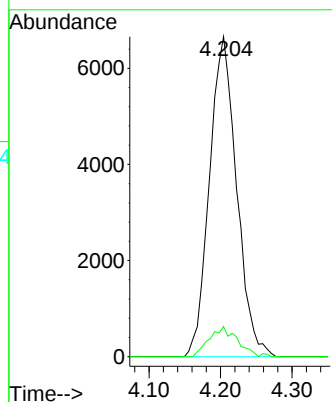
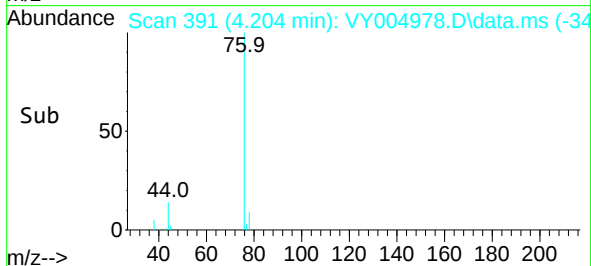


#17
Carbon Disulfide
Concen: 2.958 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

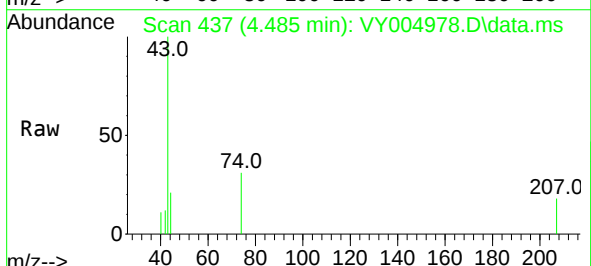
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(18-22)



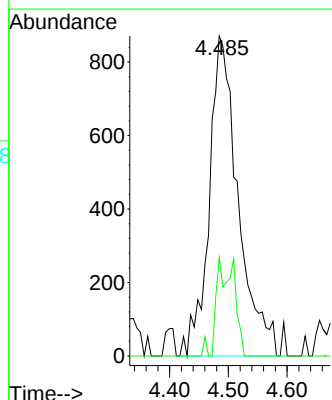
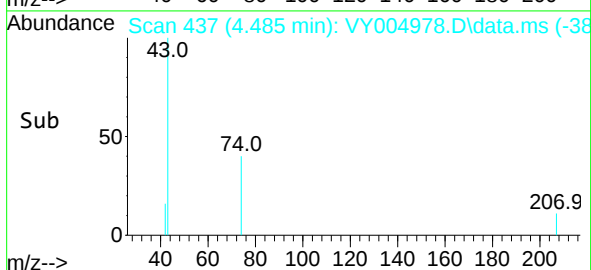
Tgt Ion: 76 Resp: 17573
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

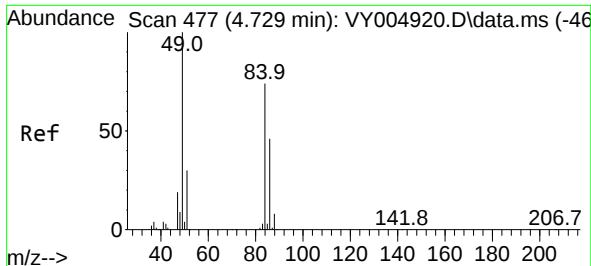


#18
Methyl Acetate
Concen: 1.951 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32



Tgt Ion: 43 Resp: 2991
Ion Ratio Lower Upper
43 100
74 10.6 18.0 27.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.734 min Scan# 478

Delta R.T. 0.005 min

Lab File: VY004978.D

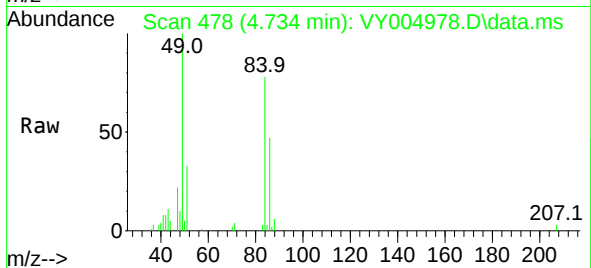
Acq: 04 Jun 2021 20:32

Instrument :

MSVOA_Y

ClientSampleId :

18-B12(18-22)



