

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004966.D
 Acq On : 04 Jun 2021 15:54
 Operator : SY/MD
 Sample : M2613-05
 Misc : 10.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(102-106)

Quant Time: Jun 05 01:34:17 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)

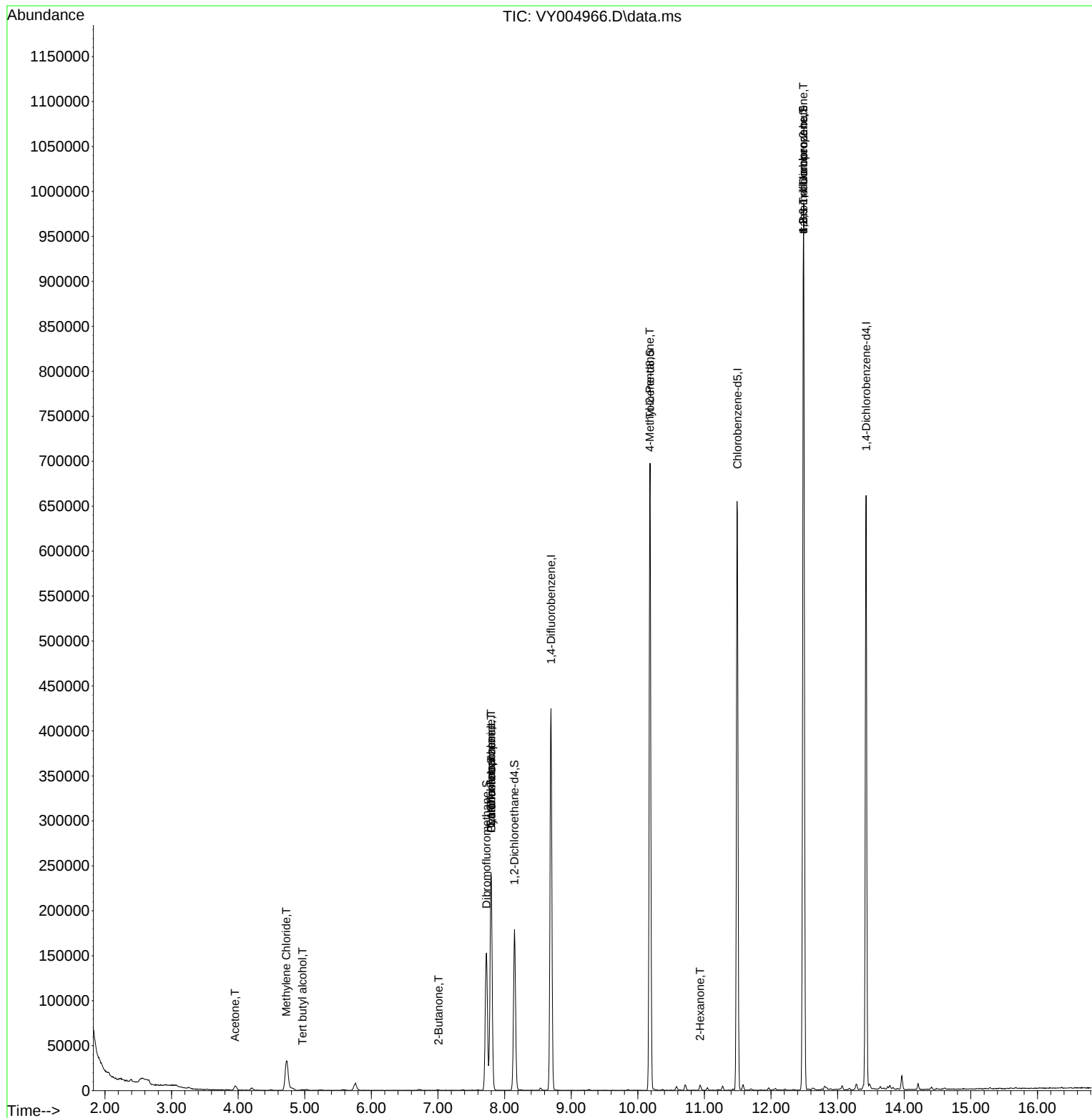
Internal Standards						
1) Pentafluorobenzene	7.801	168	183067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	349452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	346810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131778	68.090	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.180%			
35) Dibromofluoromethane	7.728	113	109671	58.333	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.660%			
50) Toluene-d8	10.185	98	437994	56.093	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.180%			
62) 4-Bromofluorobenzene	12.483	95	158444	59.002	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.000%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.966	59	1420	6.380	ug/l #	78
13) Acrolein	3.747	56	25	Below Cal	#	15
16) Acetone	3.954	43	8398	18.026	ug/l	97
20) Methylene Chloride	4.722	84	24766	5.805	ug/l	94
25) 2-Butanone	7.009	43	904	1.154	ug/l #	80
31) Cyclohexane	7.801	56	4127	1.211	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15404	4.504	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18191	6.112	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	2255	1.065	ug/l #	1
59) 2-Hexanone	10.935	43	2043	1.428	ug/l #	32
76) 1,2,3-Trichloropropane	12.483	75	88177	50.021	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88177	91.928	ug/l #	16

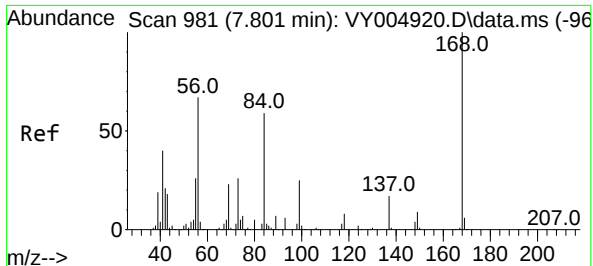
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
Data File : VY004966.D
Acq On : 04 Jun 2021 15:54
Operator : SY/MD
Sample : M2613-05
Misc : 10.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(102-106)

