

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004964.D
 Acq On : 04 Jun 2021 15:08
 Operator : SY/MD
 Sample : M2613-01
 Misc : 10.81G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(86-90)

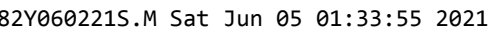
Quant Time: Jun 05 01:33:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

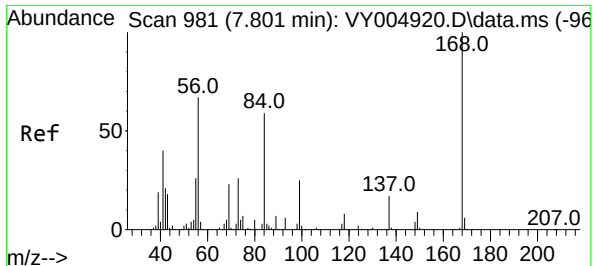
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	193135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	368329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	358259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136277	66.744	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 133.480%		
35) Dibromofluoromethane	7.728	113	113544	57.298	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 114.600%		
50) Toluene-d8	10.185	98	461053	56.020	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 112.040%		
62) 4-Bromofluorobenzene	12.483	95	162485	57.406	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 114.820%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	857	3.650	ug/l #	74
13) Acrolein	3.735	56	333	Below Cal		97
16) Acetone	3.954	43	9689	19.713	ug/l	90
17) Carbon Disulfide	4.204	76	30224	4.952	ug/l	99
20) Methylene Chloride	4.728	84	22310	3.974	ug/l	99
25) 2-Butanone	6.996	43	874	1.057	ug/l	98
31) Cyclohexane	7.795	56	4477	1.245	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	16093	4.464	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19586	6.243	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	2382	1.067	ug/l #	1
59) 2-Hexanone	10.941	43	3040	2.015	ug/l #	37
76) 1,2,3-Trichloropropane	12.483	75	93781	55.199	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	93781	101.443	ug/l #	17

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

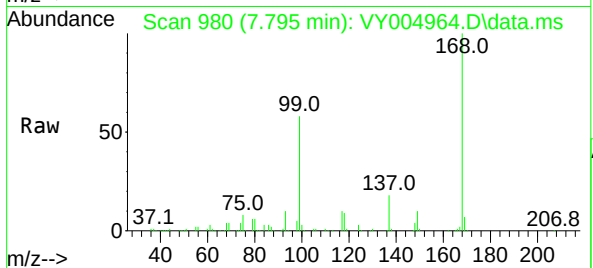
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



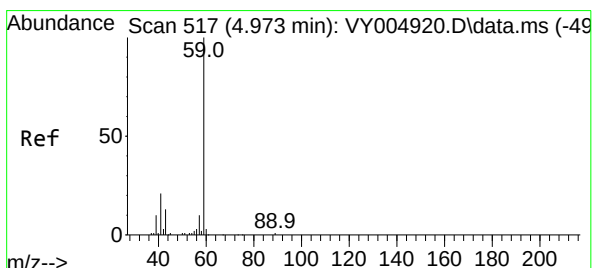
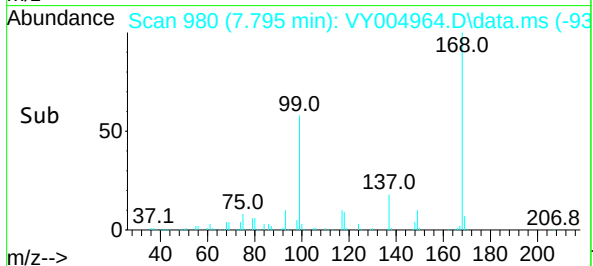
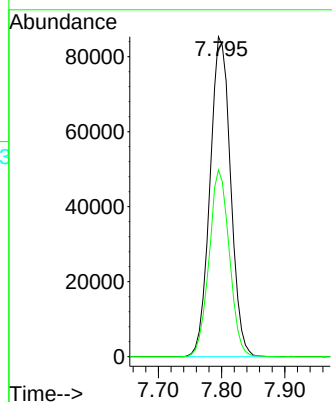


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

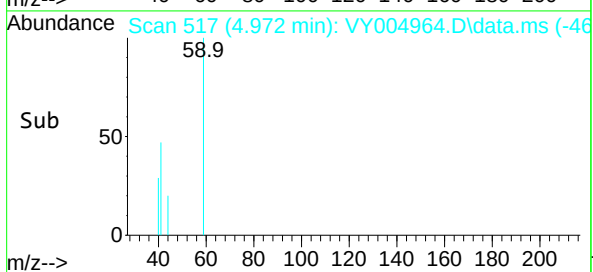
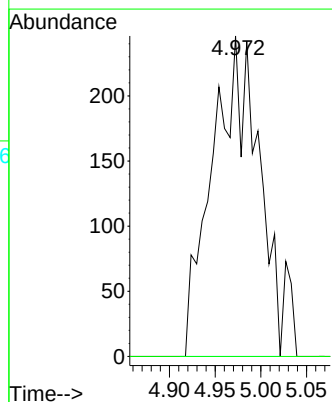
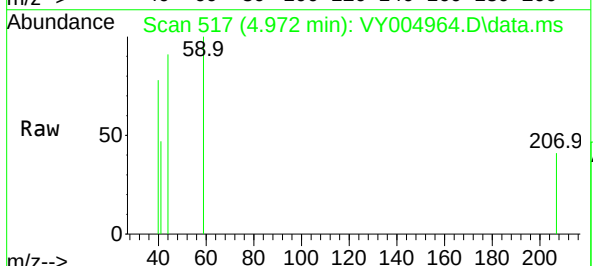


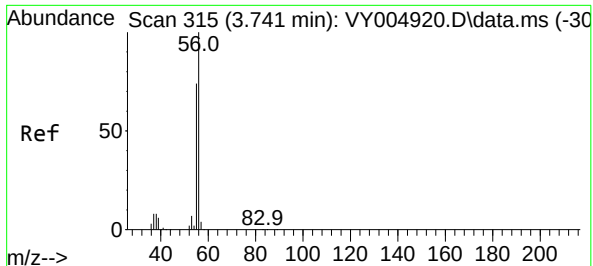
Tgt Ion:168 Resp: 193135
Ion Ratio Lower Upper
168 100
99 58.4 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.650 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