Tgt Ion: 84 Resp: 11097

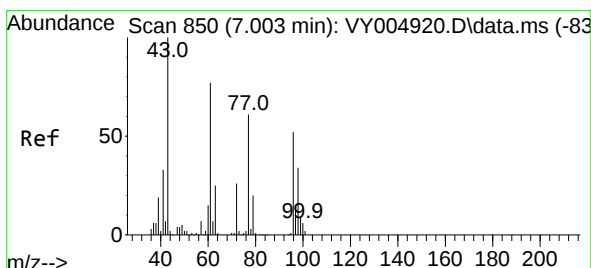
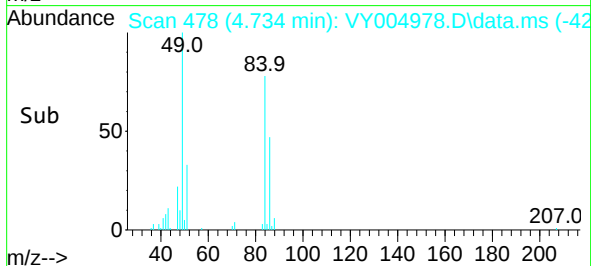
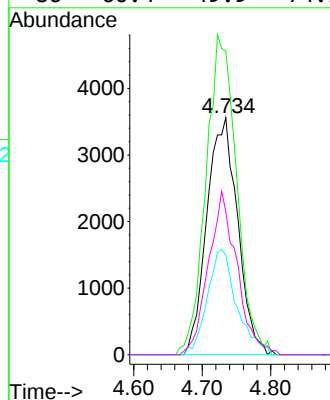
Ion Ratio Lower Upper

84 100

49 128.2 108.0 162.0

51 41.9 32.6 48.8

86 60.4 49.9 74.9



#25

2-Butanone

Concen: 26.762 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY004978.D

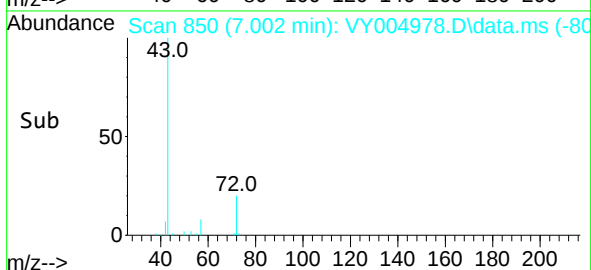
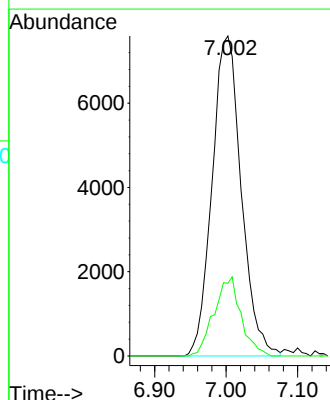
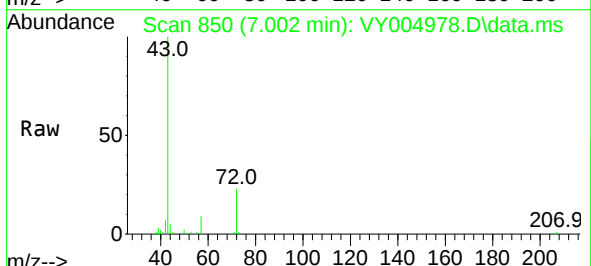
Acq: 04 Jun 2021 20:32

