

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004963.D
 Acq On : 04 Jun 2021 14:44
 Operator : SY/MD
 Sample : M2613-02
 Misc : 14.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(90-94)

Quant Time: Jun 05 01:33:34 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)

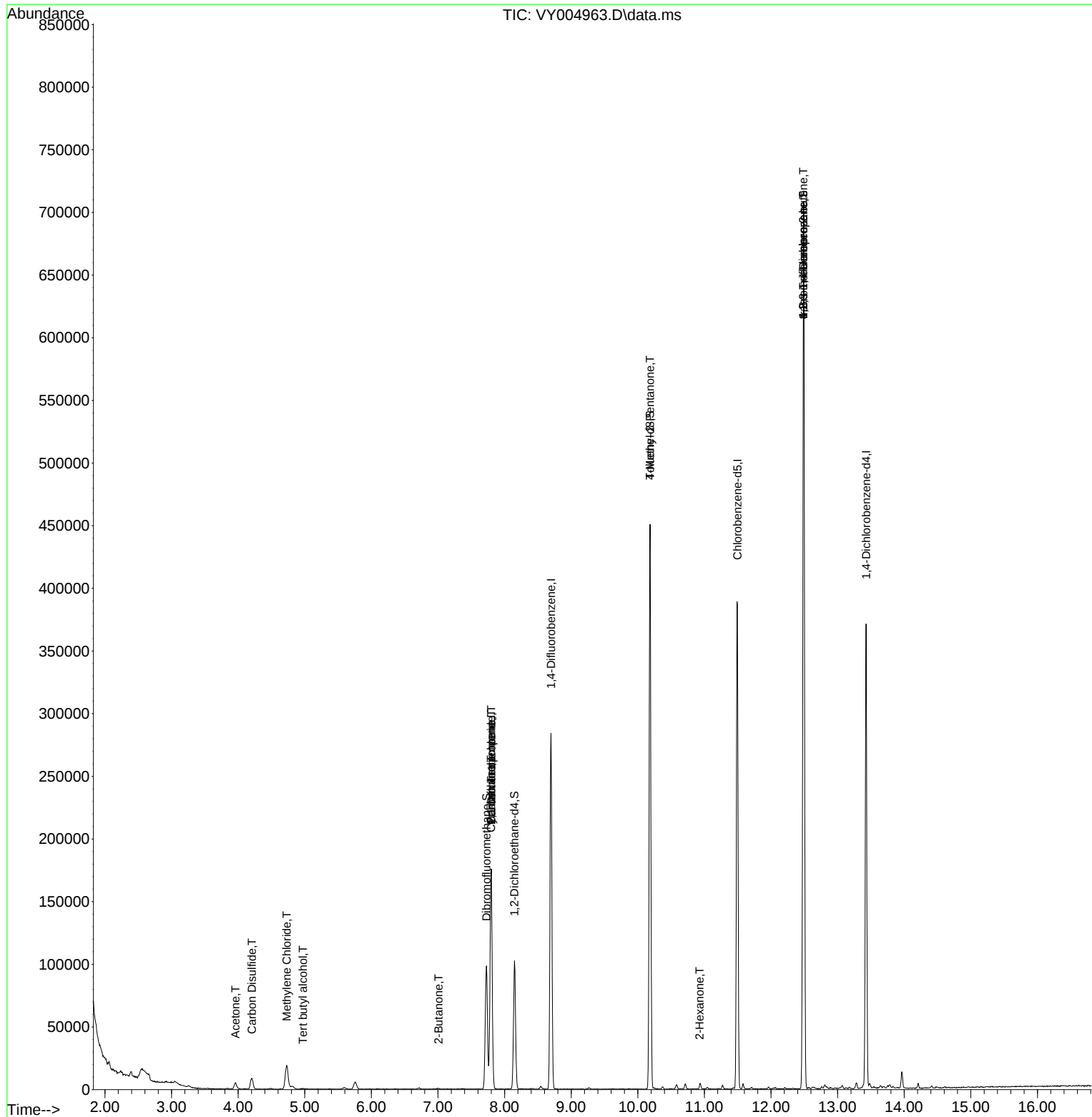
Internal Standards						
1) Pentafluorobenzene	7.801	168	131973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	209832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	76000	54.473	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.940%			
35) Dibromofluoromethane	7.728	113	70283	55.405	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.800%			
50) Toluene-d8	10.184	98	286426	54.367	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.740%			
62) 4-Bromofluorobenzene	12.483	95	90053	49.701	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.400%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.972	59	953	5.940	ug/l #	74
13) Acrolein	3.741	56	28	Below Cal	#	1
16) Acetone	3.960	43	8607	25.627	ug/l	94
17) Carbon Disulfide	4.204	76	17223	4.129	ug/l	95
20) Methylene Chloride	4.728	84	13786	2.950	ug/l	95
25) 2-Butanone	7.008	43	1275	2.258	ug/l #	78
31) Cyclohexane	7.795	56	2927	1.192	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10896	4.722	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13208	6.577	ug/l #	17
51) 4-Methyl-2-Pentanone	10.184	43	1453	1.017	ug/l #	1
59) 2-Hexanone	10.928	43	1325	1.372	ug/l #	30
76) 1,2,3-Trichloropropane	12.483	75	53134	53.502	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53134	98.325	ug/l #	16

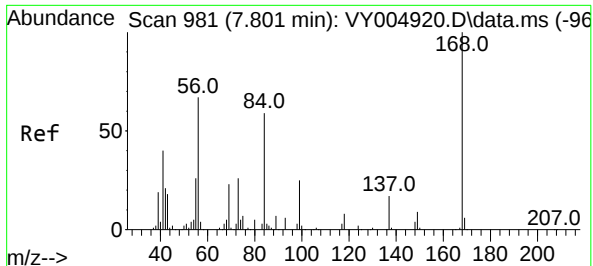
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
Data File : VY004963.D
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ALS Vial : 11 Sample Multiplier: 1

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18-B12(90-94)

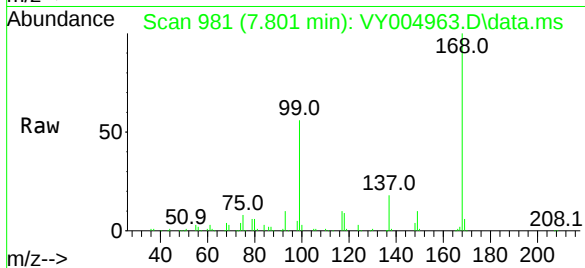
Quant Time: Jun 05 01:33:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