Tgt Ion: 59 Resp: 857
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

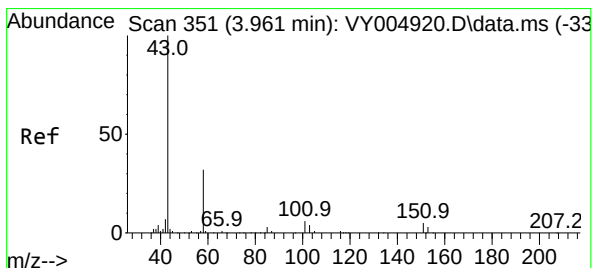
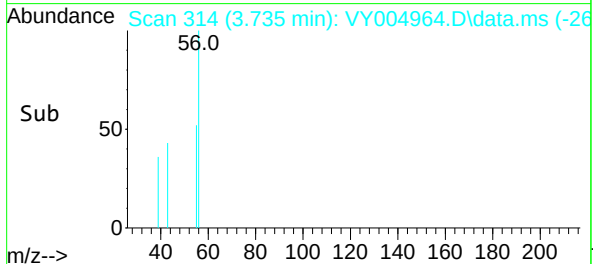
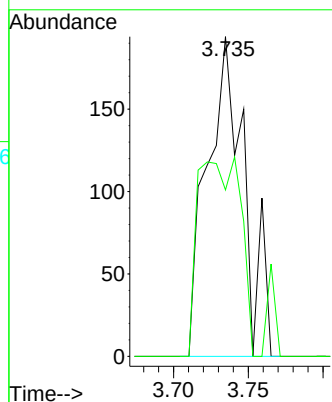
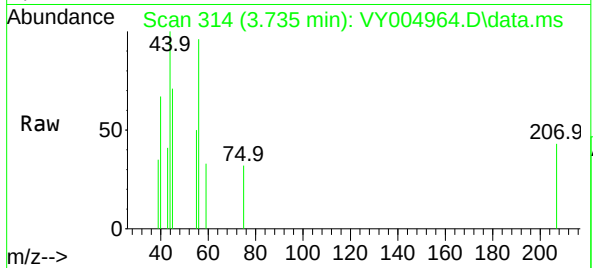




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

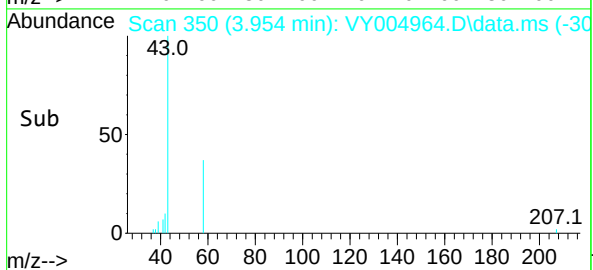
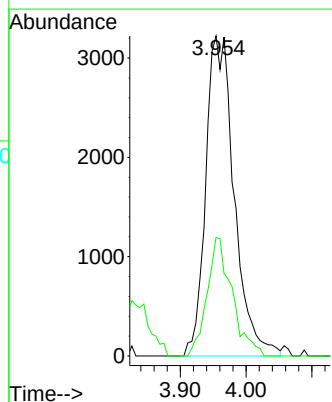
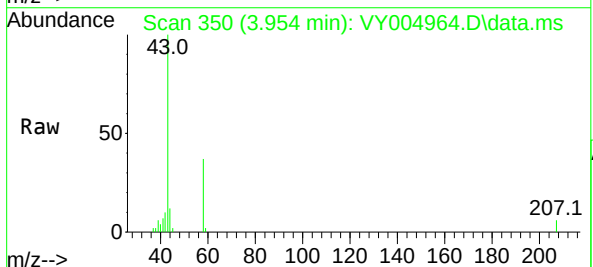
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

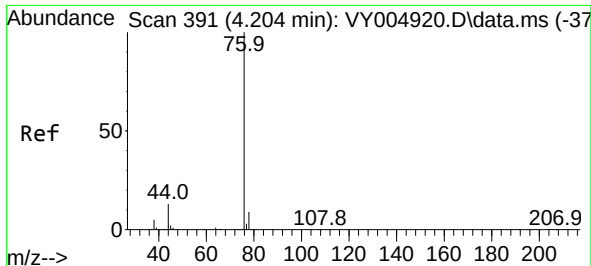
Tgt Ion: 56 Resp: 333
Ion Ratio Lower Upper
56 100
55 71.5 55.4 83.2



#16
Acetone
Concen: 19.713 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

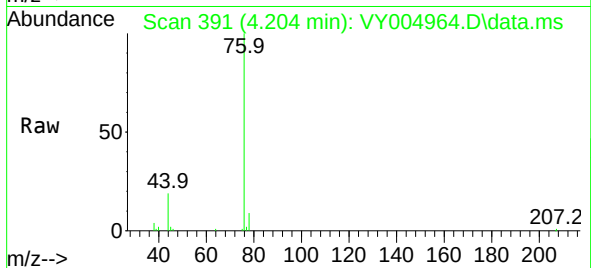
Tgt Ion: 43 Resp: 9689
Ion Ratio Lower Upper
43 100
58 37.0 25.3 37.9