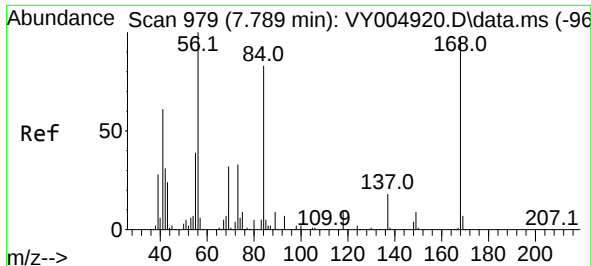
Tgt Ion: 43 Resp: 21527

Ion Ratio Lower Upper

43 100

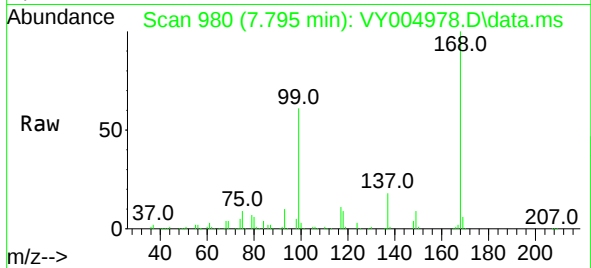
72 22.7 20.6 31.0



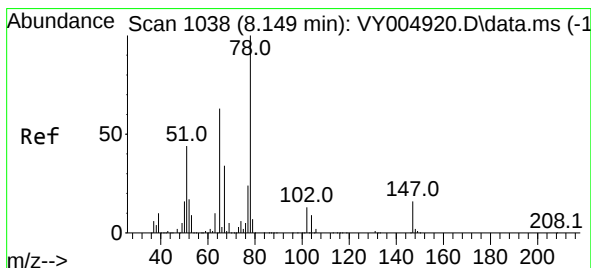
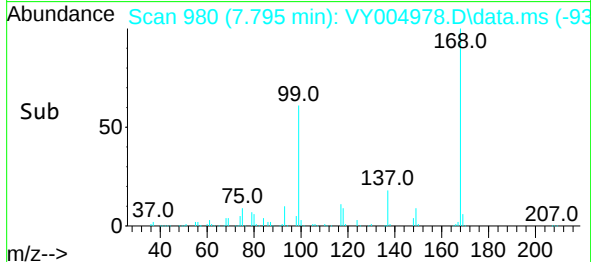
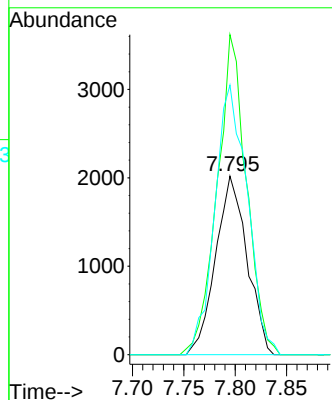


#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(18-22)

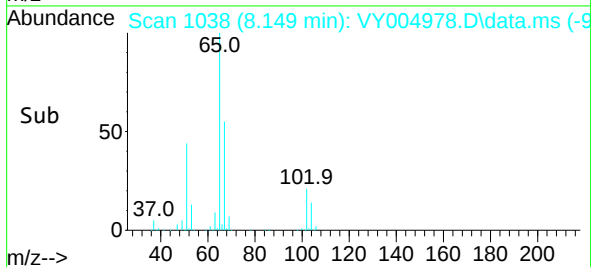
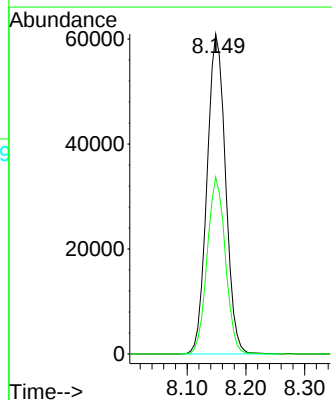
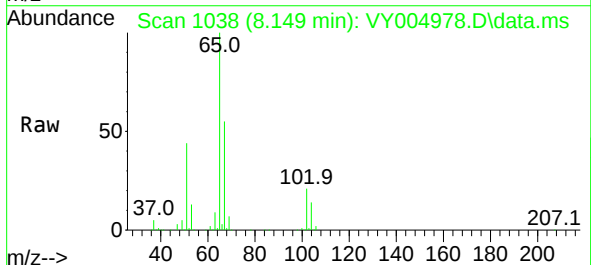


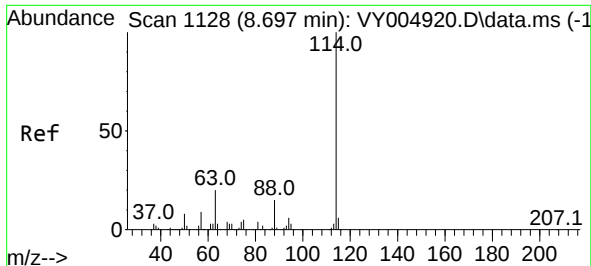
Tgt Ion: 56 Resp: 4303
Ion Ratio Lower Upper
56 100
69 179.2 25.3 37.9#
84 150.9 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 67.167 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

Tgt Ion: 65 Resp: 133472
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6

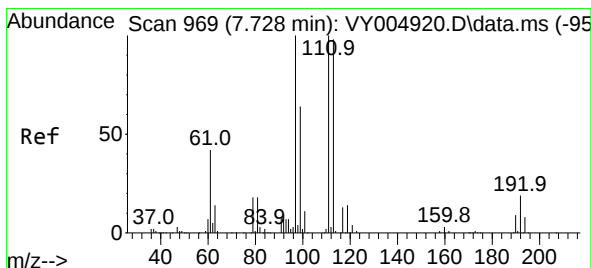
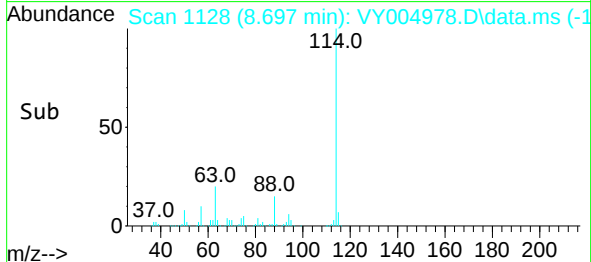
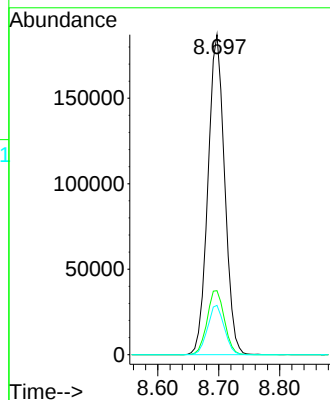
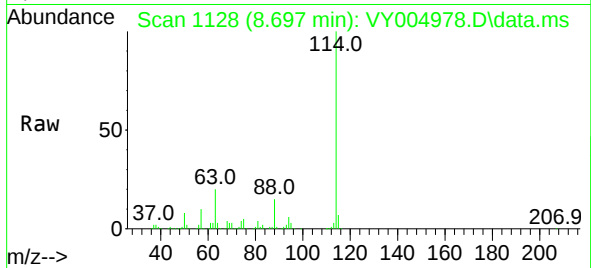