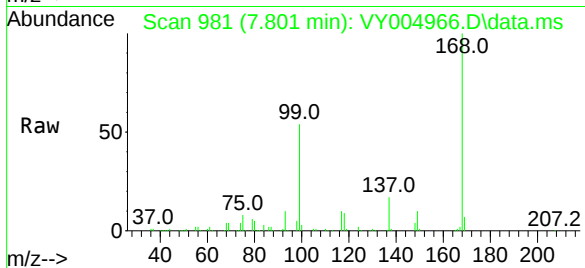
Quant Time: Jun 05 01:34:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



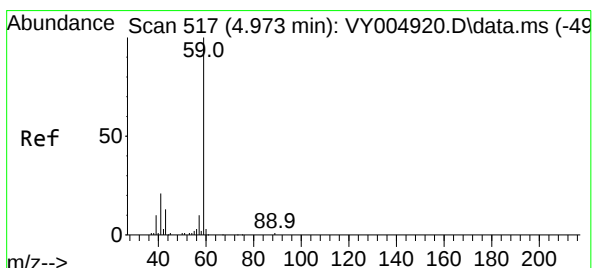
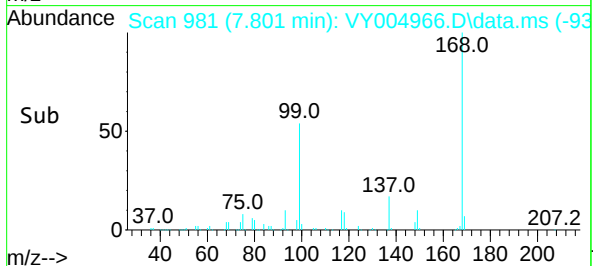
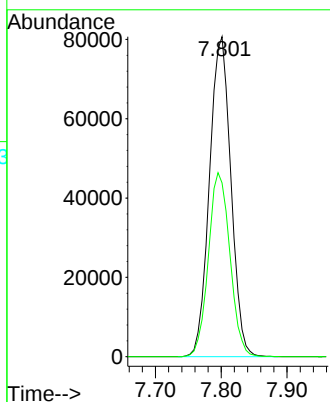


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(102-106)

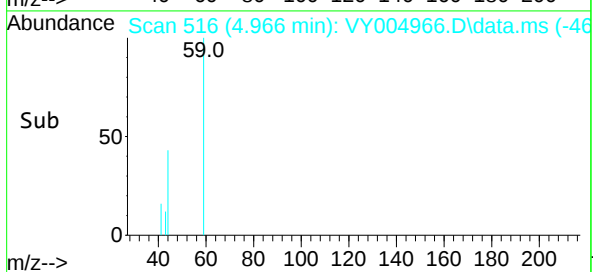
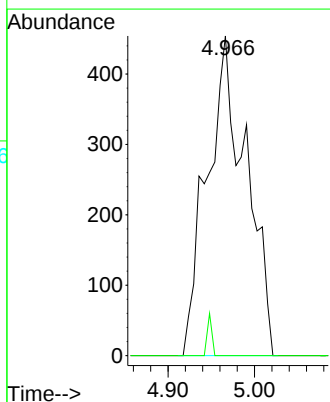
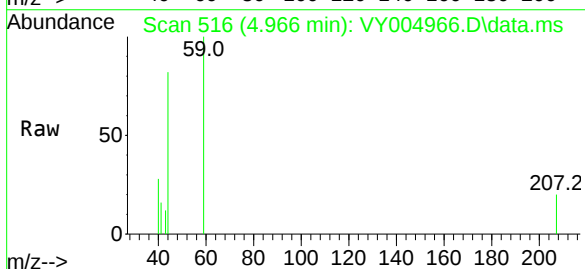


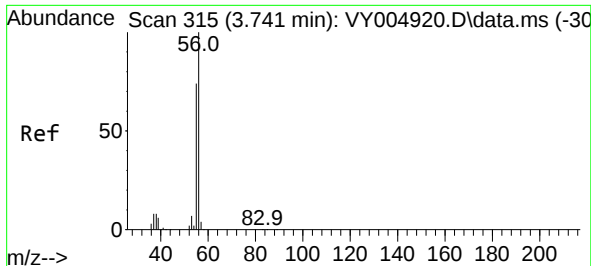
Tgt Ion:168 Resp: 183067
Ion Ratio Lower Upper
168 100
99 54.3 43.9 65.9



#11
Tert butyl alcohol
Concen: 6.380 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

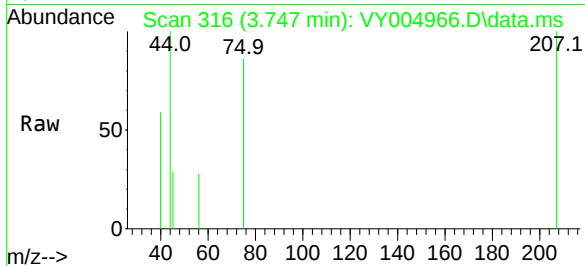
Tgt Ion: 59 Resp: 1420
Ion Ratio Lower Upper
59 100
57 1.5 7.7 11.5#



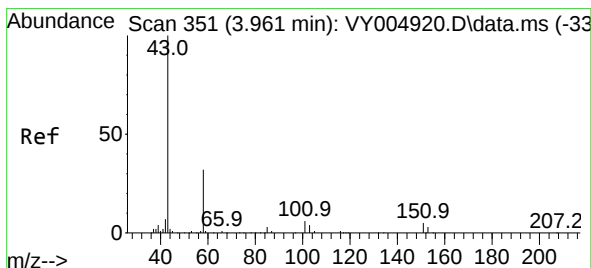
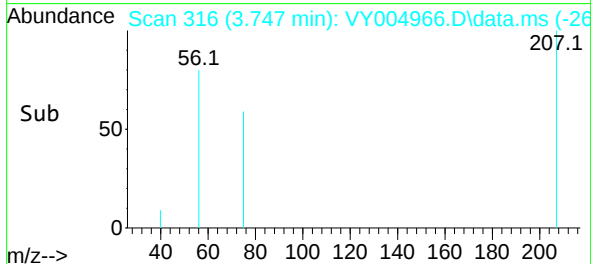
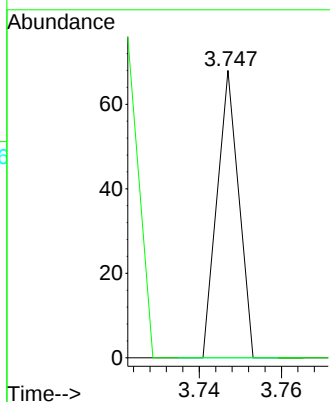