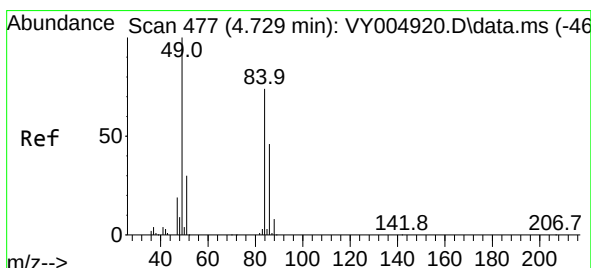
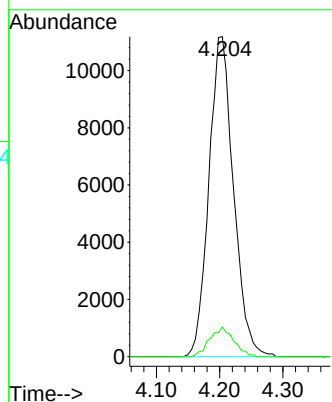
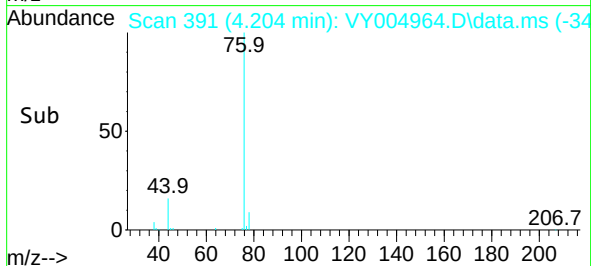


#17
Carbon Disulfide
Concen: 4.952 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

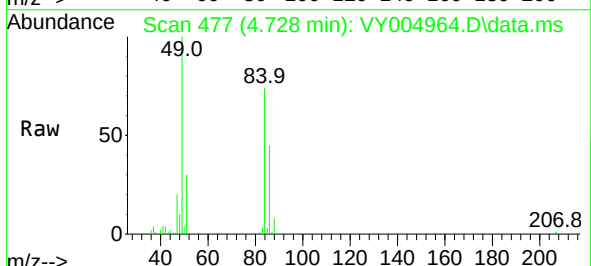
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)



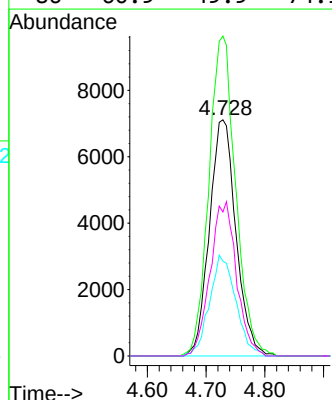
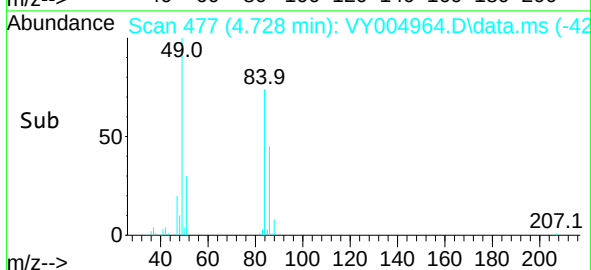
Tgt Ion: 76 Resp: 30224
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

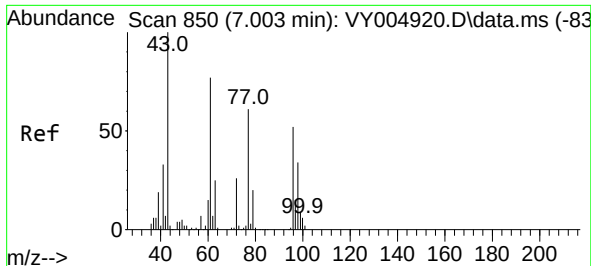


#20
Methylene Chloride
Concen: 3.974 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08



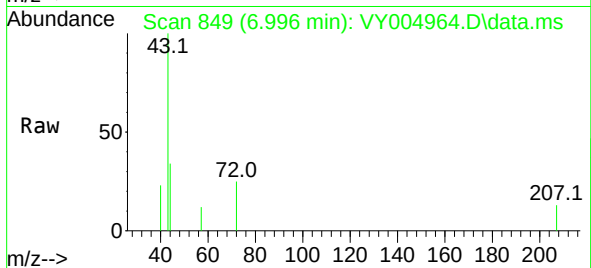
Tgt Ion: 84 Resp: 22310
Ion Ratio Lower Upper
84 100
49 135.5 108.0 162.0
51 40.2 32.6 48.8
86 60.9 49.9 74.9



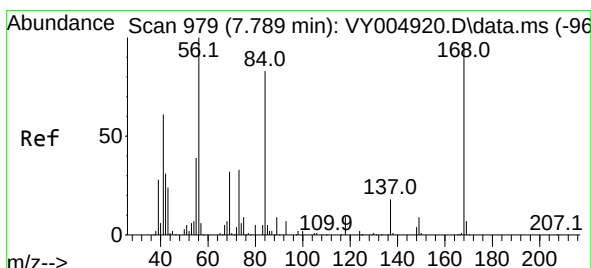
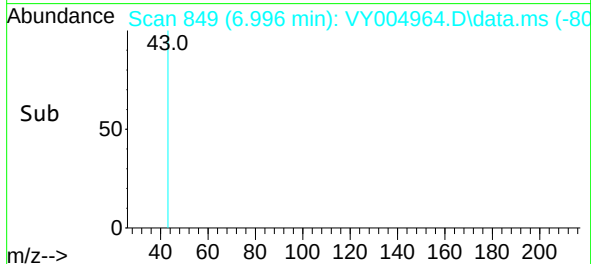
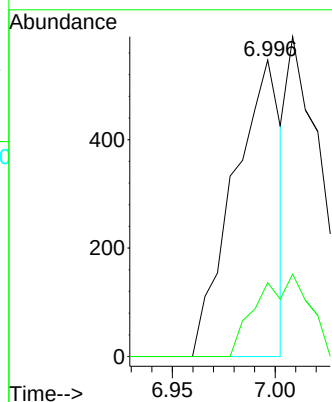


#25
2-Butanone
Concen: 1.057 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