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

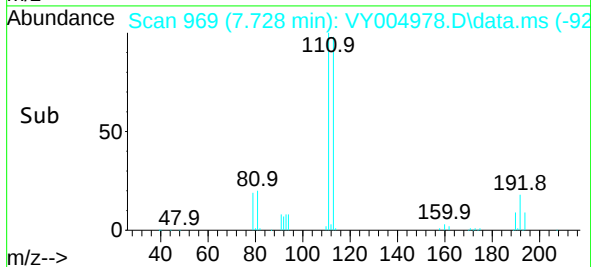
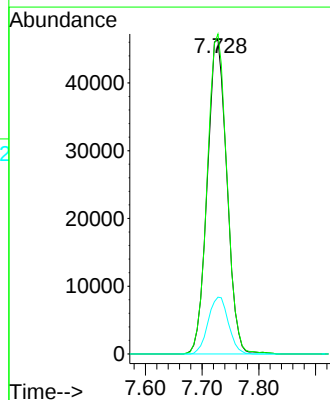
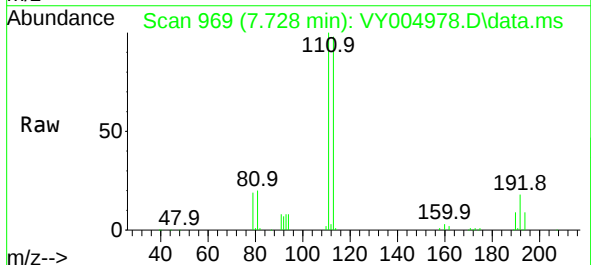
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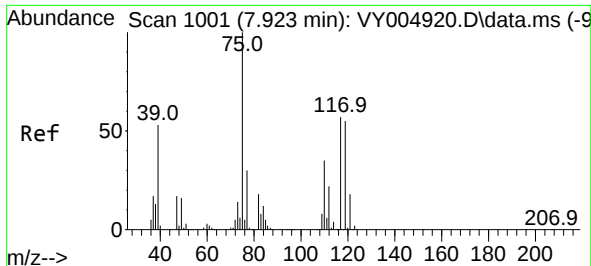
Tgt Ion:114 Resp: 355621
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.0
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 58.365 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

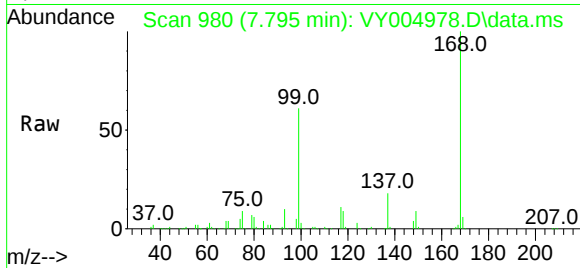
Tgt Ion:113 Resp: 111669
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 18.6 15.3 22.9



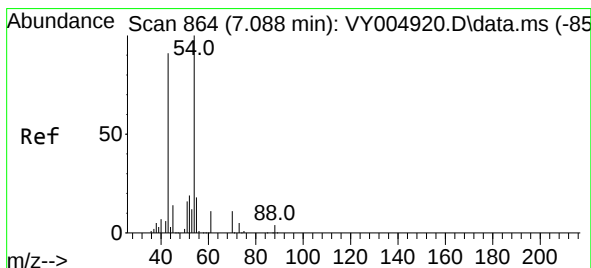
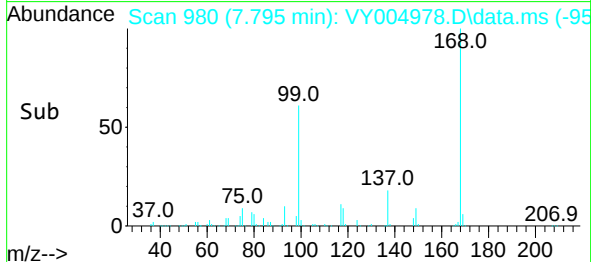
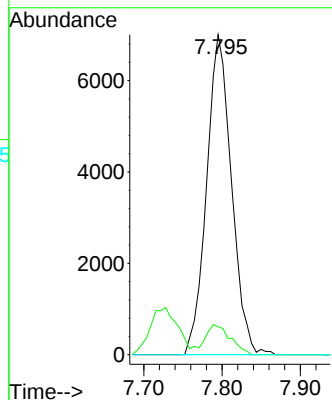