#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(102-106)

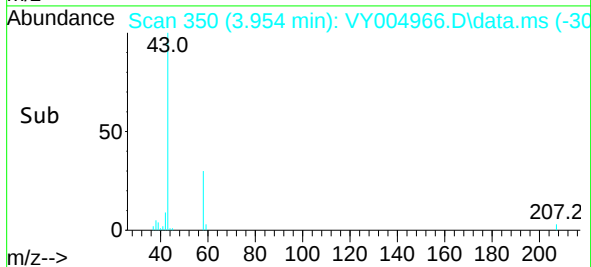
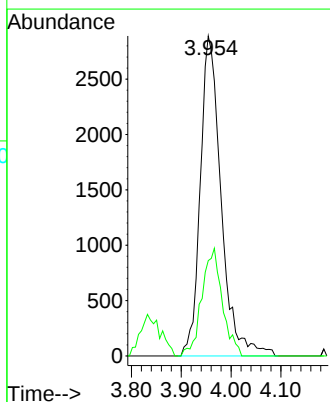
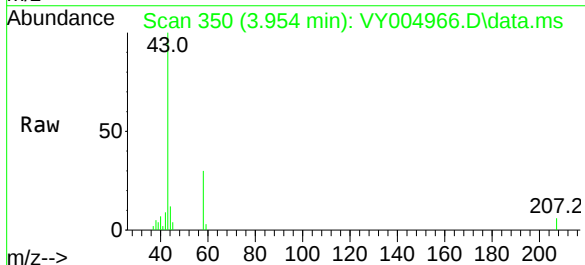


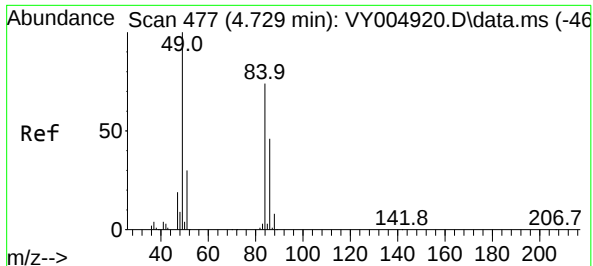
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 18.026 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

Tgt Ion: 43 Resp: 8398
Ion Ratio Lower Upper
43 100
58 29.8 25.3 37.9





#20

Methylene Chloride

Concen: 5.805 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY004966.D

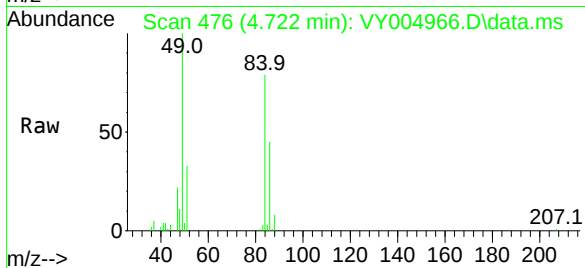
Acq: 04 Jun 2021 15:54

Instrument :

MSVOA_Y

ClientSampleId :

18-B12(102-106)



Tgt Ion: 84 Resp: 24766

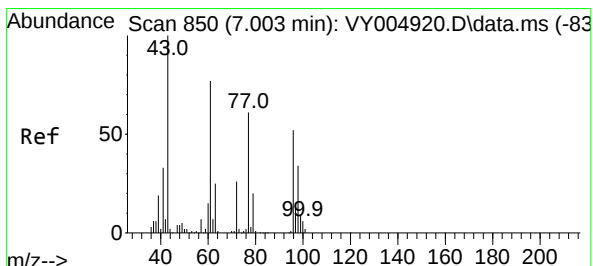
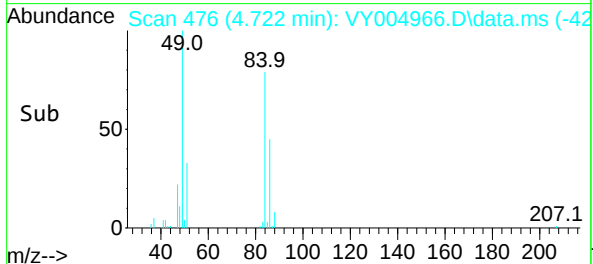
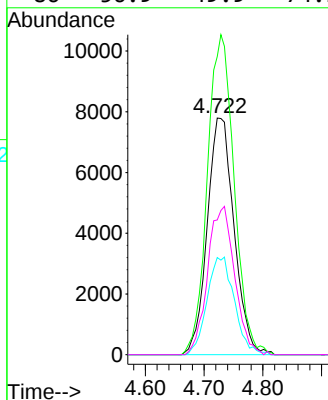
Ion Ratio Lower Upper

84 100

49 126.0 108.0 162.0

51 41.0 32.6 48.8

86 56.9 49.9 74.9



#25

2-Butanone

Concen: 1.154 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY004966.D

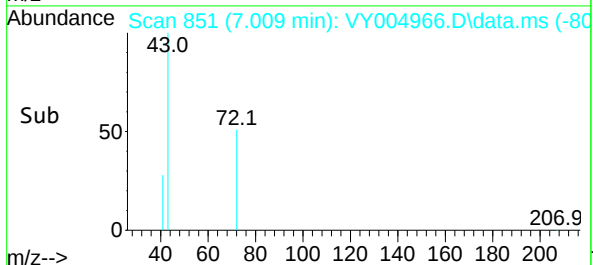
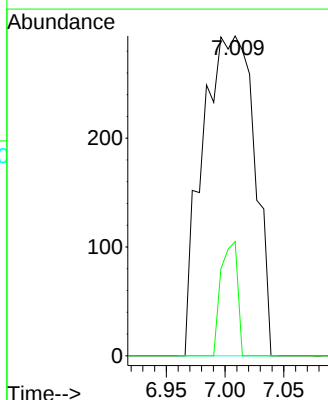
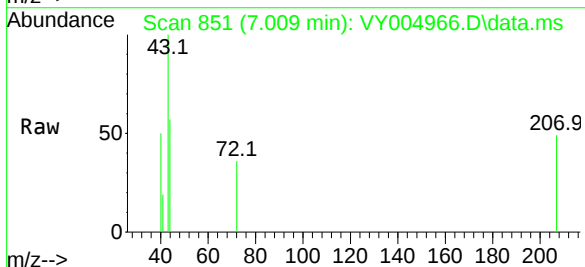
Acq: 04 Jun 2021 15:54