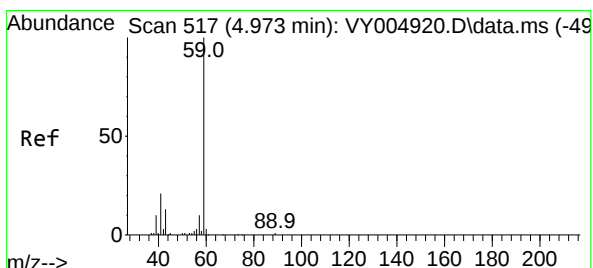
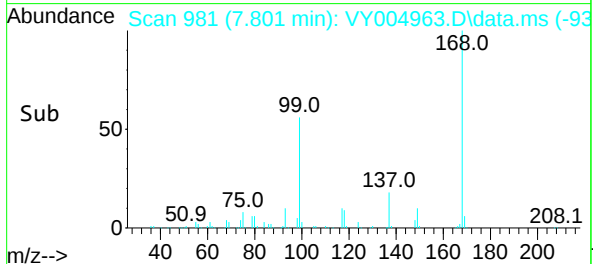
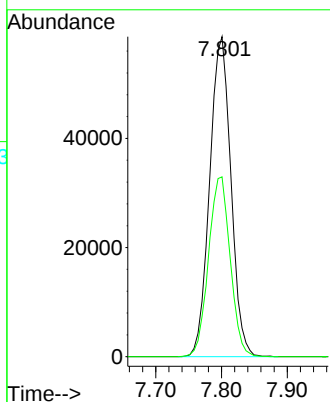


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(90-94)

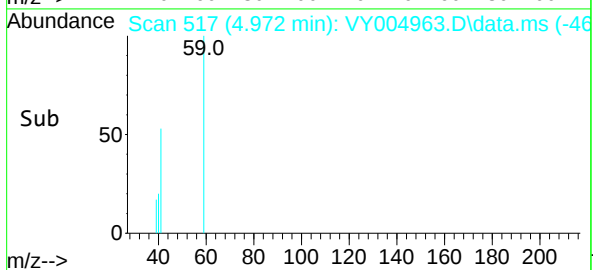
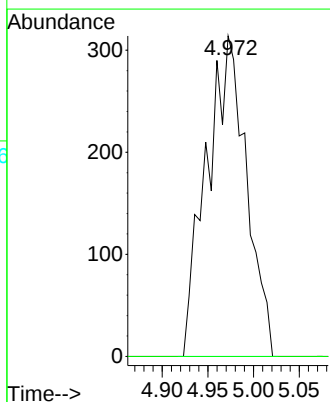
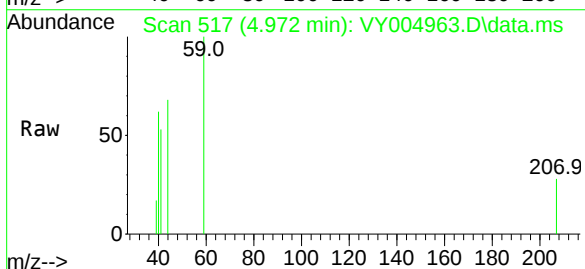


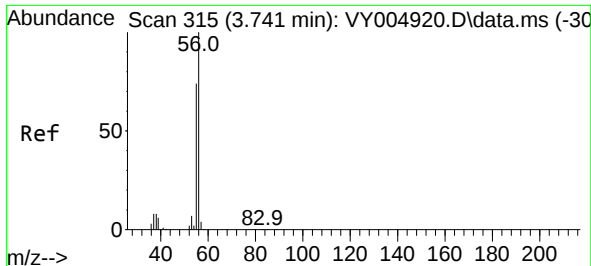
Tgt Ion:168 Resp: 131973
Ion Ratio Lower Upper
168 100
99 56.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 5.940 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

Tgt Ion: 59 Resp: 953
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

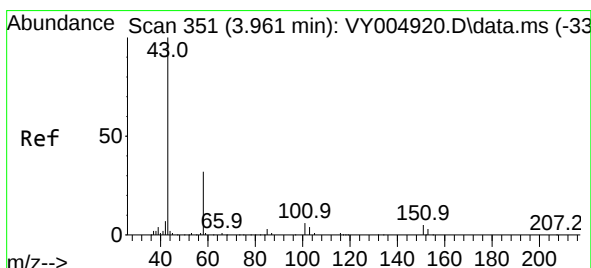
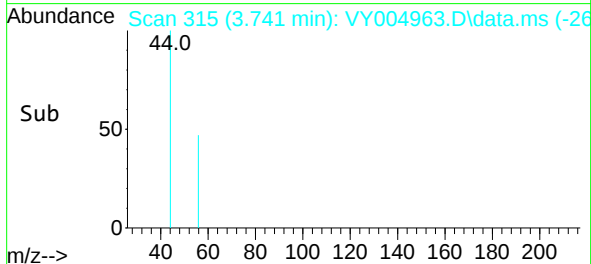
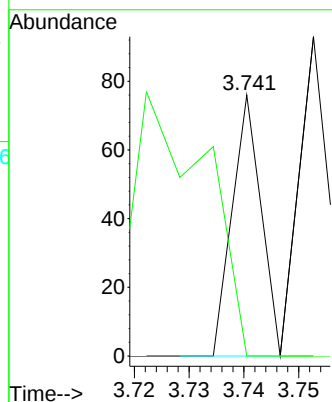
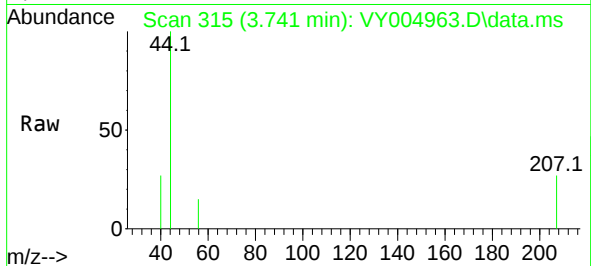




