

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004965.D
 Acq On : 04 Jun 2021 15:31
 Operator : SY/MD
 Sample : M2613-04
 Misc : 13.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(98-102)

Quant Time: Jun 05 01:34:02 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)

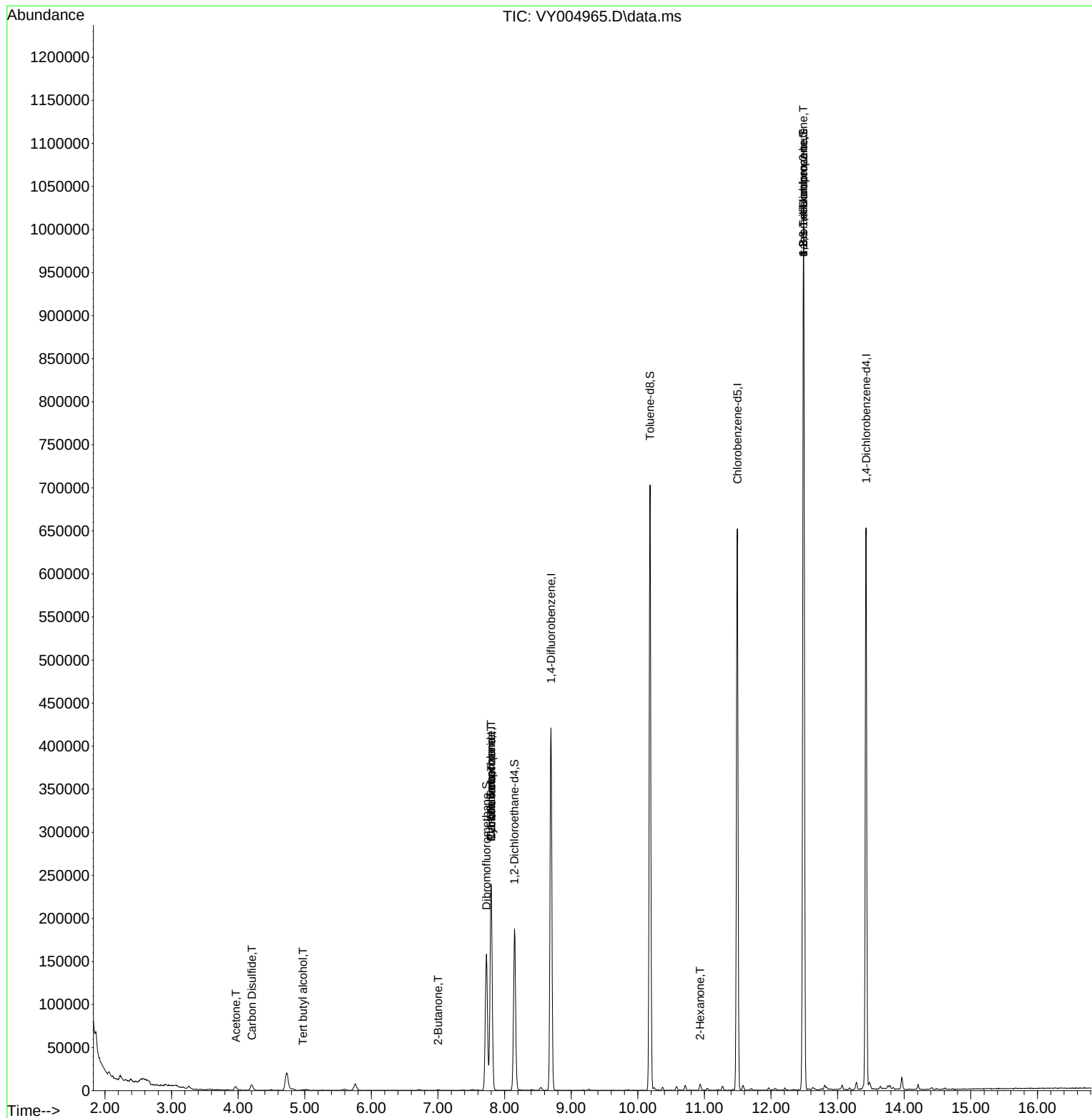
Internal Standards						
1) Pentafluorobenzene	7.801	168	184790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	350585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	138936	71.120	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.240%			
35) Dibromofluoromethane	7.728	113	110768	58.813	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.620%			
50) Toluene-d8	10.185	98	441325	56.421	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.840%			
62) 4-Bromofluorobenzene	12.483	95	161265	59.947	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.900%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.972	59	713	3.174	ug/l #	74
13) Acrolein	3.741	56	29	Below Cal	#	15
16) Acetone	3.966	43	7305	15.534	ug/l	92
17) Carbon Disulfide	4.204	76	12735	2.181	ug/l	98
25) 2-Butanone	7.002	43	1140	1.442	ug/l #	72
31) Cyclohexane	7.801	56	4265	1.240	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	14924	4.356	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18390	6.168	ug/l #	16
59) 2-Hexanone	10.935	43	2203	1.537	ug/l #	32
76) 1,2,3-Trichloropropane	12.483	75	91628	51.600	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91628	94.829	ug/l #	16