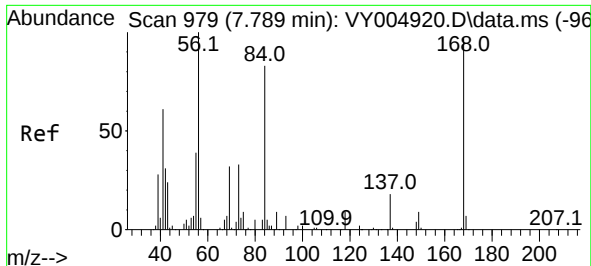
Tgt Ion: 43 Resp: 904

Ion Ratio Lower Upper

43 100

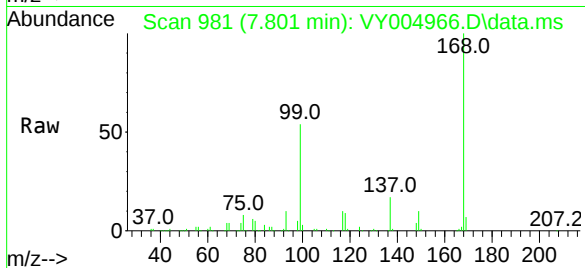
72 35.7 20.6 31.0#



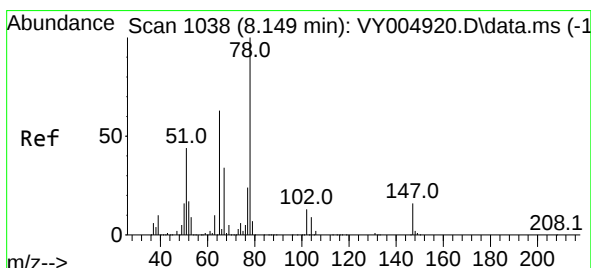
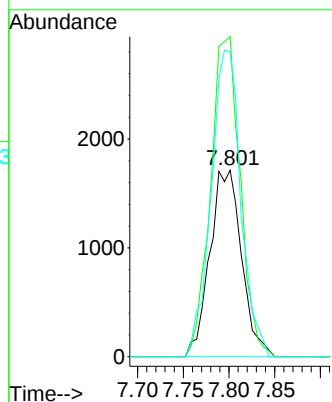
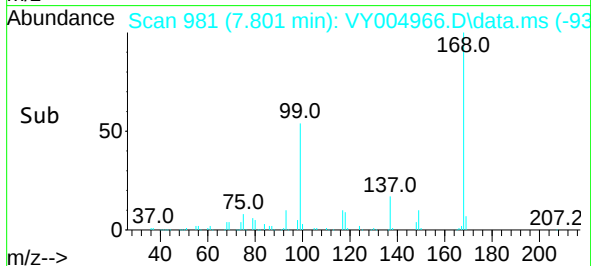


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

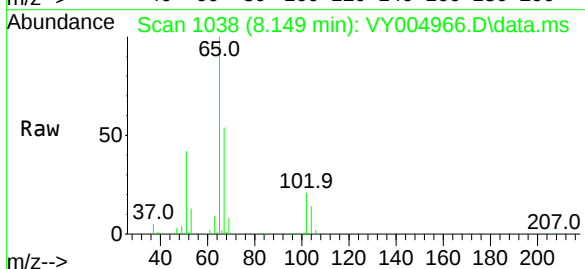
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(102-106)



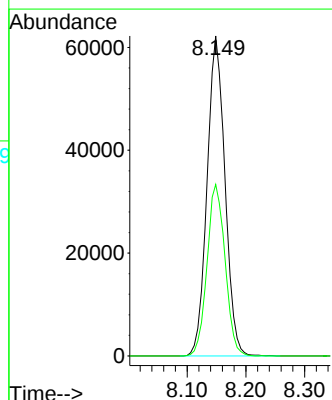
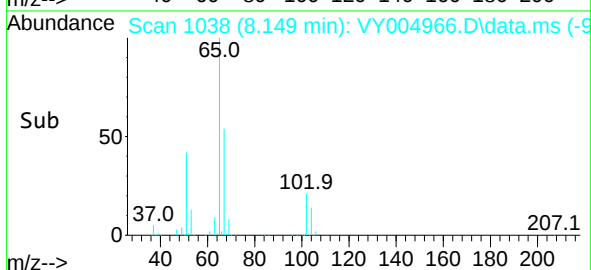
Tgt Ion: 56 Resp: 4127
Ion Ratio Lower Upper
56 100
69 171.7 25.3 37.9#
84 163.6 66.2 99.4#

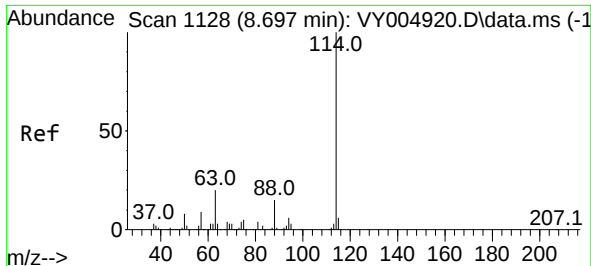


#33
1,2-Dichloroethane-d4
Concen: 68.090 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54