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

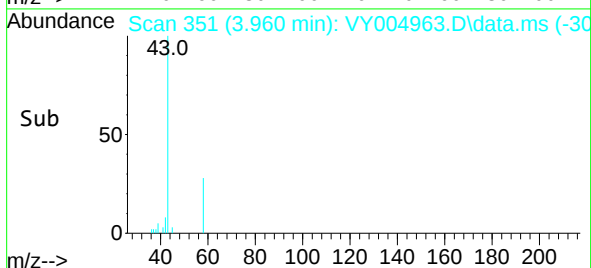
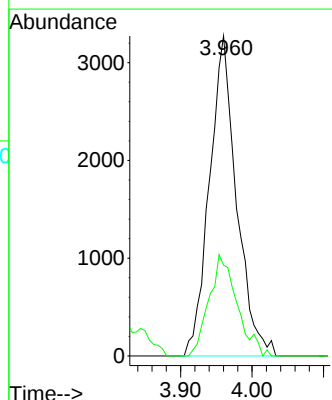
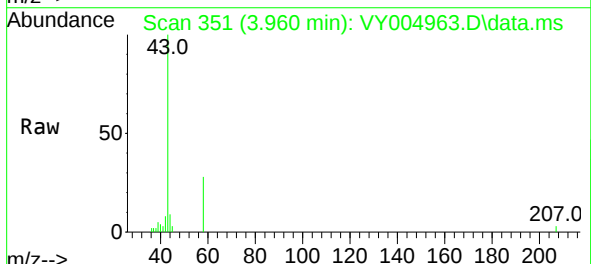
Instrument :
MSVOA_Y
ClientSampled :
18-B12(90-94)

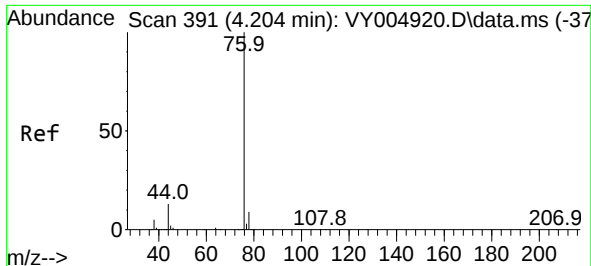
Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 250.0 55.4 83.2#



#16
Acetone
Concen: 25.627 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.001 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

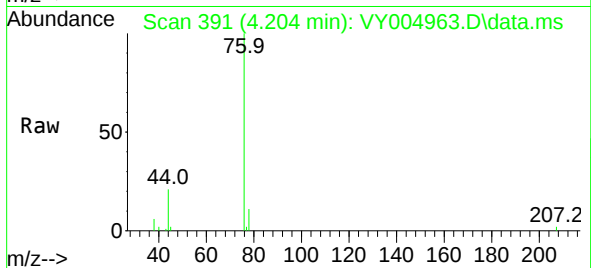
Tgt Ion: 43 Resp: 8607
Ion Ratio Lower Upper
43 100
58 28.4 25.3 37.9



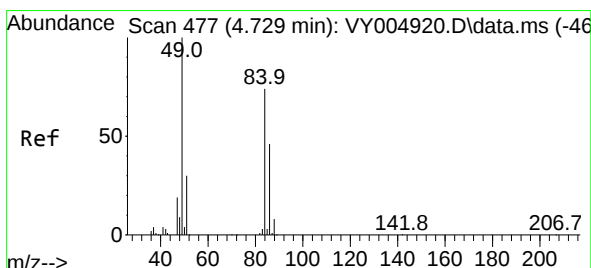
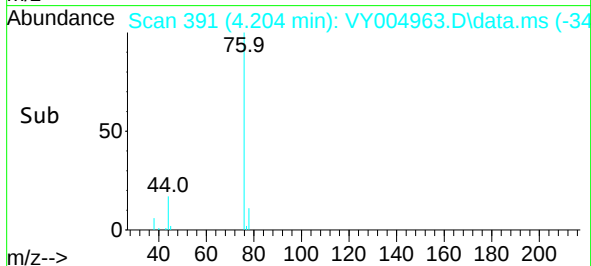
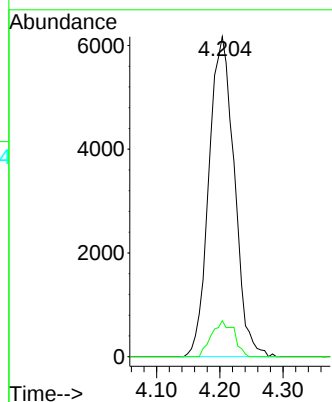


#17
Carbon Disulfide
Concen: 4.129 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(90-94)

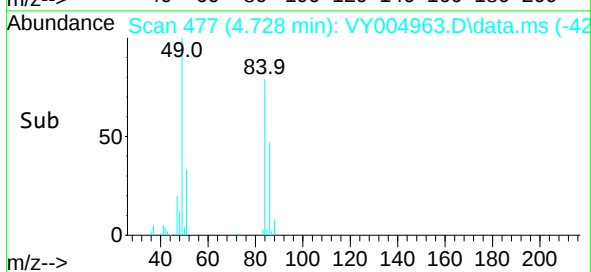
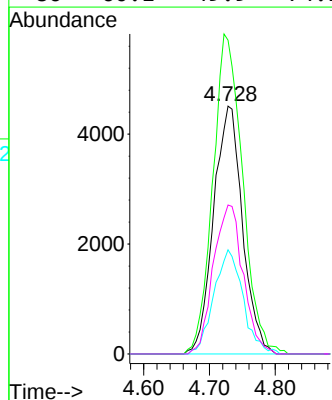
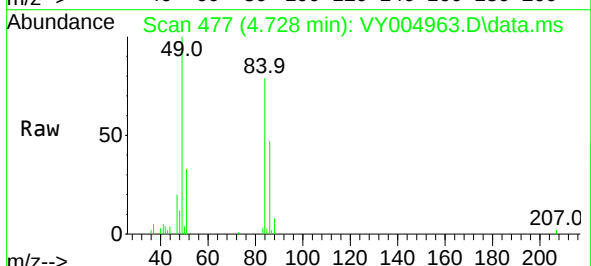


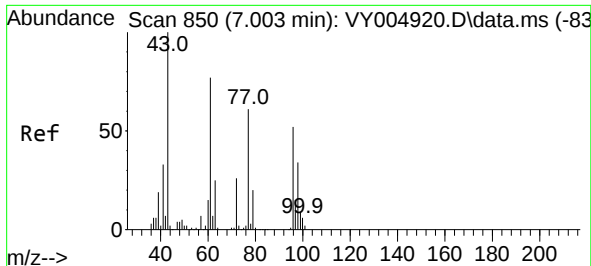
Tgt Ion: 76 Resp: 17223
Ion Ratio Lower Upper
76 100
78 11.3 7.6 11.4



#20
Methylene Chloride
Concen: 2.950 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