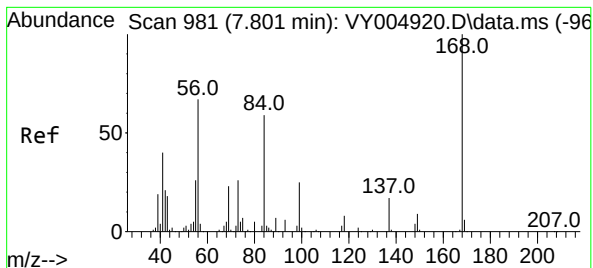
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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18-B12(98-102)

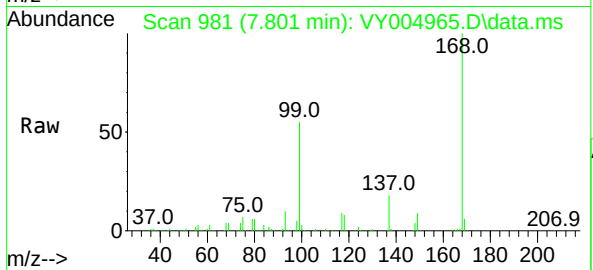
Quant Time: Jun 05 01:34:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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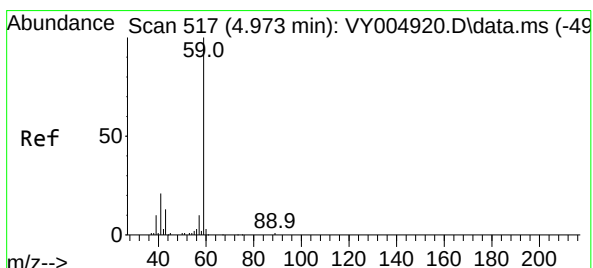
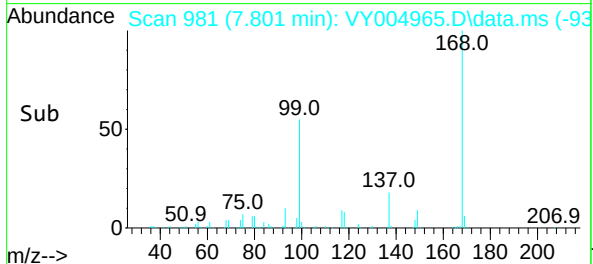
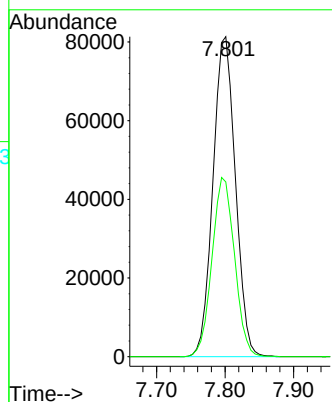


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(98-102)

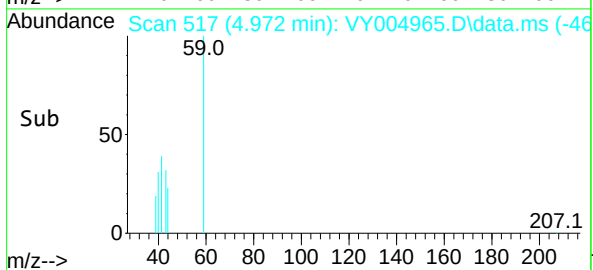
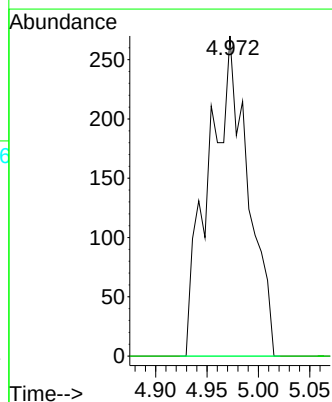
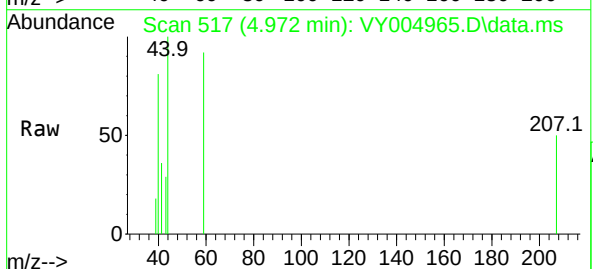


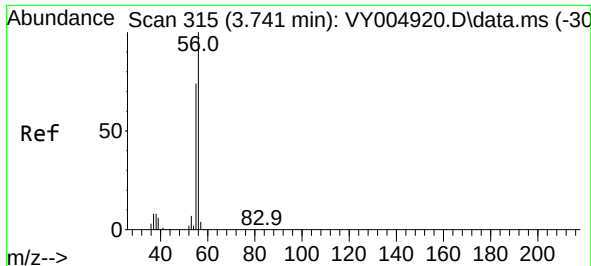
Tgt Ion:168 Resp: 184790
Ion Ratio Lower Upper
168 100
99 54.6 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.174 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