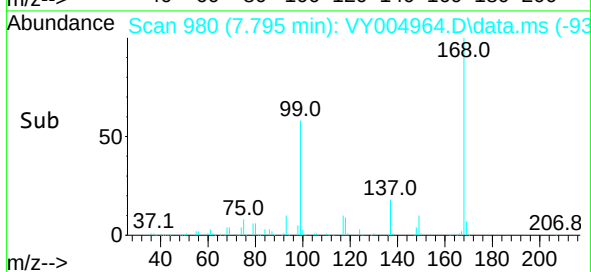
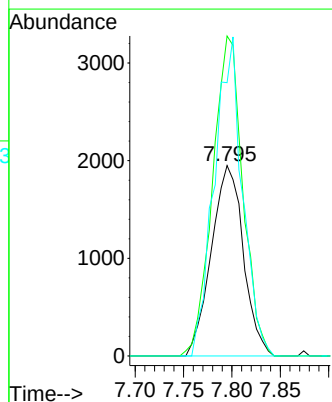
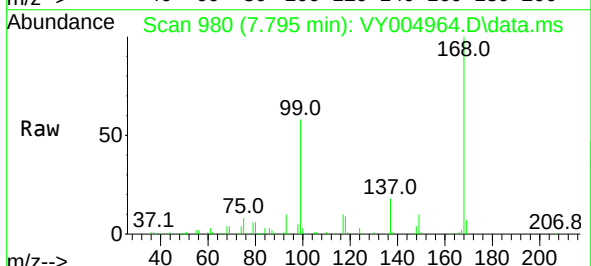


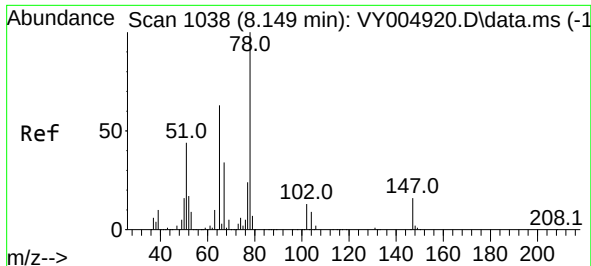
Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
72 24.9 20.6 31.0



#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

Tgt Ion: 56 Resp: 4477
Ion Ratio Lower Upper
56 100
69 168.1 25.3 37.9#
84 143.5 66.2 99.4#

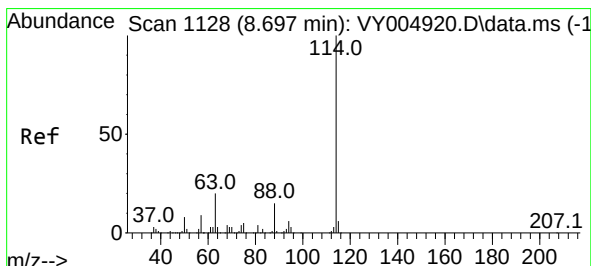
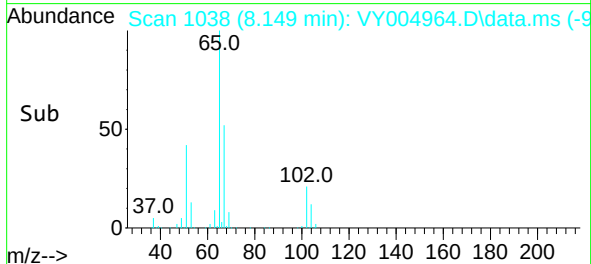
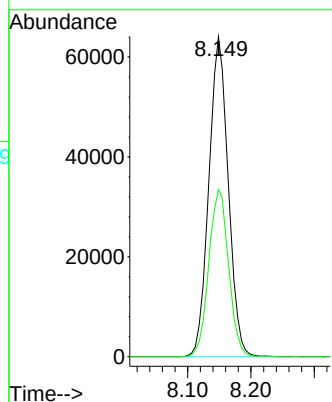
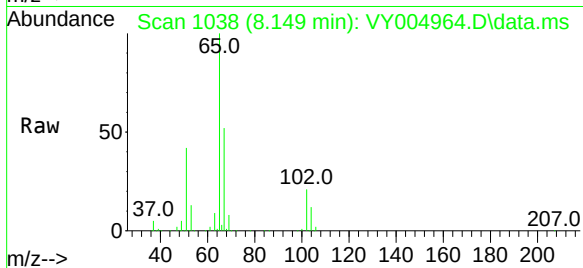




#33
1,2-Dichloroethane-d4
Concen: 66.744 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

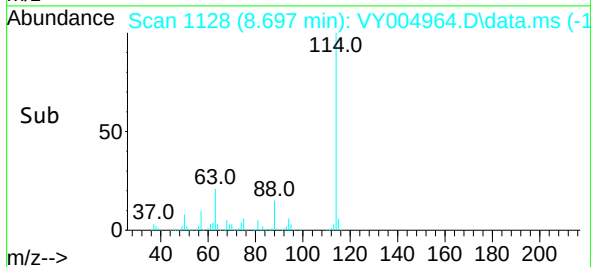
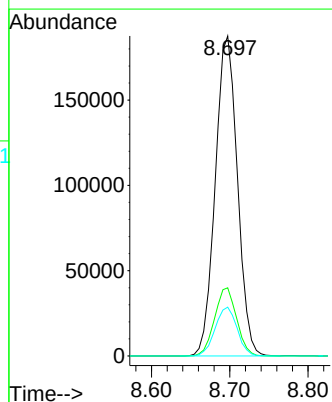
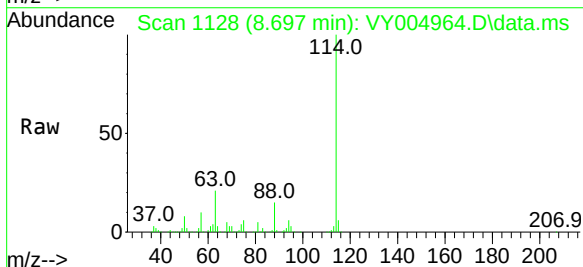
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