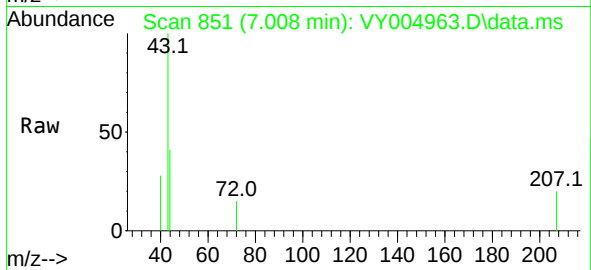
Tgt Ion: 84 Resp: 13786
Ion Ratio Lower Upper
84 100
49 126.6 108.0 162.0
51 42.0 32.6 48.8
86 60.1 49.9 74.9



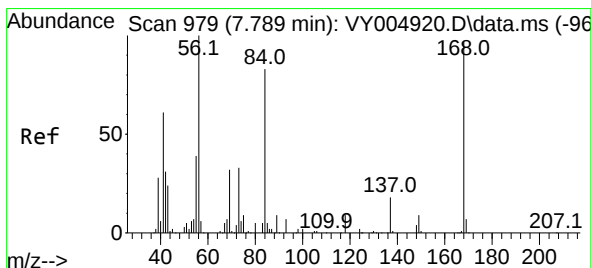
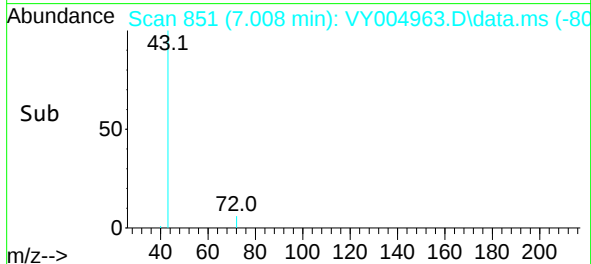
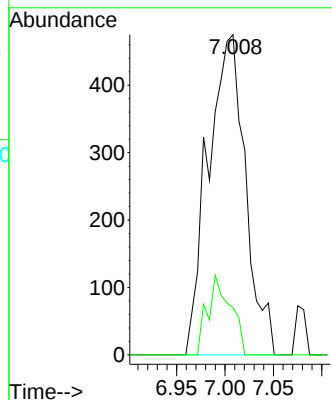


#25
2-Butanone
Concen: 2.258 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

Instrument :
MSVOA_Y
ClientSampled :
18-B12(90-94)

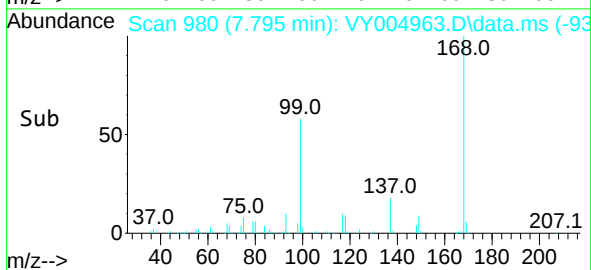
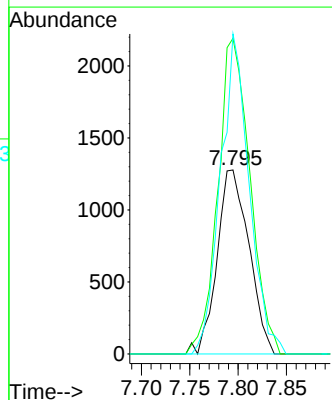
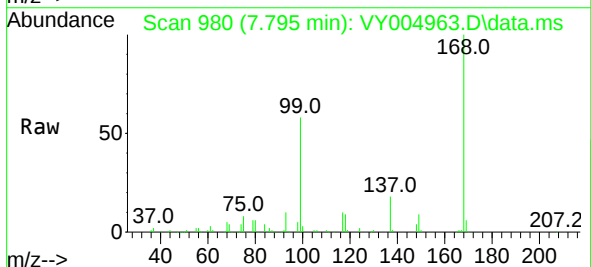


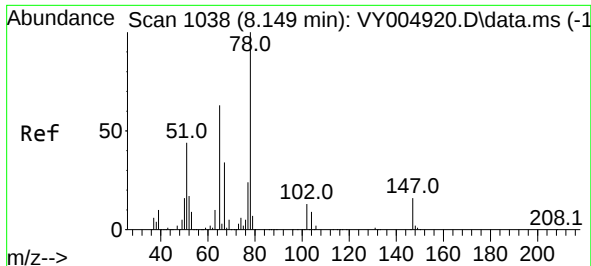
Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
72 14.7 20.6 31.0#



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

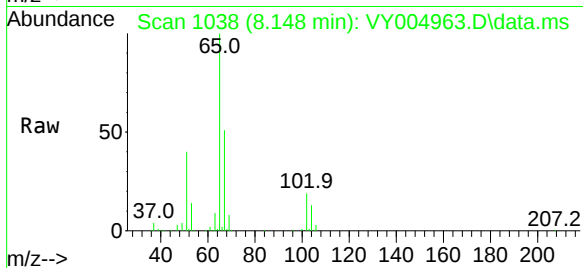
Tgt Ion: 56 Resp: 2927
Ion Ratio Lower Upper
56 100
69 171.7 25.3 37.9#
84 174.0 66.2 99.4#



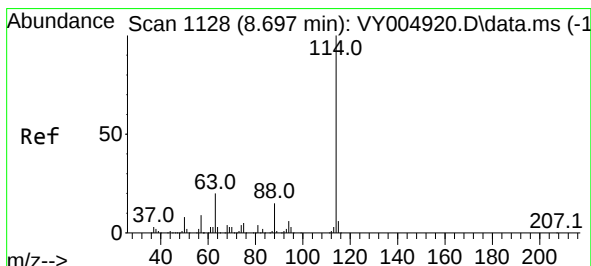
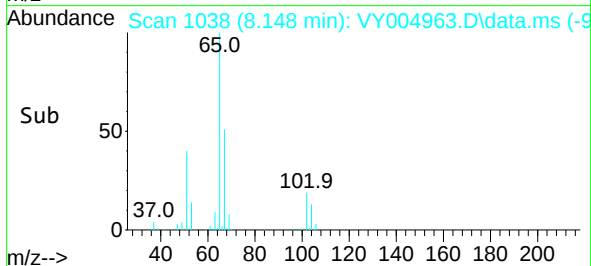
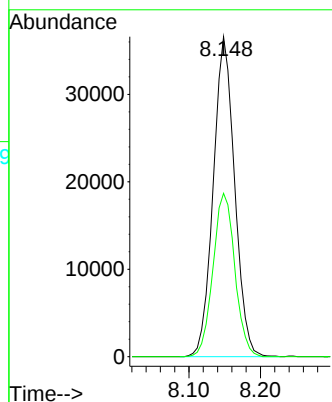