Tgt Ion: 59 Resp: 713
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

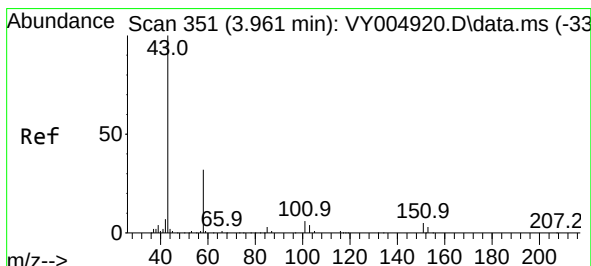
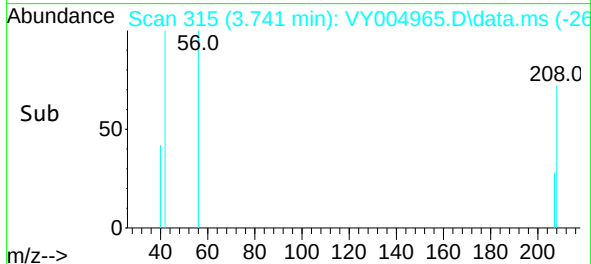
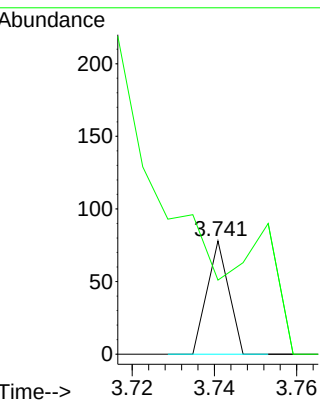
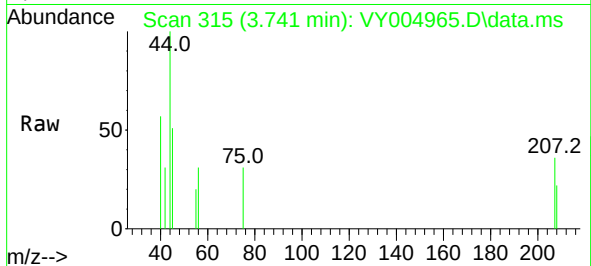




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

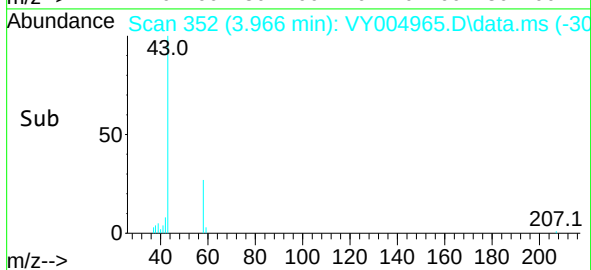
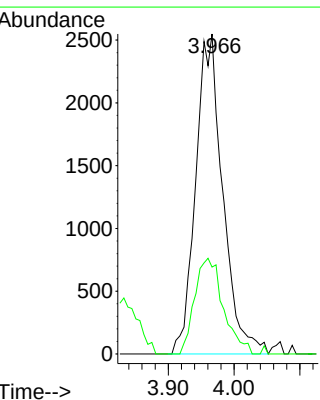
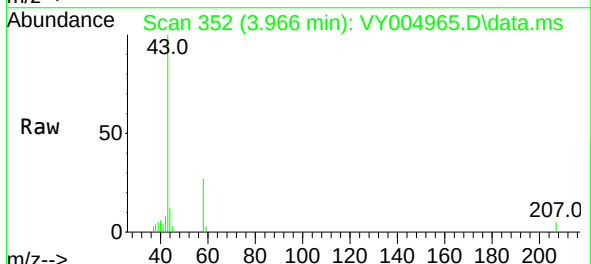
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(98-102)

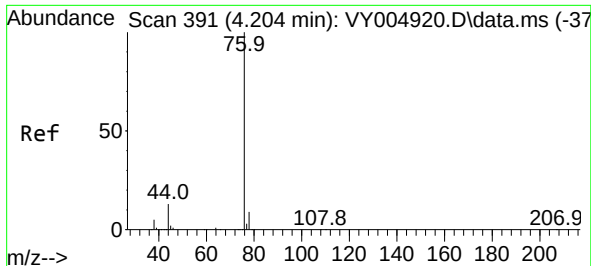
Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 15.534 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

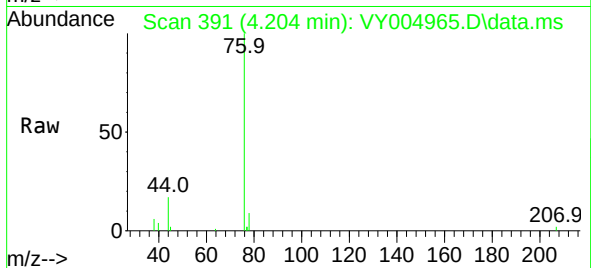
Tgt Ion: 43 Resp: 7305
Ion Ratio Lower Upper
43 100
58 27.1 25.3 37.9