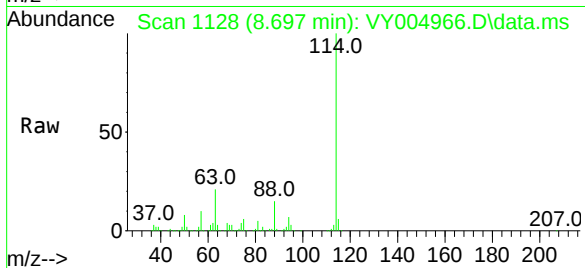
Tgt Ion: 65 Resp: 131778
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6



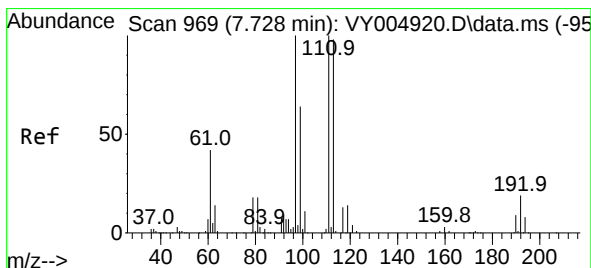
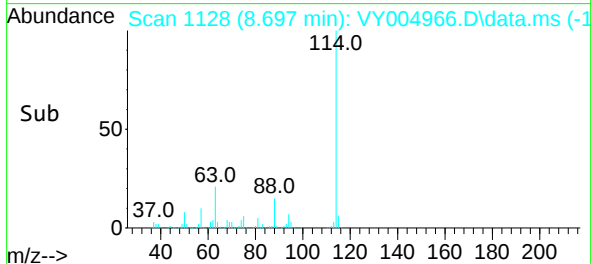
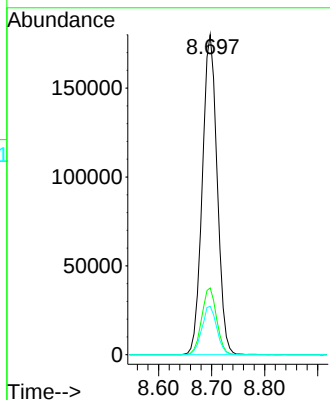


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(102-106)

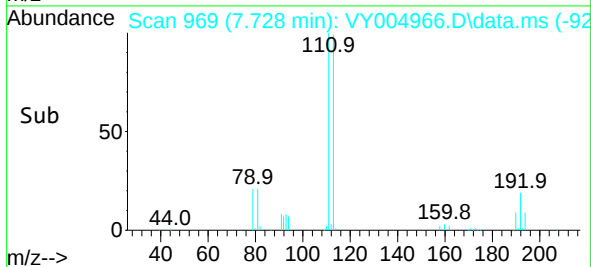
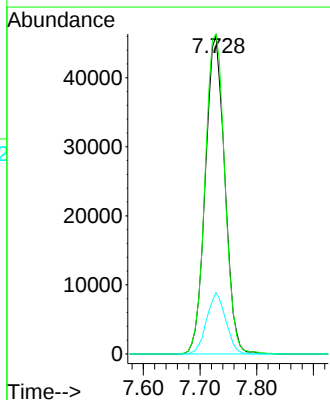
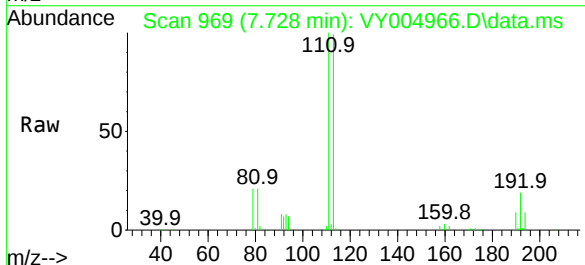


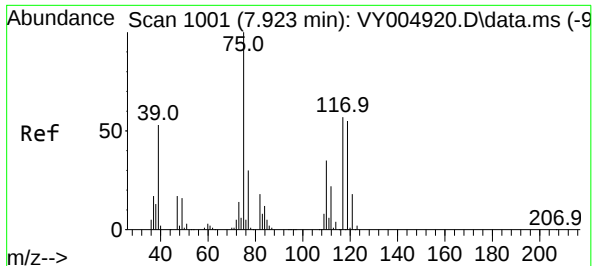
Tgt Ion:114 Resp: 349452
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.0
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 58.333 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

Tgt Ion:113 Resp: 109671
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 18.8 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.504 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY004966.D

Acq: 04 Jun 2021 15:54

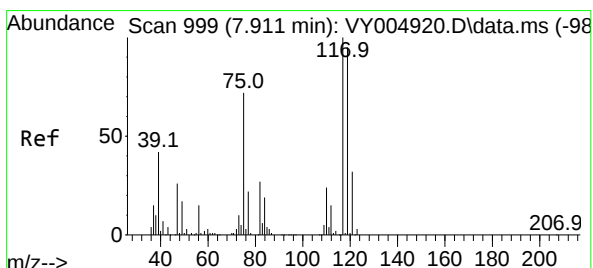
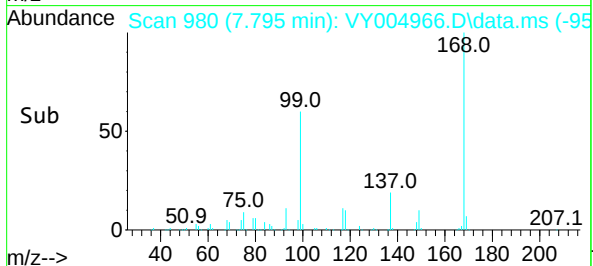
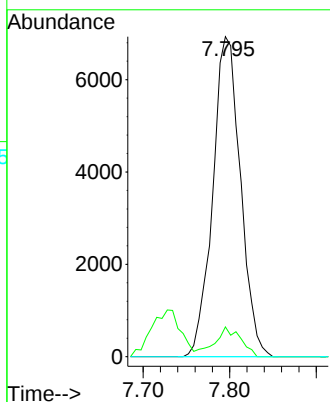
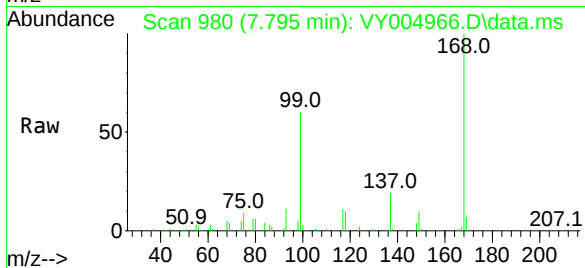
Instrument :