#36
1,1-Dichloropropene
Concen: 4.441 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(18-22)

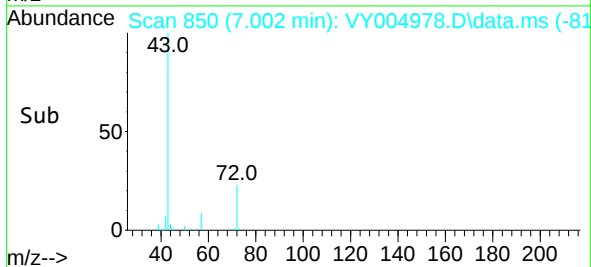
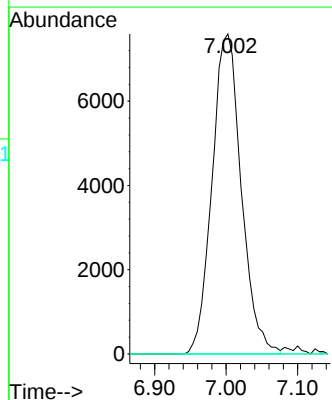
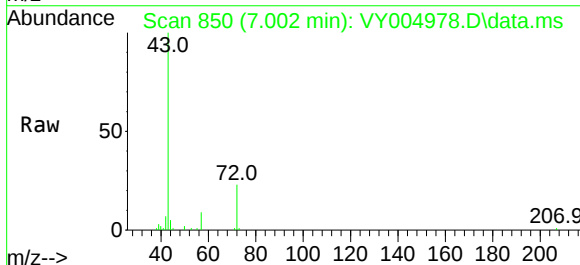


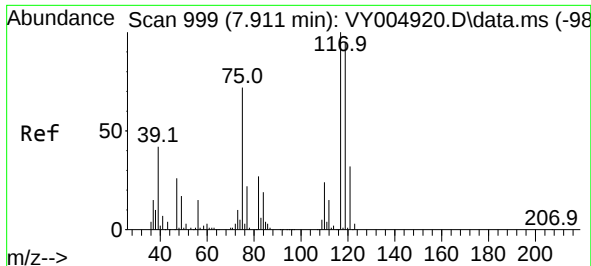
Tgt Ion: 75 Resp: 15455
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 9.403 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.086 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

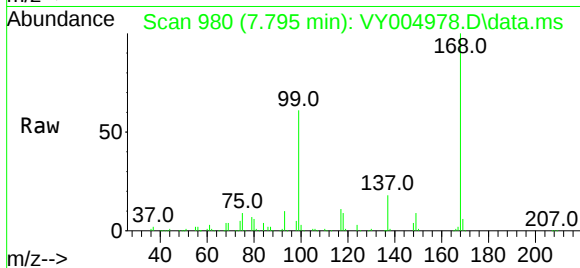
Tgt Ion: 43 Resp: 21527
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 7.9 11.9#



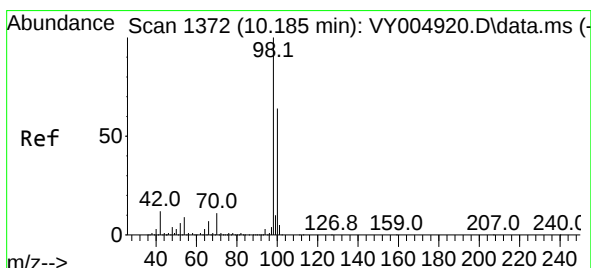
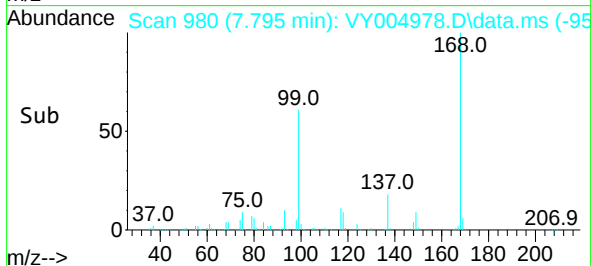
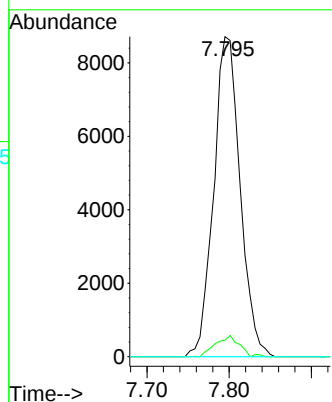