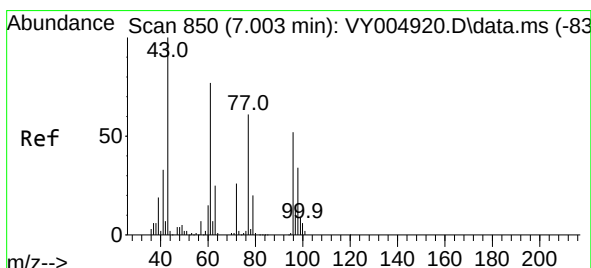
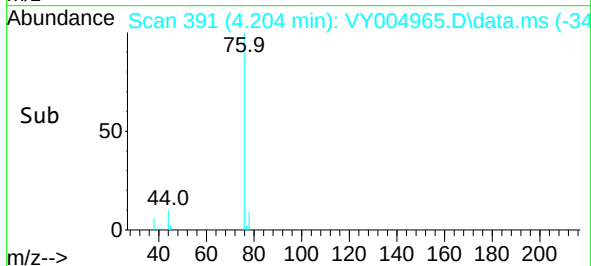
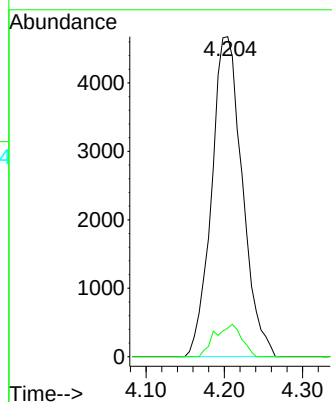


#17
Carbon Disulfide
Concen: 2.181 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(98-102)

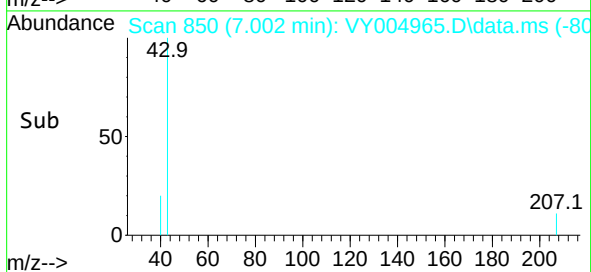
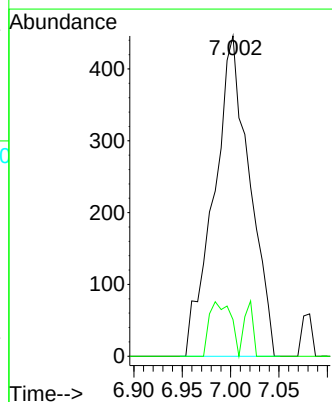
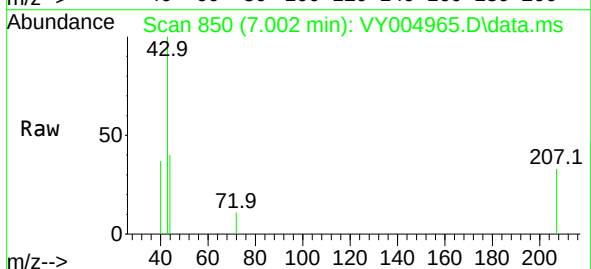


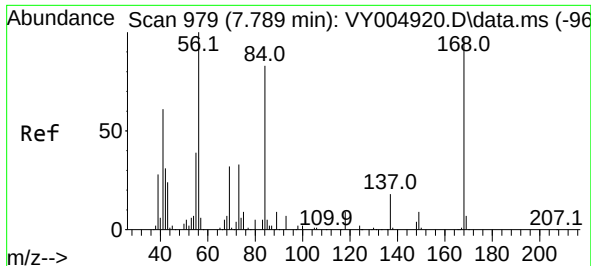
Tgt Ion: 76 Resp: 12735
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#25
2-Butanone
Concen: 1.442 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

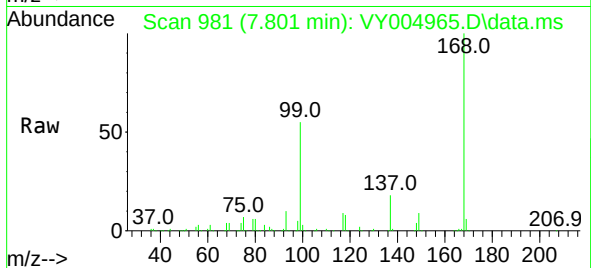
Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
72 11.4 20.6 31.0#