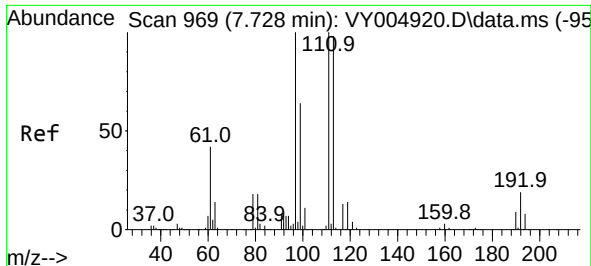
Tgt Ion: 65 Resp: 136277
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

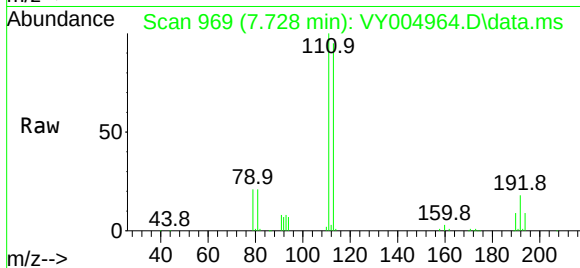
Tgt Ion: 114 Resp: 368329
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.0
88 15.2 0.0 30.6



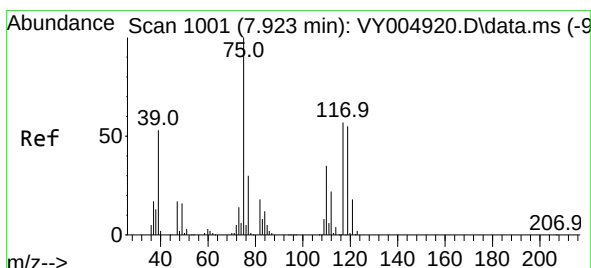
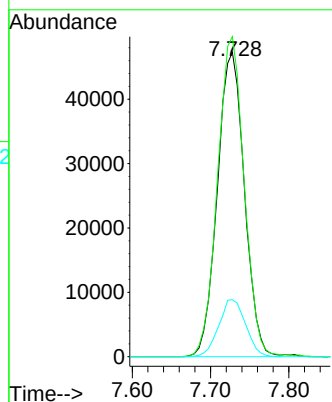
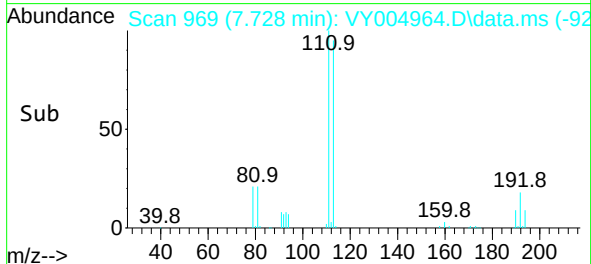


#35
Dibromofluoromethane
Concen: 57.298 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

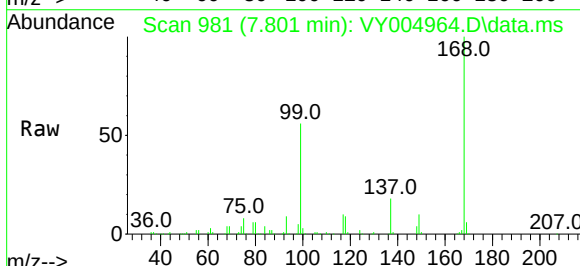
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)



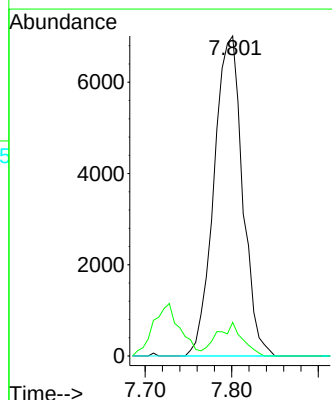
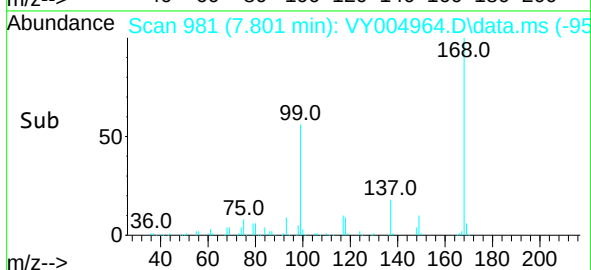
Tgt Ion:113 Resp: 113544
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.8
192 18.6 15.3 22.9

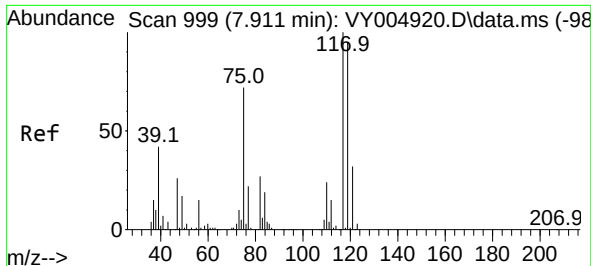


#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08



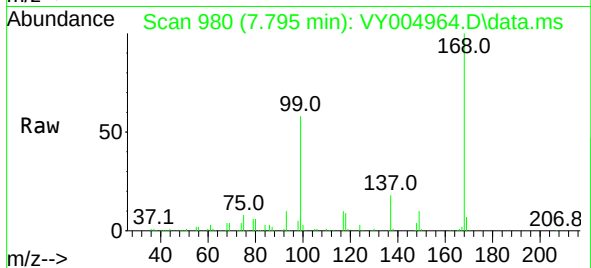
Tgt Ion: 75 Resp: 16093
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 25.1 37.7#