#38
Carbon Tetrachloride
Concen: 6.435 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(18-22)

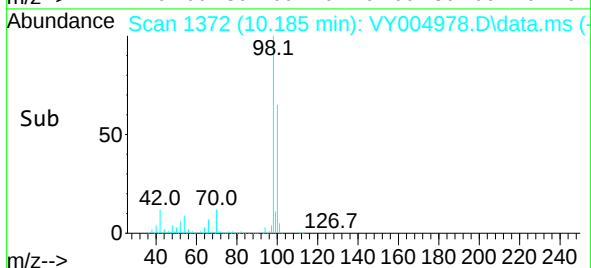
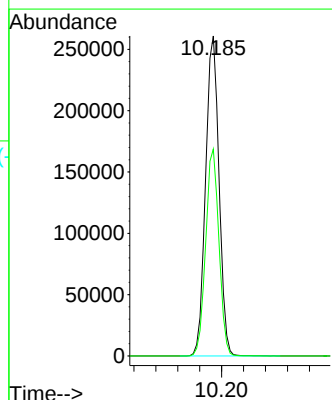
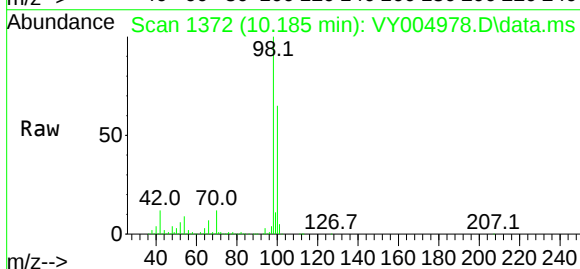


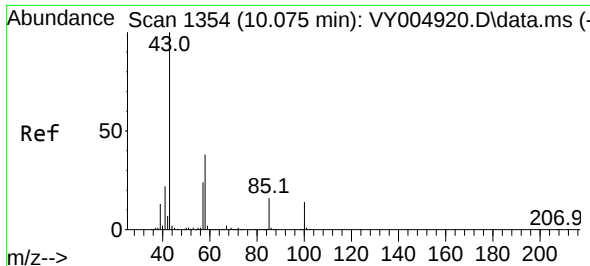
Tgt Ion:117 Resp: 19490
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 55.593 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

Tgt Ion: 98 Resp: 441750
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

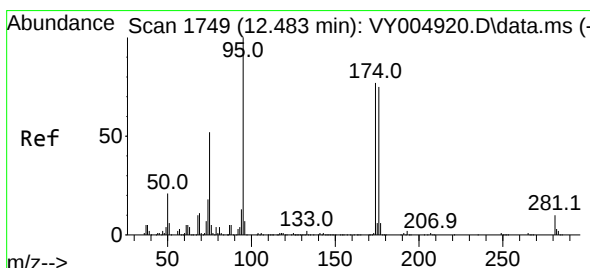
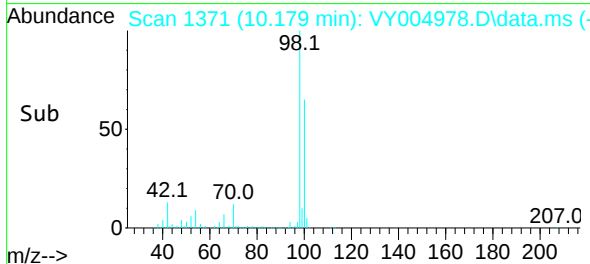
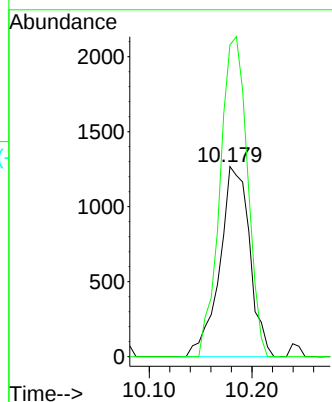
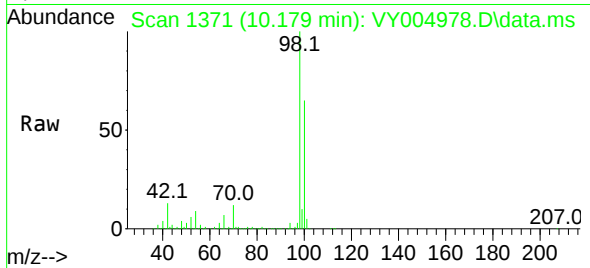