#33
 1,2-Dichloroethane-d4
 Concen: 54.473 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.001 min
 Lab File: VY004963.D
 Acq: 04 Jun 2021 14:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(90-94)

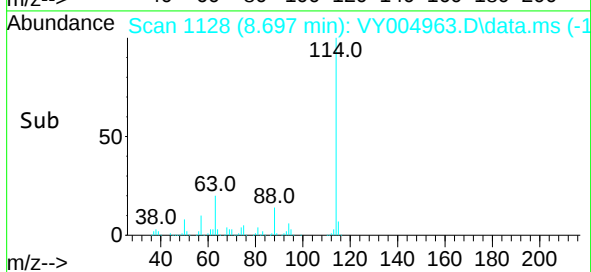
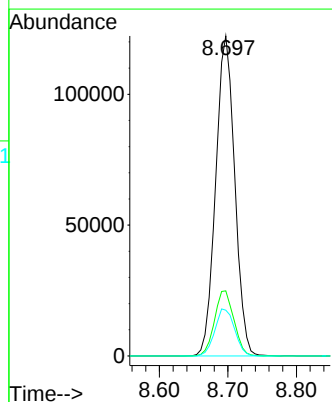
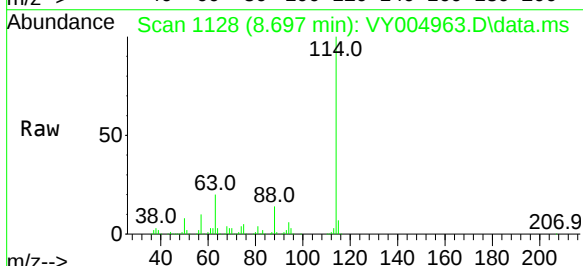


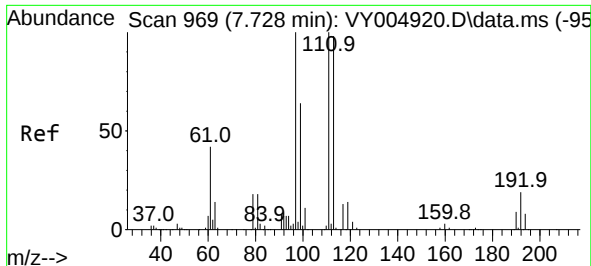
Tgt Ion: 65 Resp: 76000
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.001 min
 Lab File: VY004963.D
 Acq: 04 Jun 2021 14:44

Tgt Ion: 114 Resp: 235782
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.0
 88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.405 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.001 min

Lab File: VY004963.D

Acq: 04 Jun 2021 14:44

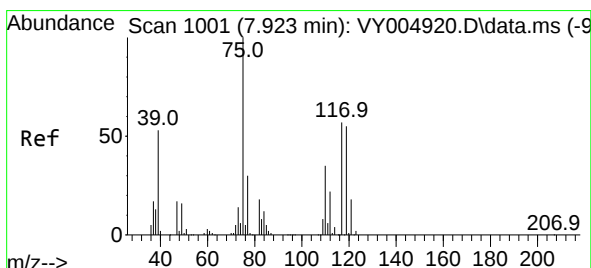
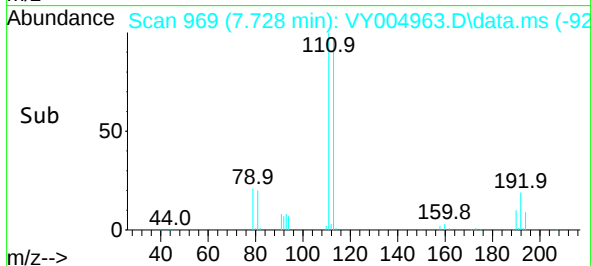
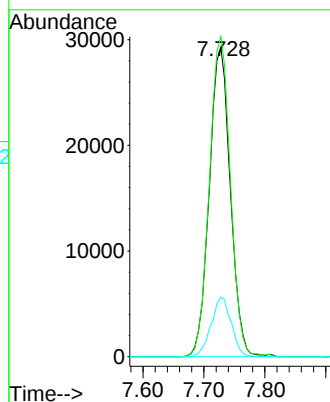
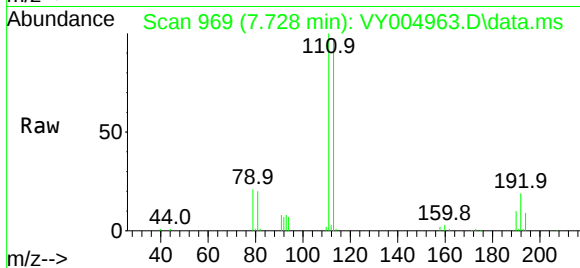
Tgt Ion: 113 Resp: 70283

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

192 18.3 15.3 22.9



#36

1,1-Dichloropropene

Concen: 4.722 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY004963.D

Acq: 04 Jun 2021 14:44

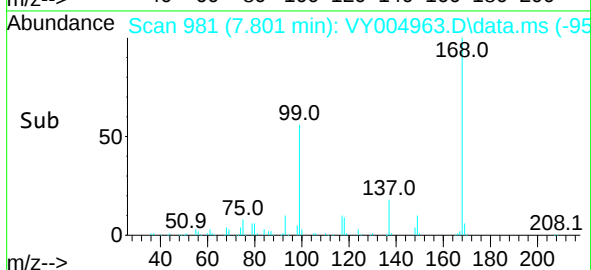
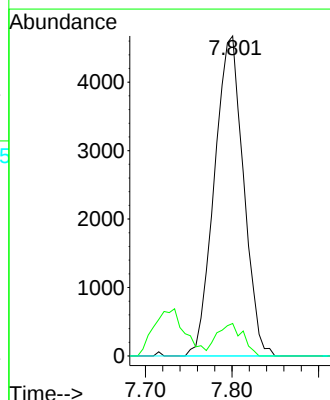
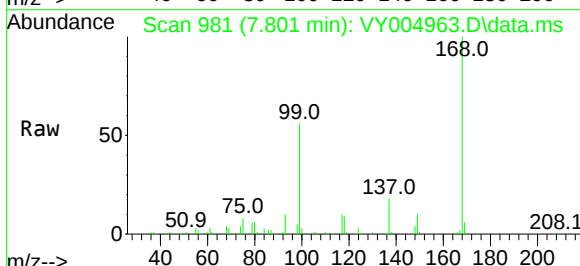
Tgt Ion: 75 Resp: 10896