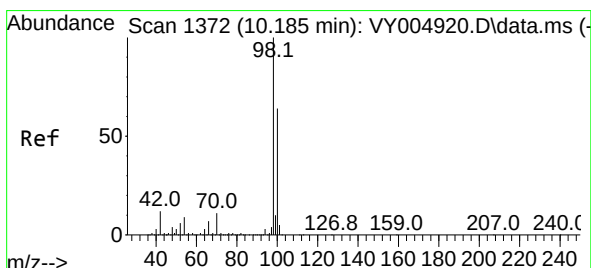
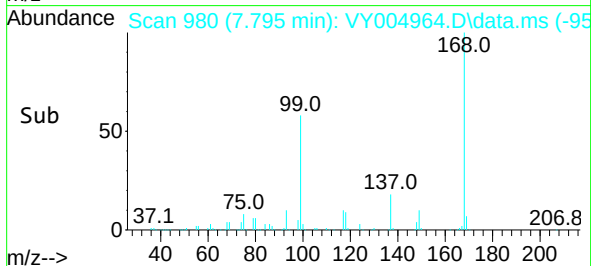
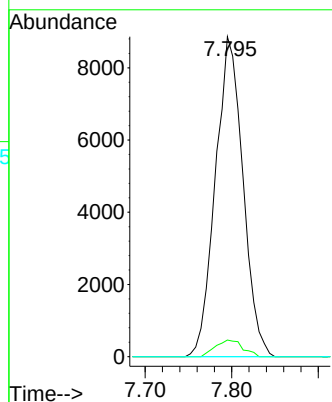


#38
Carbon Tetrachloride
Concen: 6.243 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

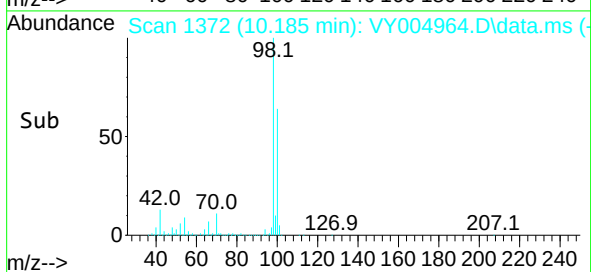
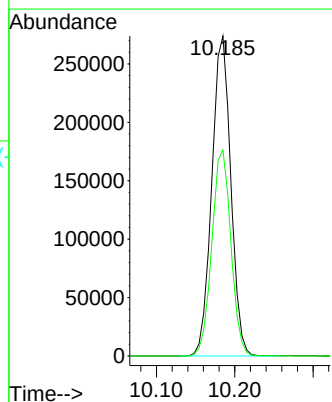
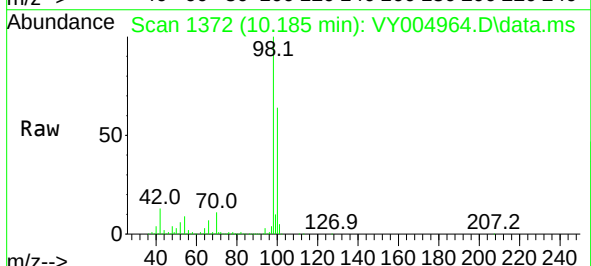


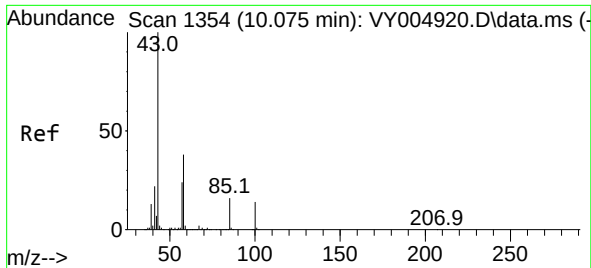
Tgt Ion:117 Resp: 19586
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 56.020 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

Tgt Ion: 98 Resp: 461053
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

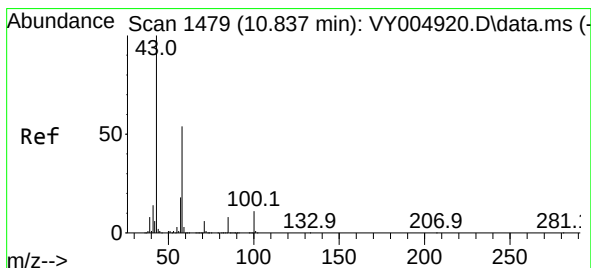
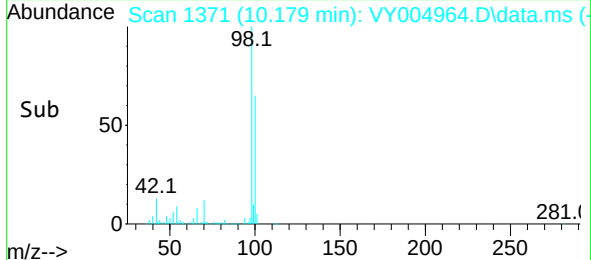
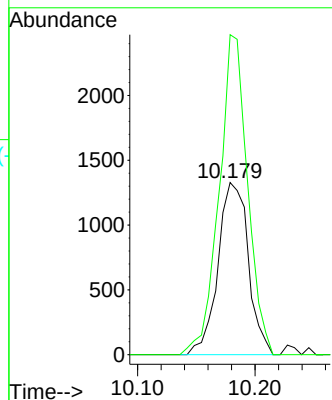
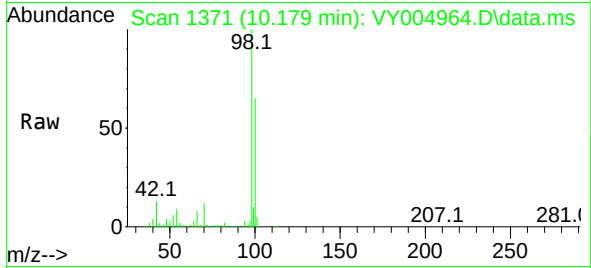




#51
4-Methyl-2-Pentanone
Concen: 1.067 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