#51
4-Methyl-2-Pentanone
Concen: 1.190 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

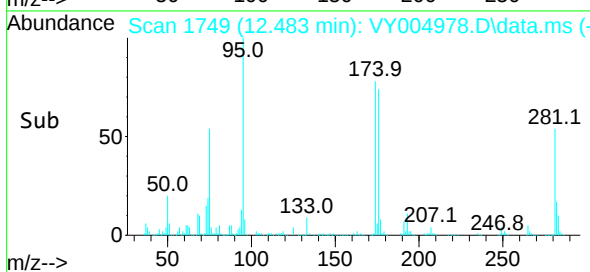
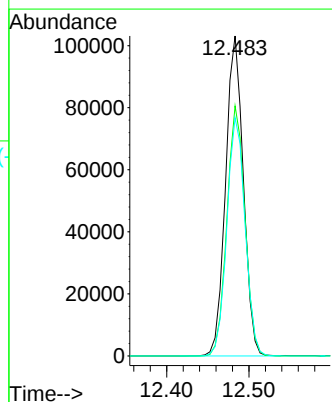
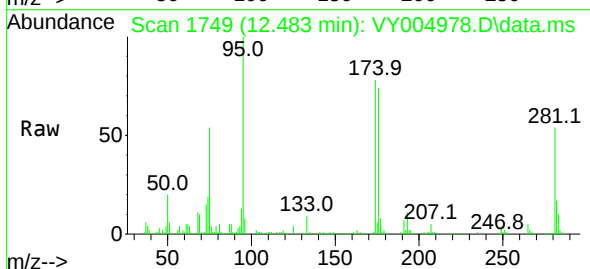
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(18-22)

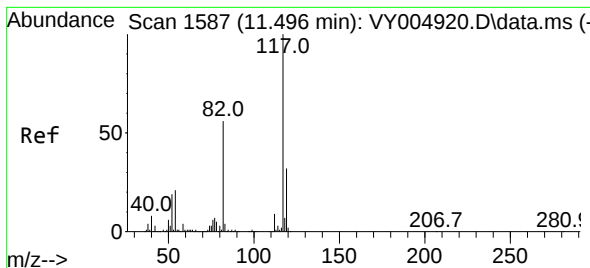
Tgt Ion: 43 Resp: 2563
Ion Ratio Lower Upper
43 100
58 154.2 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 56.490 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

Tgt Ion: 95 Resp: 154376
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.8
176 76.2 0.0 155.6

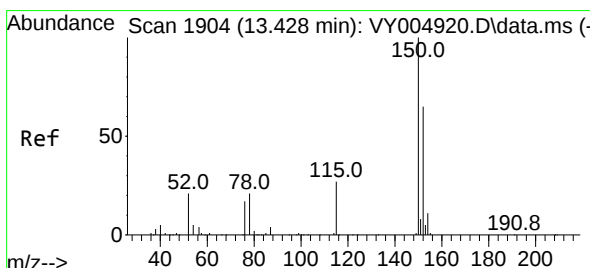
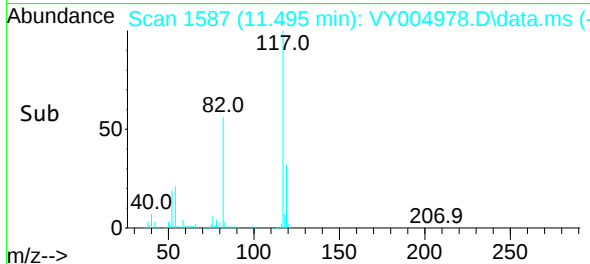
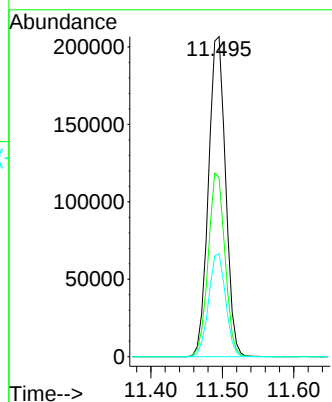
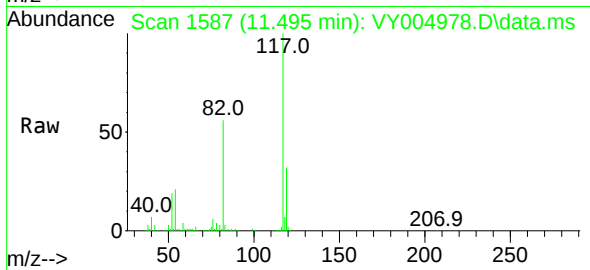