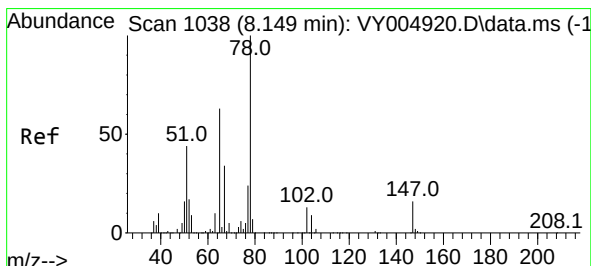
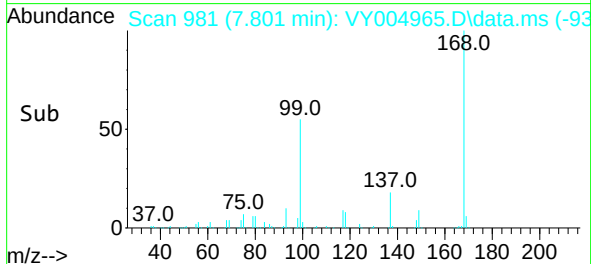
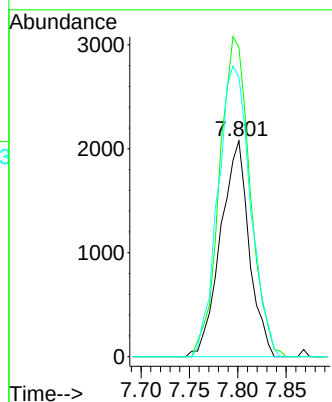


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

Instrument :
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ClientSampleId :
18-B12(98-102)

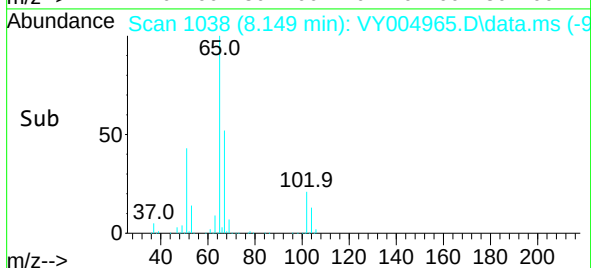
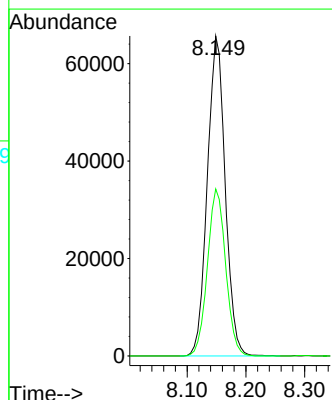
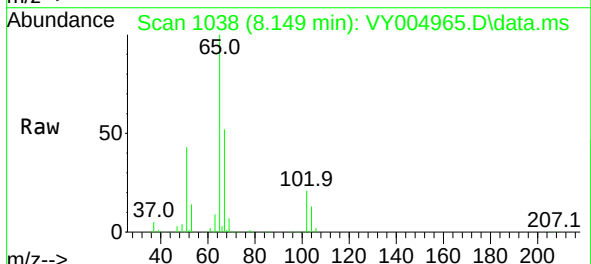


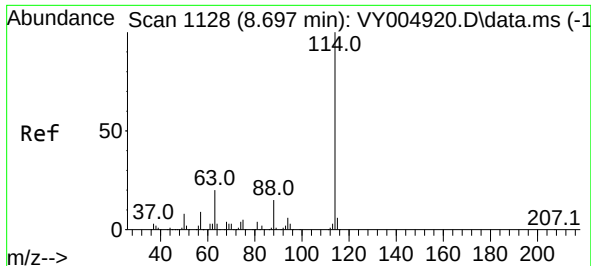
Tgt Ion: 56 Resp: 4265
Ion Ratio Lower Upper
56 100
69 143.4 25.3 37.9#
84 129.3 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 71.120 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

Tgt Ion: 65 Resp: 138936
Ion Ratio Lower Upper
65 100
67 53.2 0.0 110.6

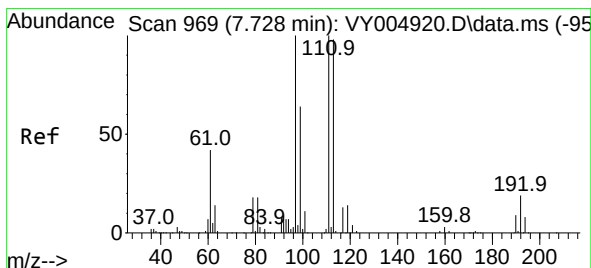
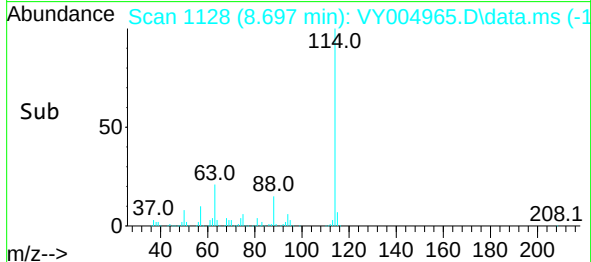
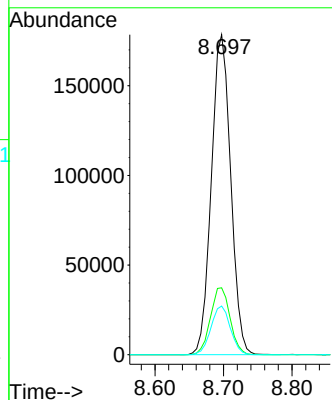
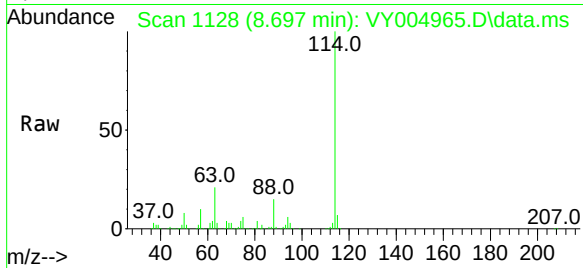