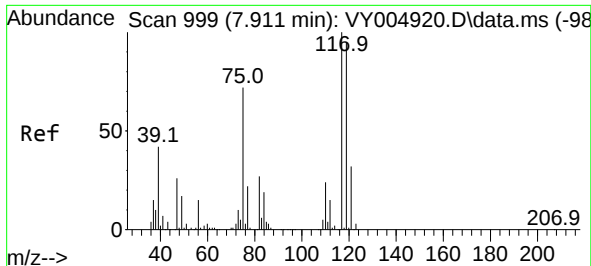
Ion Ratio Lower Upper

75 100

110 9.1 17.5 52.5#

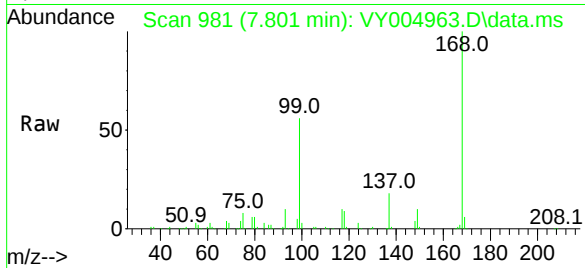
77 0.0 25.1 37.7#



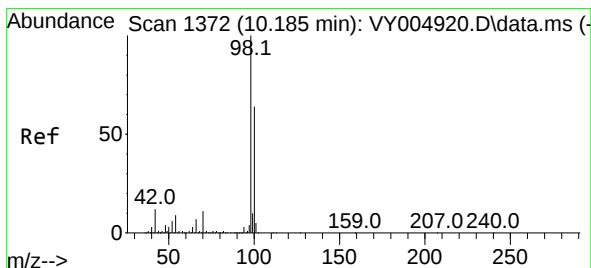
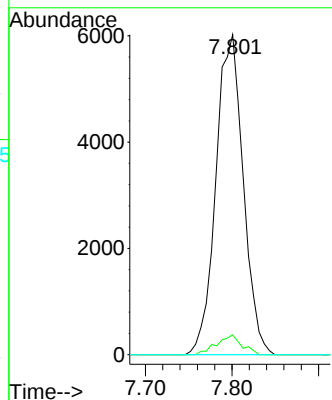
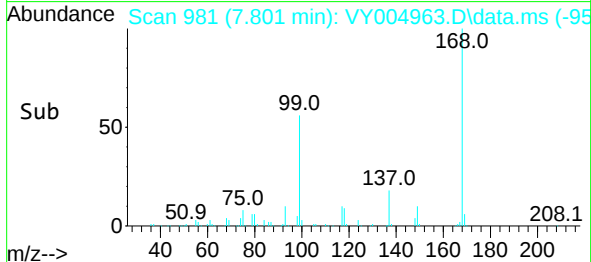


#38
Carbon Tetrachloride
Concen: 6.577 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

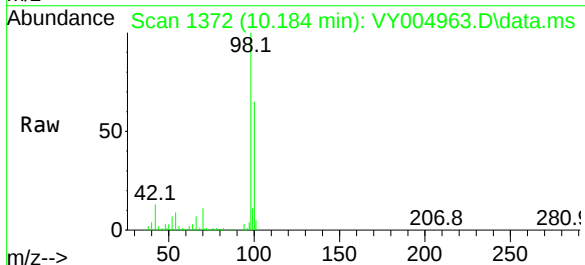
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(90-94)



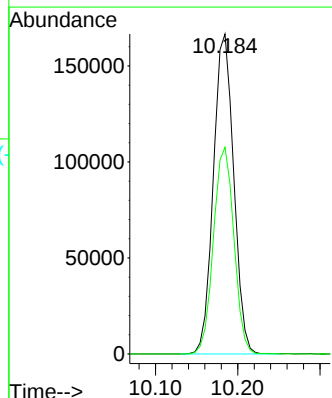
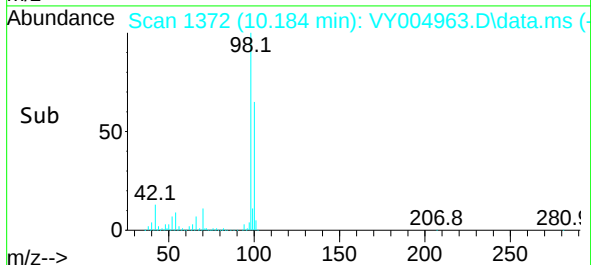
Tgt Ion:117 Resp: 13208
Ion Ratio Lower Upper
117 100
119 6.2 76.1 114.1#
121 0.0 25.5 38.3#

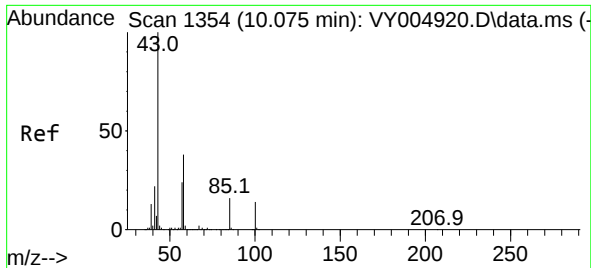


#50
Toluene-d8
Concen: 54.367 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.001 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44



Tgt Ion: 98 Resp: 286426
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

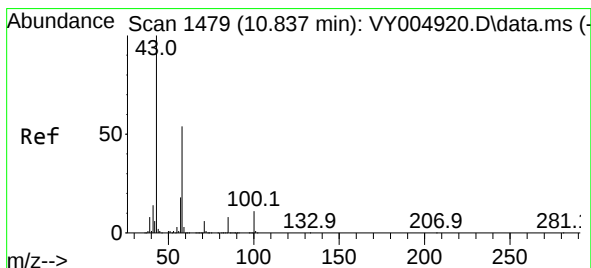
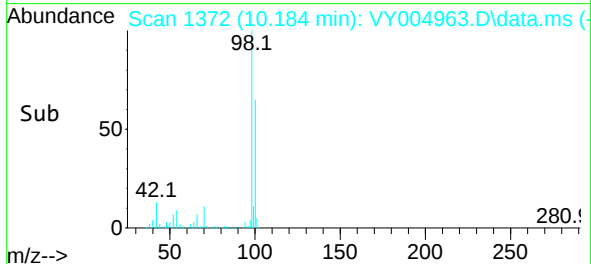
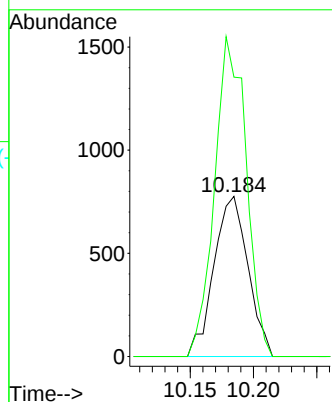
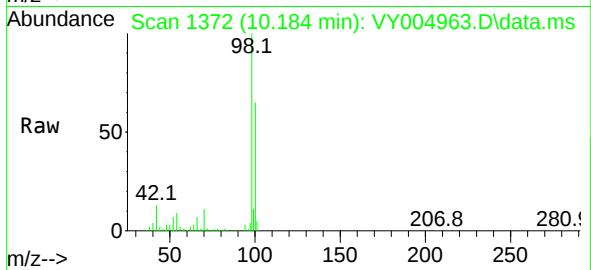