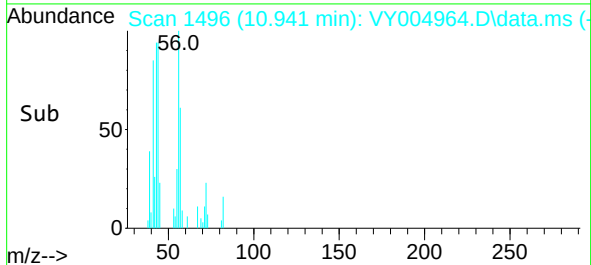
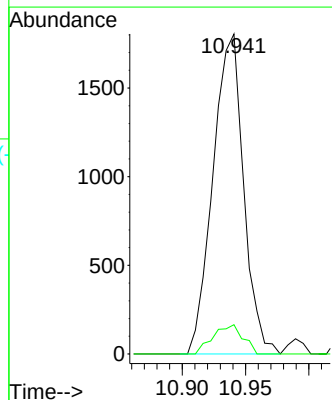
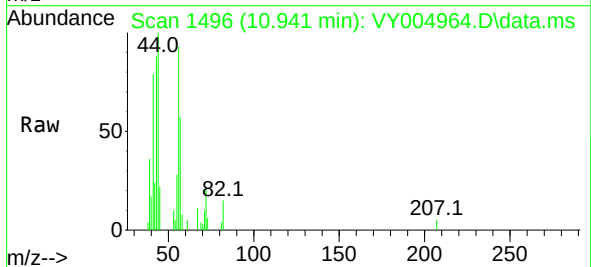
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

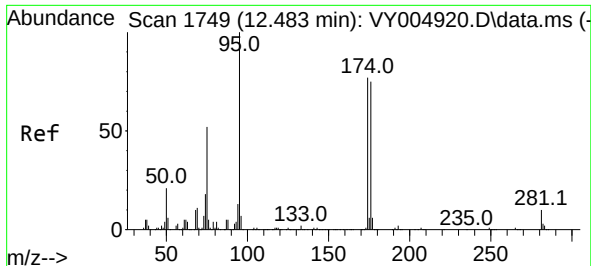
Tgt Ion: 43 Resp: 2382
Ion Ratio Lower Upper
43 100
58 174.5 30.6 46.0#



#59
2-Hexanone
Concen: 2.015 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.103 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

Tgt Ion: 43 Resp: 3040
Ion Ratio Lower Upper
43 100
58 8.9 27.0 80.8#

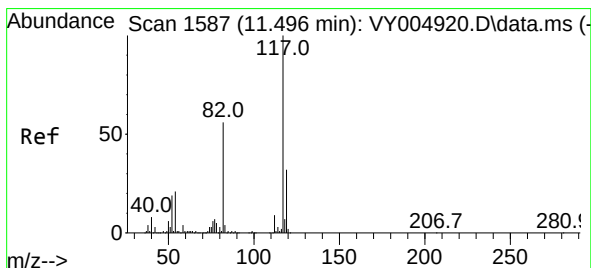
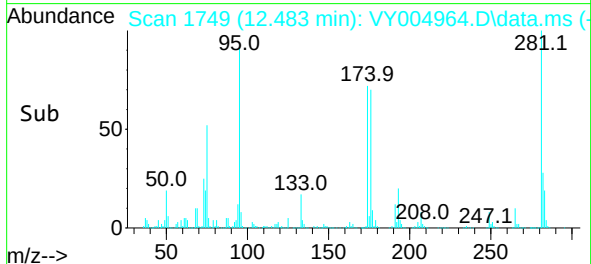
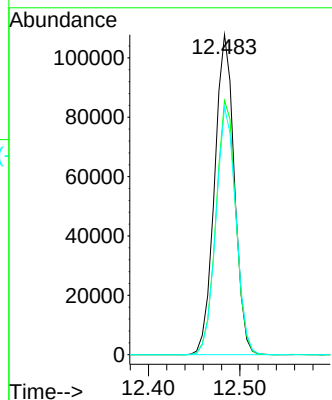
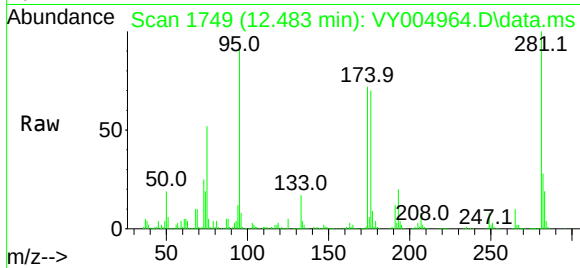




#62
4-Bromofluorobenzene
Concen: 57.406 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

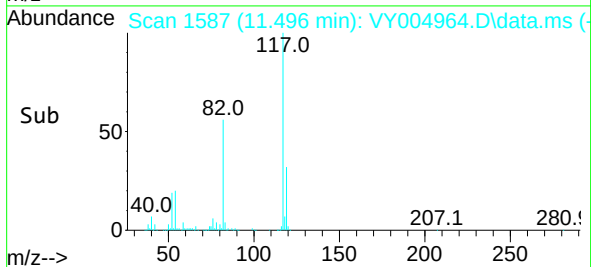
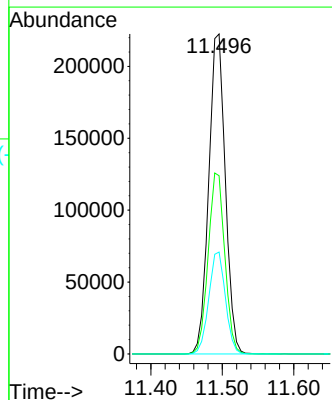
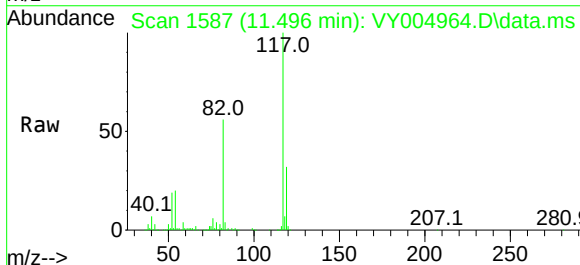
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