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

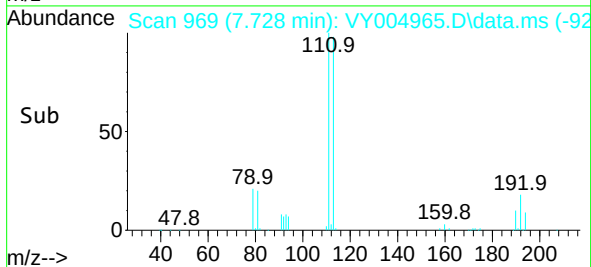
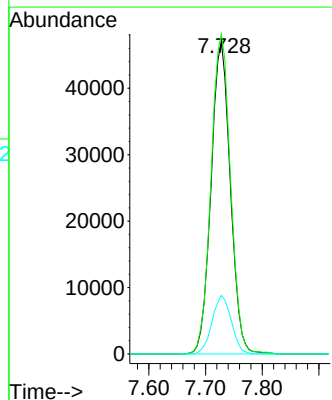
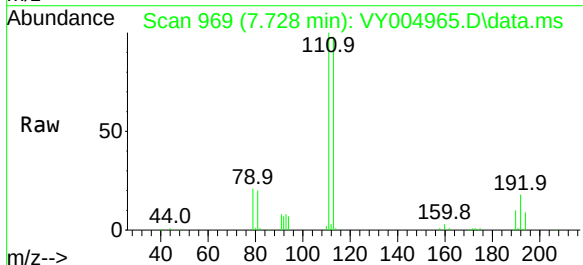
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(98-102)

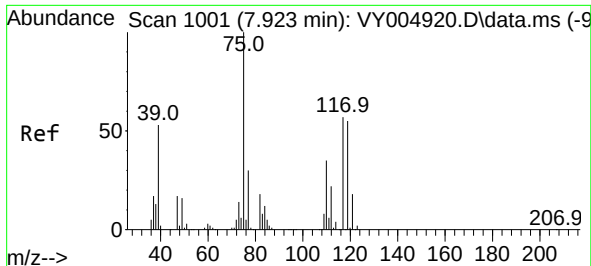
Tgt Ion:114	Resp:	350066
Ion	Ratio	Lower Upper
114	100	
63	20.9	0.0 41.0
88	15.2	0.0 30.6



#35
Dibromofluoromethane
Concen: 58.813 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

Tgt Ion:113	Resp:	110768
Ion	Ratio	Lower Upper
113	100	
111	104.0	81.8 122.8
192	18.6	15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.356 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY004965.D

Acq: 04 Jun 2021 15:31

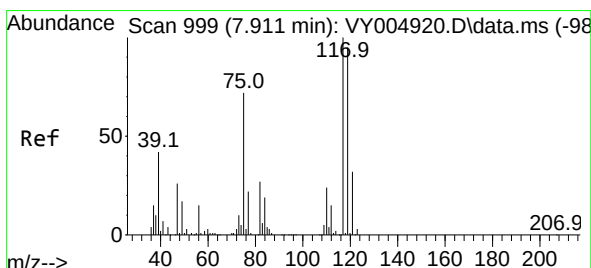
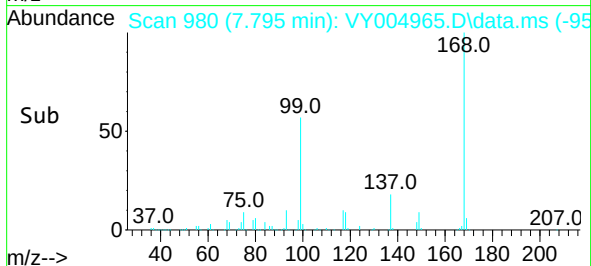
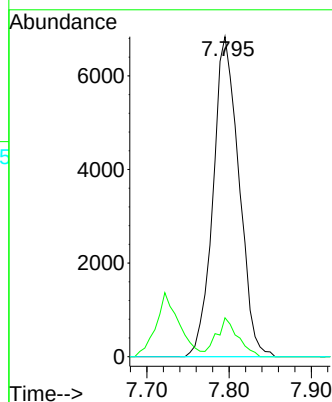
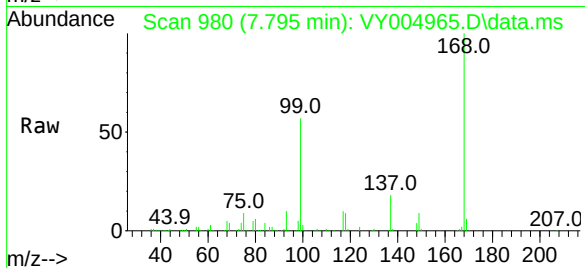
Instrument :