#51
4-Methyl-2-Pentanone
Concen: 1.017 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. 0.109 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

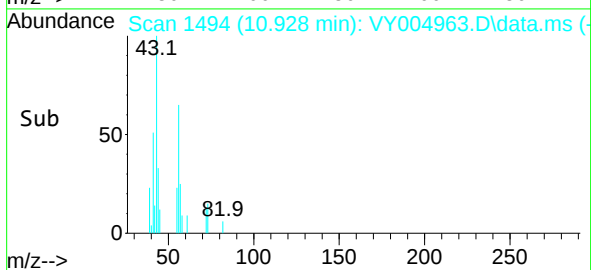
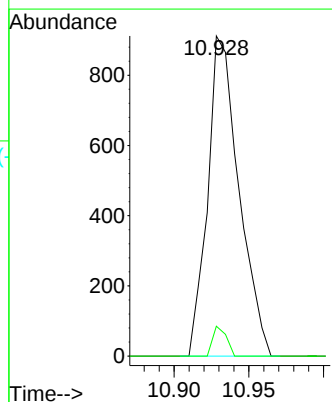
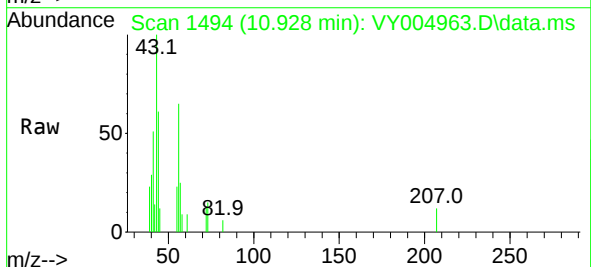
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(90-94)

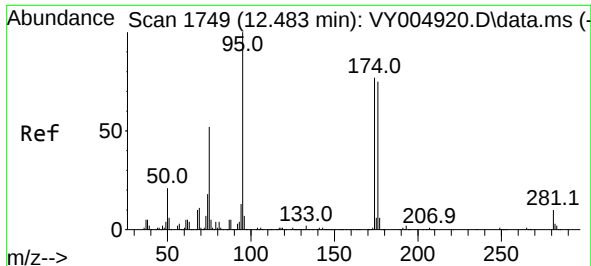
Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
58 185.8 30.6 46.0#



#59
2-Hexanone
Concen: 1.372 ug/l
RT: 10.928 min Scan# 1494
Delta R.T. 0.091 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
58 4.1 27.0 80.8#

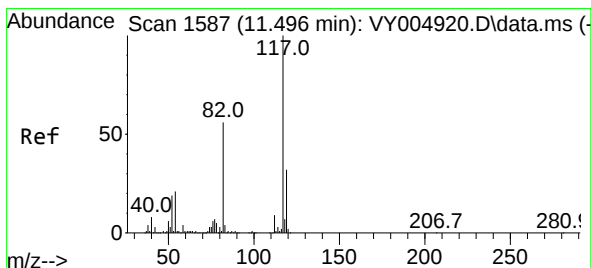
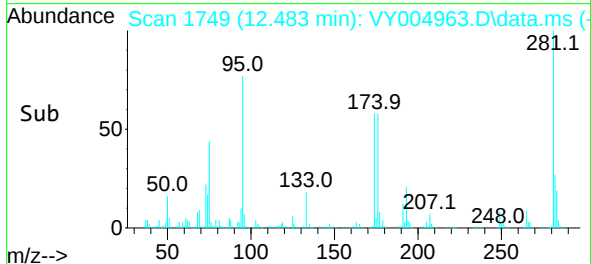
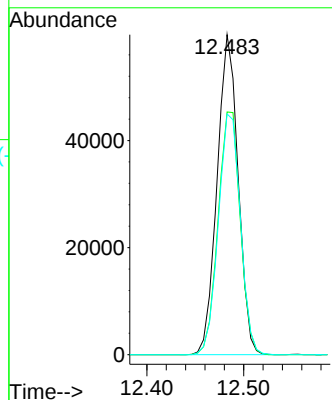
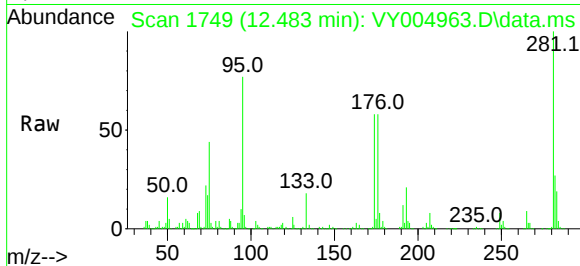




#62
4-Bromofluorobenzene
Concen: 49.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

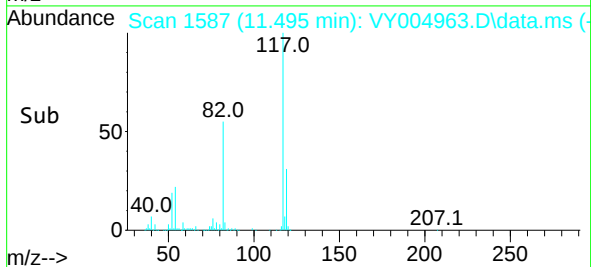
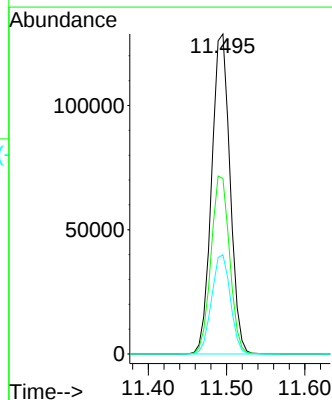
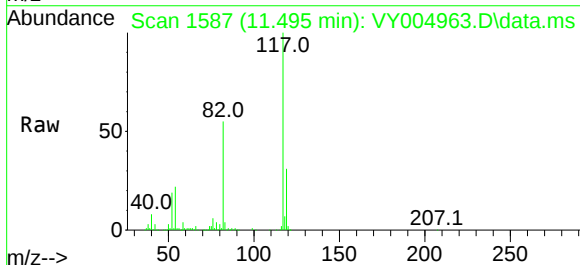
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(90-94)