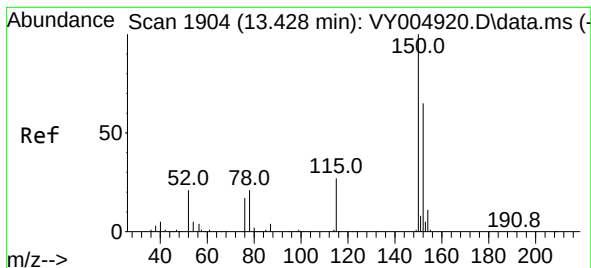
Tgt Ion: 95 Resp: 162485
Ion Ratio Lower Upper
95 100
174 79.8 0.0 160.8
176 78.1 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004964.D
Acq: 04 Jun 2021 15:08

Tgt Ion: 117 Resp: 358259
Ion Ratio Lower Upper
117 100
82 55.7 44.8 67.2
119 31.9 25.2 37.8

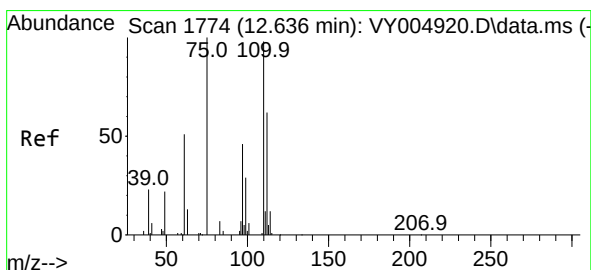
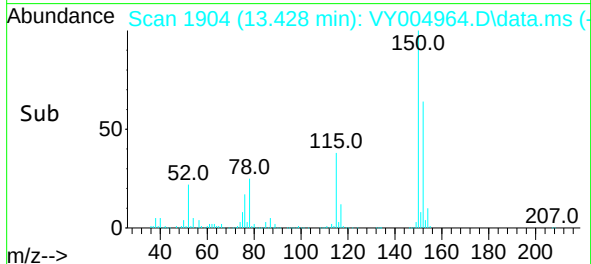
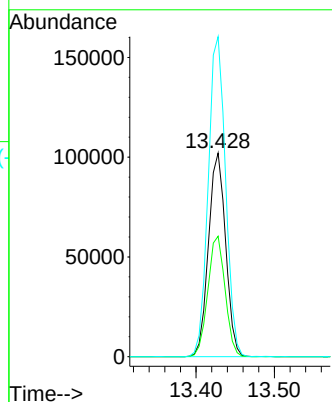
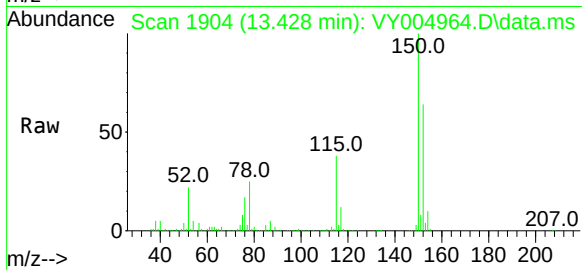




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004964.D
 Acq: 04 Jun 2021 15:08

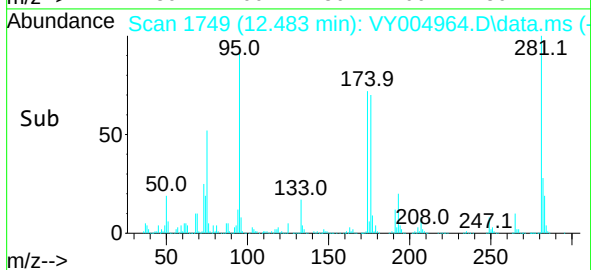
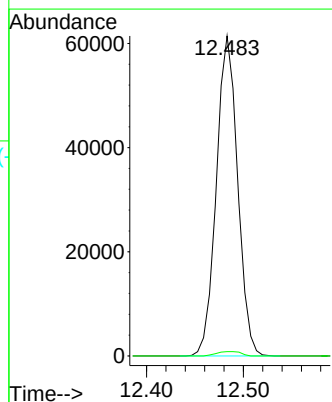
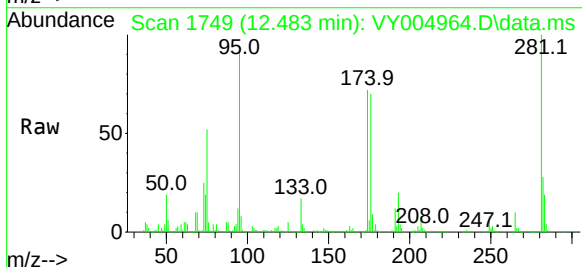
Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(86-90)

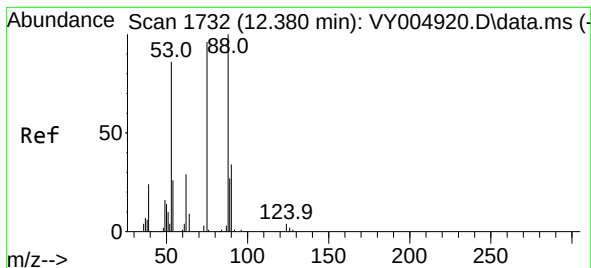
Tgt Ion:152 Resp: 154988
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.9 89.7
 150 158.7 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 55.199 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004964.D
 Acq: 04 Jun 2021 15:08

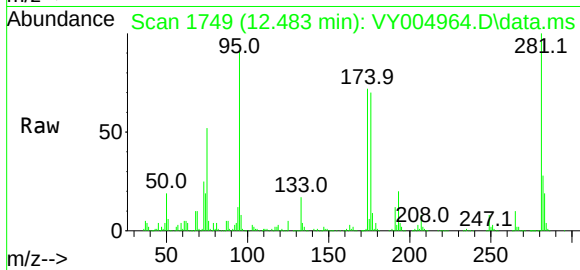
Tgt Ion: 75 Resp: 93781
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.443 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004964.D
 Acq: 04 Jun 2021 15:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(86-90)



Tgt Ion: 75 Resp: 93781
 Ion Ratio Lower Upper
 75 100
 53 0.3 69.3 103.9#
 89 2.8 35.0 52.6#