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

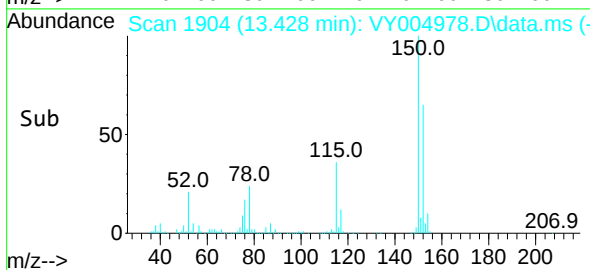
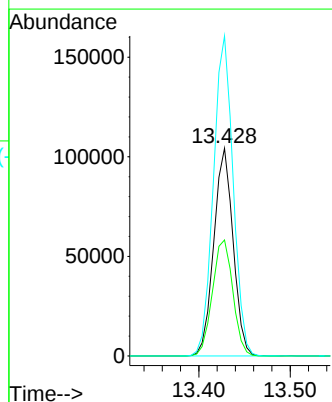
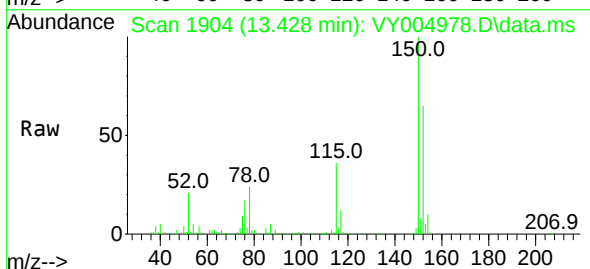
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(18-22)

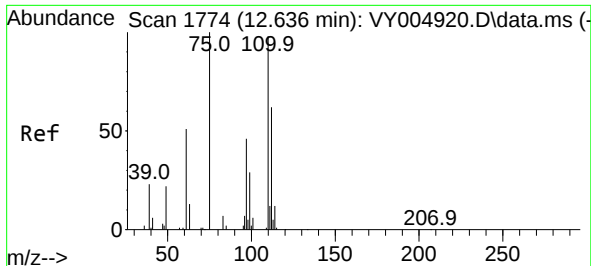
Tgt Ion:117 Resp: 342724
Ion Ratio Lower Upper
117 100
82 55.9 44.8 67.2
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

Tgt Ion:152 Resp: 153226
Ion Ratio Lower Upper
152 100
115 58.9 29.9 89.7
150 156.7 0.0 347.8

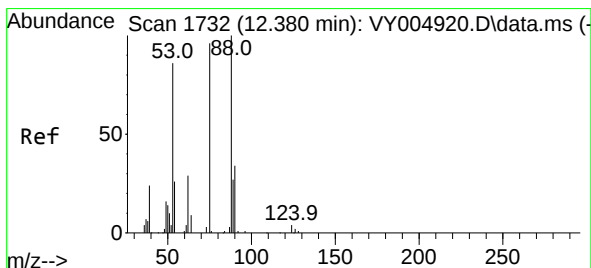
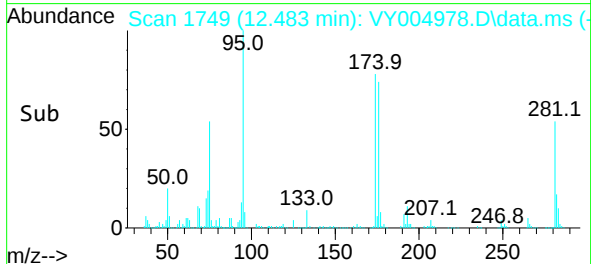
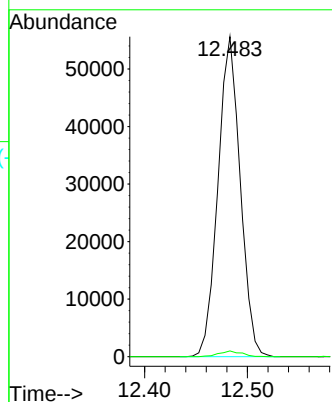
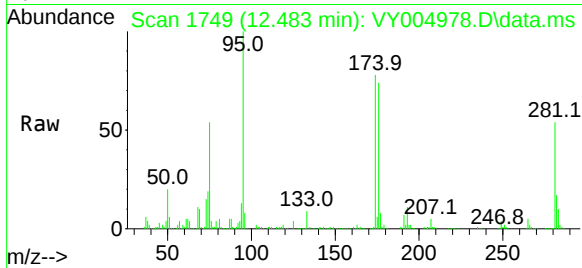




#76
1,2,3-Trichloropropane
Concen: 49.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(18-22)

Tgt Ion: 75 Resp: 83594
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.464 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004978.D
Acq: 04 Jun 2021 20:32

Tgt Ion: 75 Resp: 83594
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 1.7 35.0 52.6#