MSVOA_Y

ClientSampleId :

18-B12(98-102)

Tgt Ion:	75	Resp:	14924
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.168 ug/l

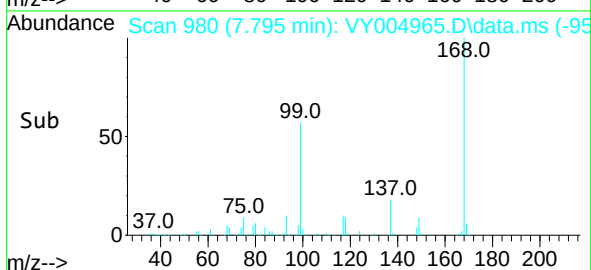
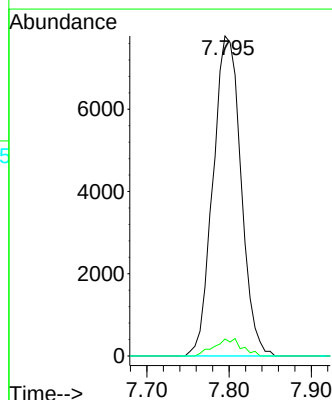
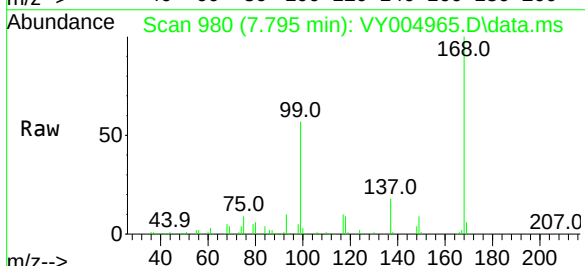
RT: 7.795 min Scan# 980

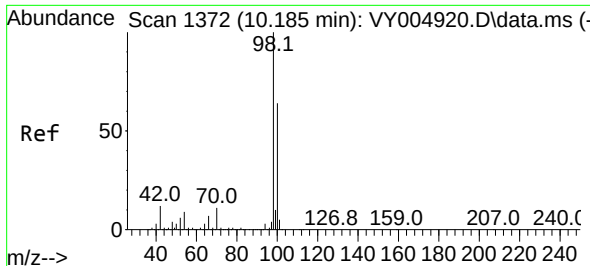
Delta R.T. -0.116 min

Lab File: VY004965.D

Acq: 04 Jun 2021 15:31

Tgt Ion:	117	Resp:	18390
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.1	114.1#
121	0.0	25.5	38.3#

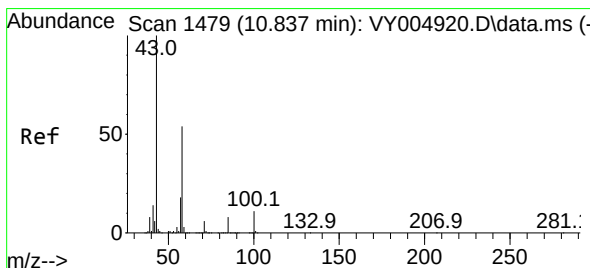
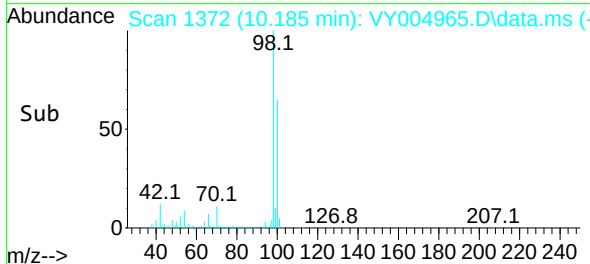
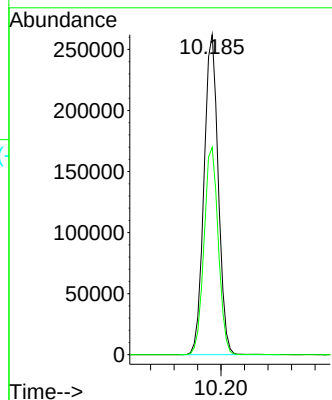
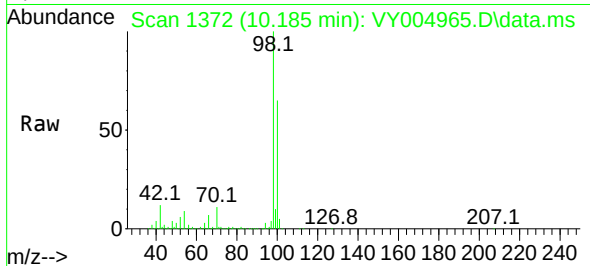




#50
Toluene-d8
Concen: 56.421 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