MSVOA_Y

ClientSampleId :

18-B12(102-106)

Tgt Ion:	75	Resp:	15404
Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.112 ug/l

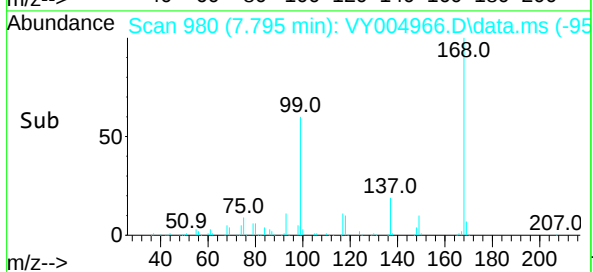
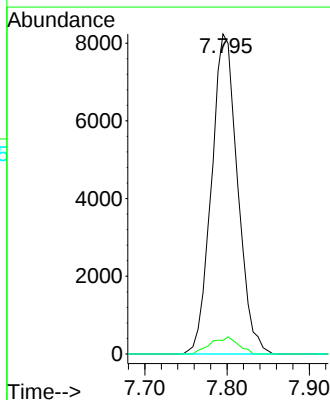
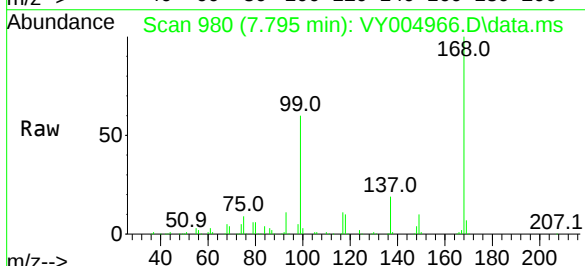
RT: 7.795 min Scan# 980

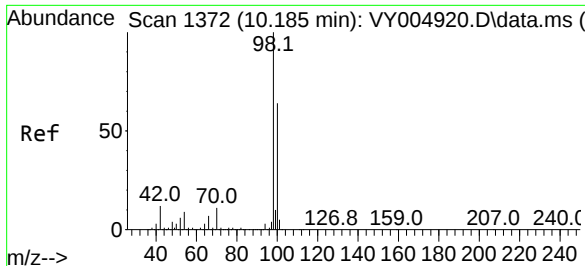
Delta R.T. -0.116 min

Lab File: VY004966.D

Acq: 04 Jun 2021 15:54

Tgt Ion:	117	Resp:	18191
Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.1	114.1#
121	0.0	25.5	38.3#

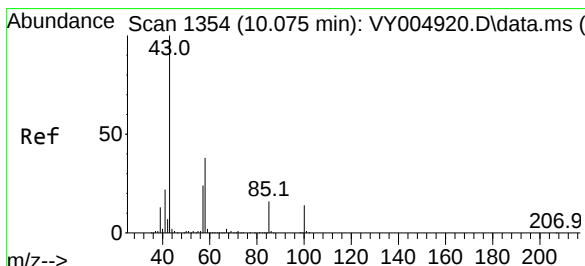
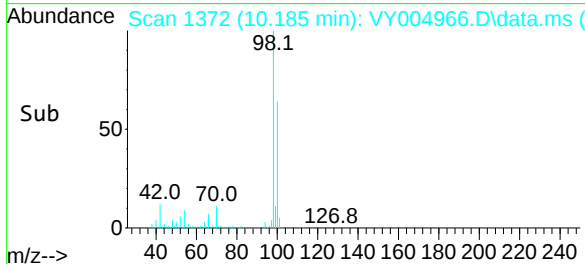
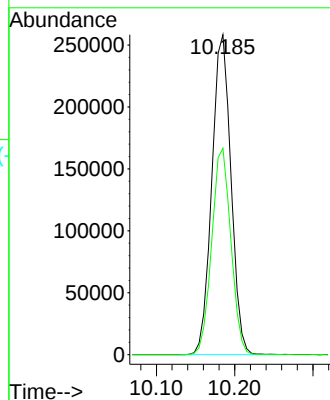
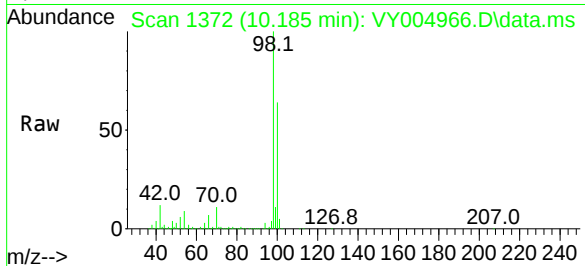




#50
Toluene-d8
Concen: 56.093 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

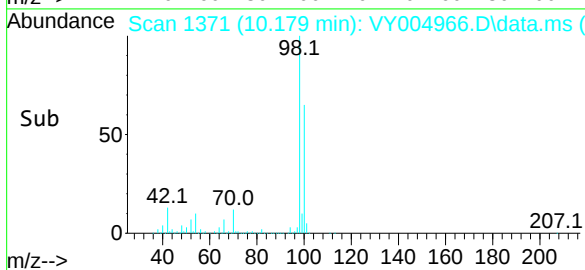
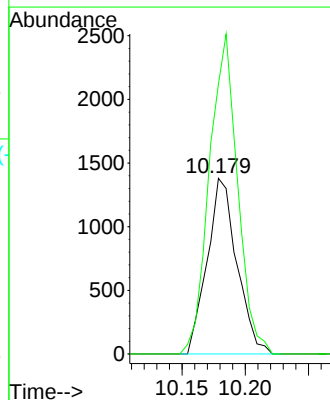
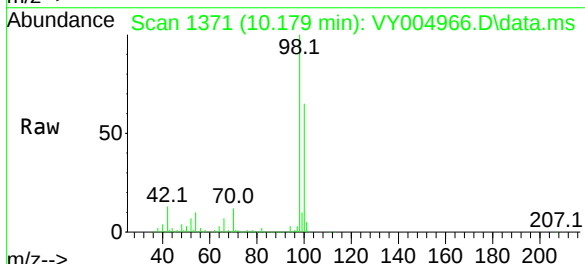
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(102-106)