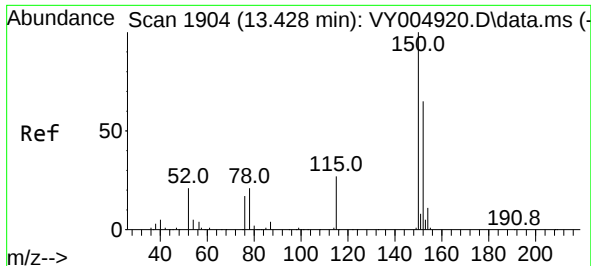
Tgt Ion: 95 Resp: 90053
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.8
176 78.9 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

Tgt Ion: 117 Resp: 209832
Ion Ratio Lower Upper
117 100
82 54.8 44.8 67.2
119 31.0 25.2 37.8

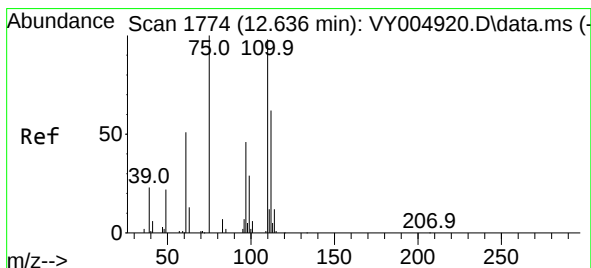
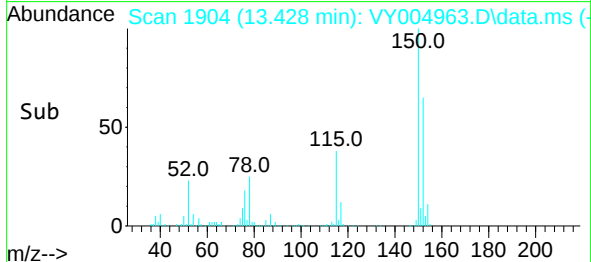
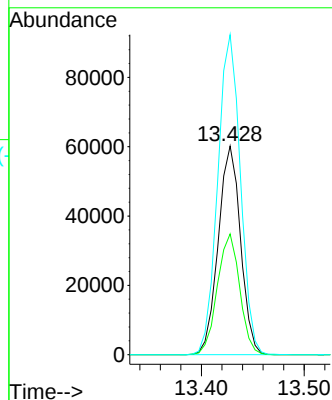
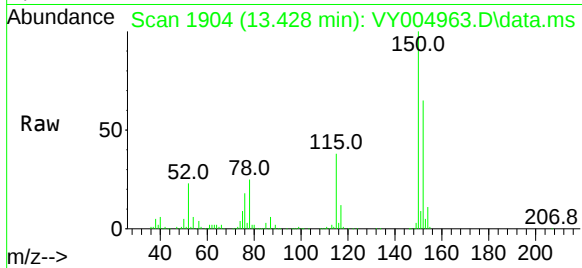




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.001 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

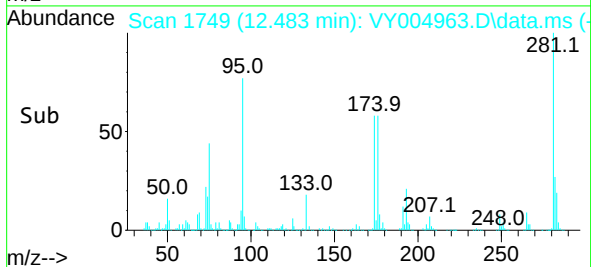
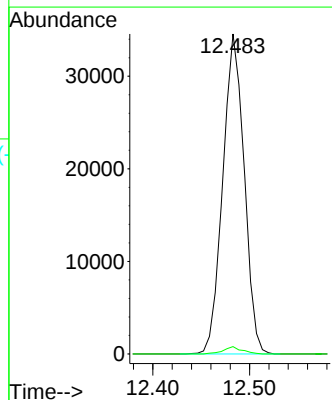
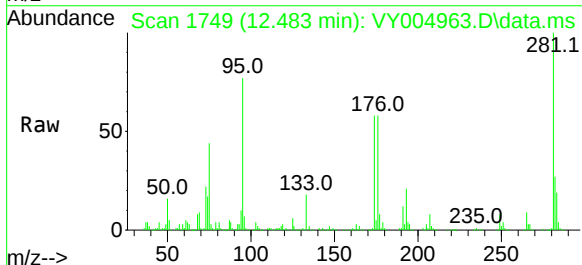
Instrument :
MSVOA_Y
ClientSampled :
18-B12(90-94)

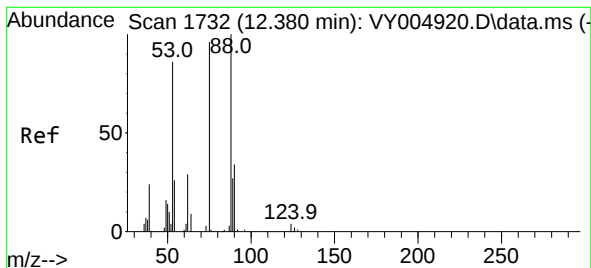
Tgt Ion:152 Resp: 90597
Ion Ratio Lower Upper
152 100
115 58.0 29.9 89.7
150 155.9 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 53.502 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

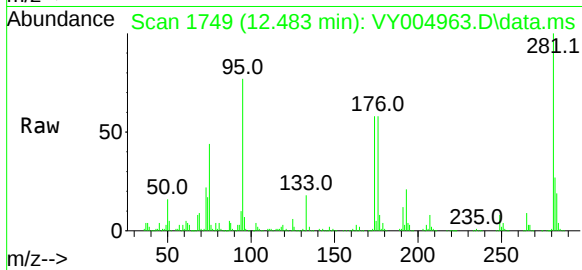
Tgt Ion: 75 Resp: 53134
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.325 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004963.D
Acq: 04 Jun 2021 14:44

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(90-94)



Tgt Ion: 75 Resp: 53134
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 3.1 35.0 52.6#