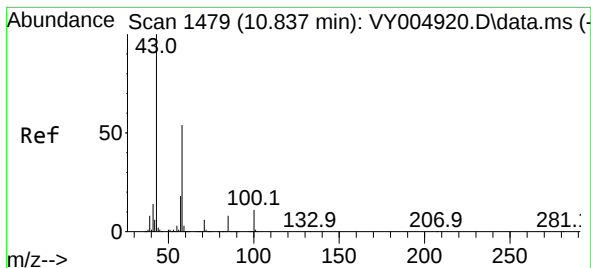
Tgt Ion: 98 Resp: 437994
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.065 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
58 172.9 30.6 46.0#

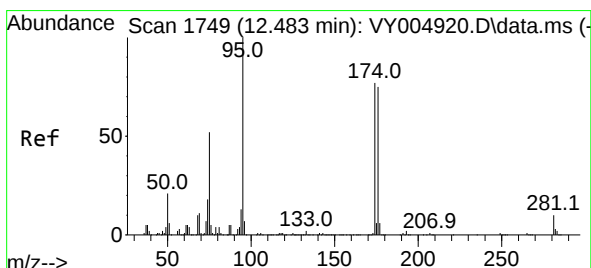
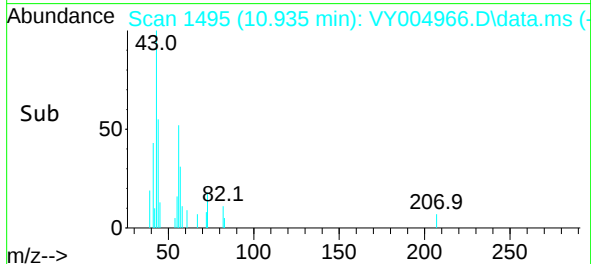
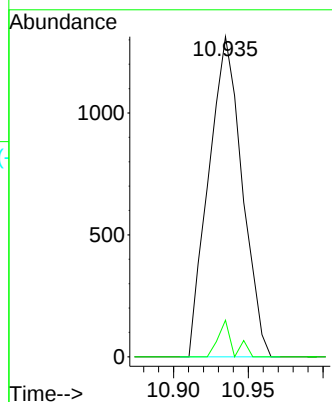
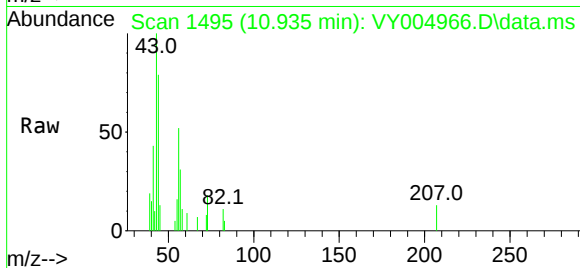




#59
2-Hexanone
Concen: 1.428 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

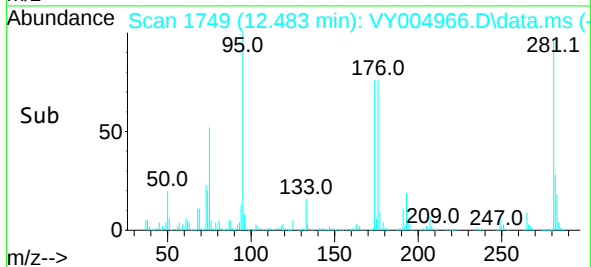
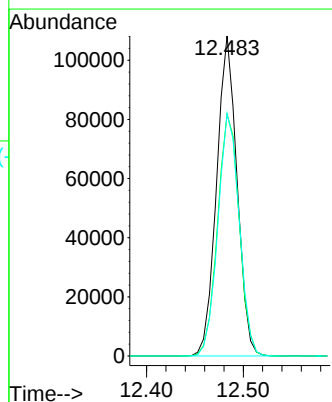
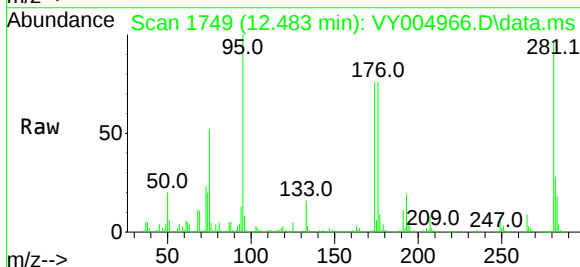
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(102-106)

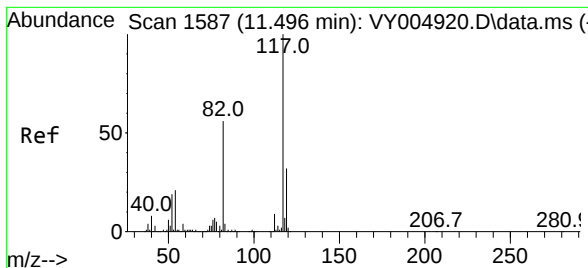
Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
58 5.0 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 59.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

Tgt Ion: 95 Resp: 158444
Ion Ratio Lower Upper
95 100
174 79.8 0.0 160.8
176 79.1 0.0 155.6

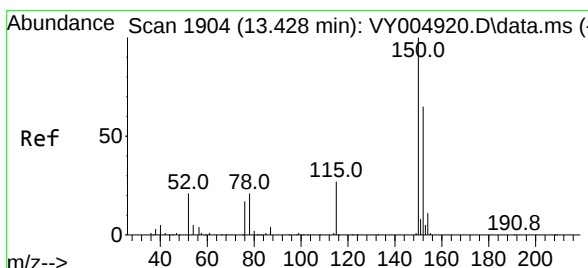
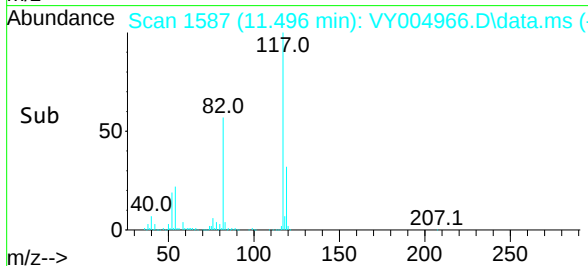
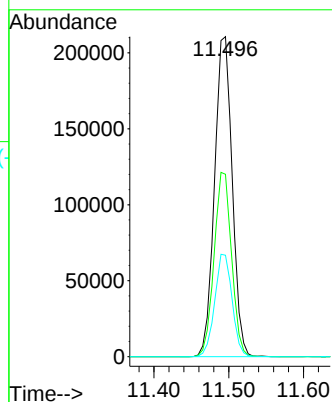
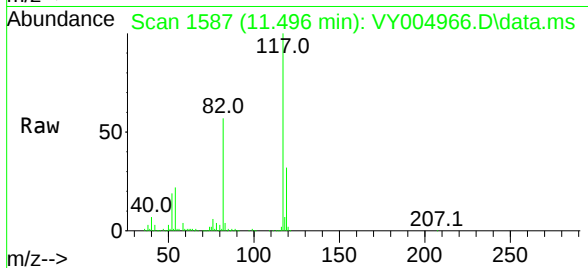




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

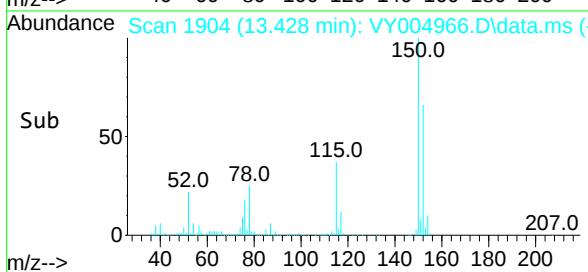
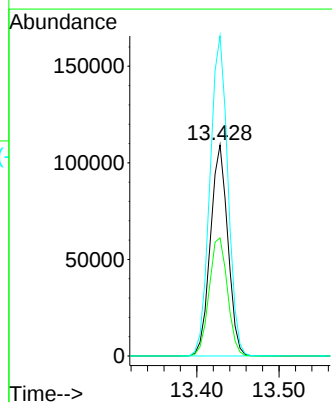
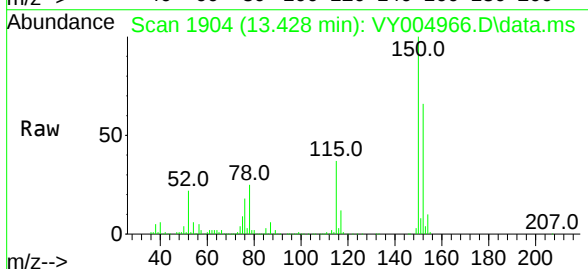
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(102-106)

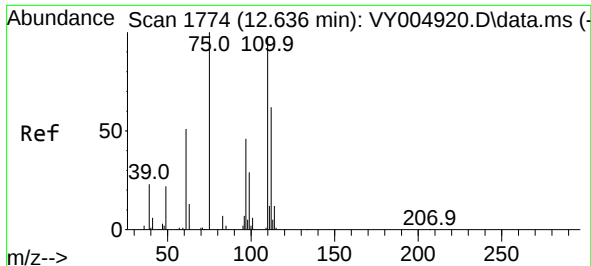
Tgt Ion:117 Resp: 346810
Ion Ratio Lower Upper
117 100
82 57.0 44.8 67.2
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

Tgt Ion:152 Resp: 160810
Ion Ratio Lower Upper
152 100
115 58.8 29.9 89.7
150 155.6 0.0 347.8

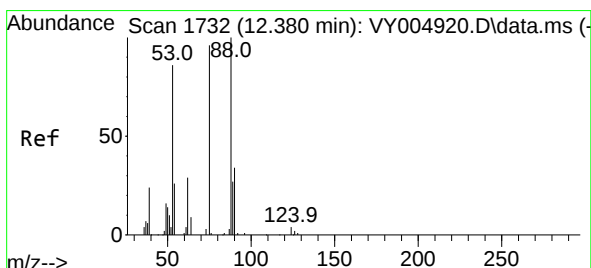
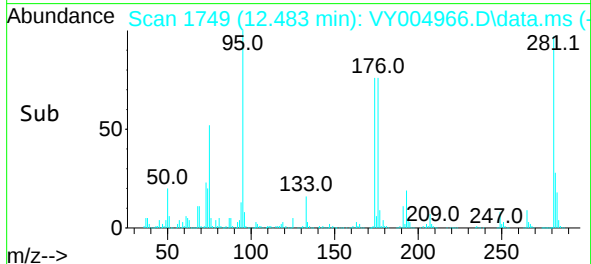
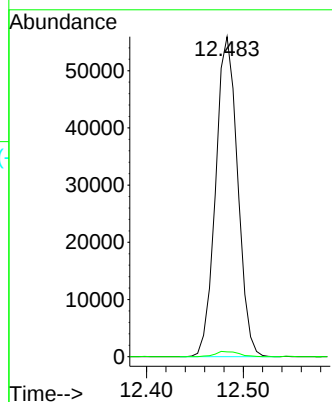
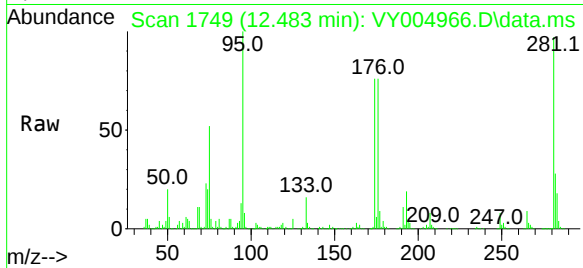




#76
1,2,3-Trichloropropane
Concen: 50.021 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(102-106)

Tgt Ion: 75 Resp: 88177
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.928 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004966.D
Acq: 04 Jun 2021 15:54

Tgt Ion: 75 Resp: 88177
Ion Ratio Lower Upper
75 100
53 0.2 69.3 103.9#
89 2.4 35.0 52.6#