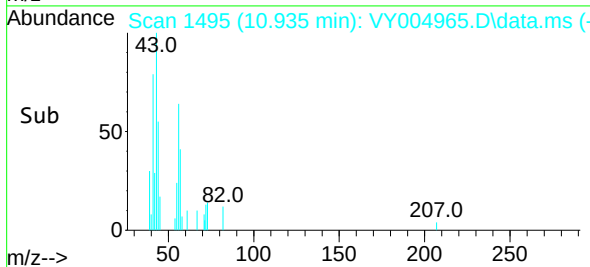
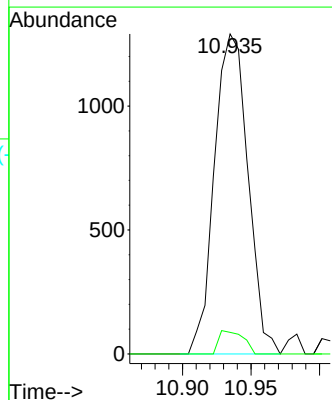
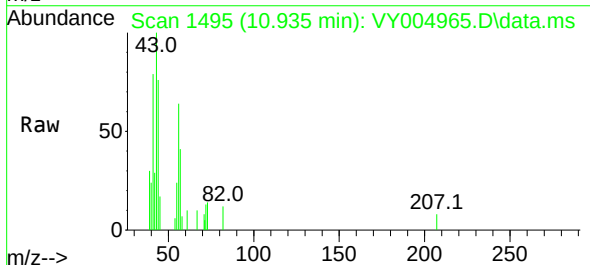
Instrument :
MSVOA_Y
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18-B12(98-102)

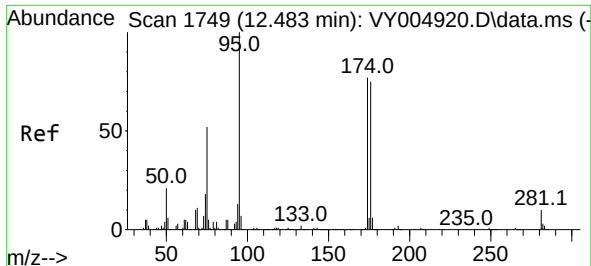
Tgt Ion: 98 Resp: 441325
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#59
2-Hexanone
Concen: 1.537 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

Tgt Ion: 43 Resp: 2203
Ion Ratio Lower Upper
43 100
58 5.3 27.0 80.8#

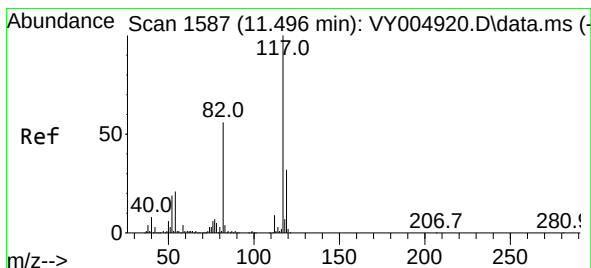
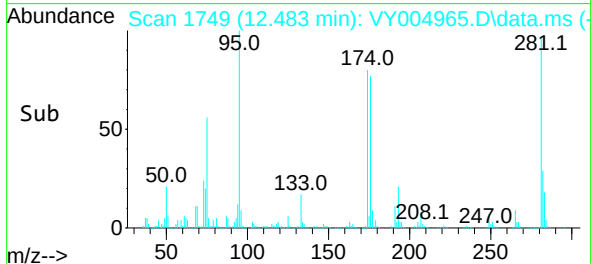
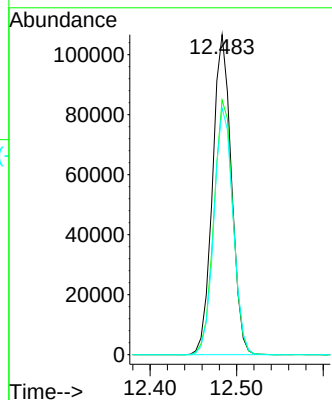
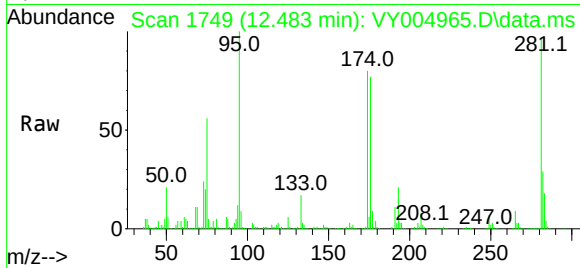




#62
4-Bromofluorobenzene
Concen: 59.947 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

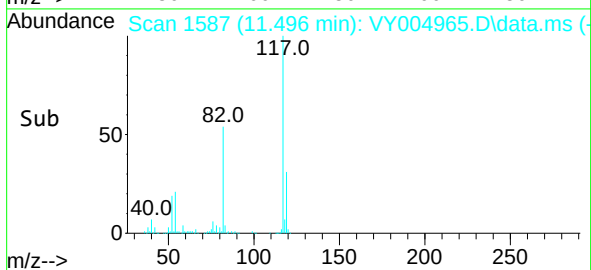
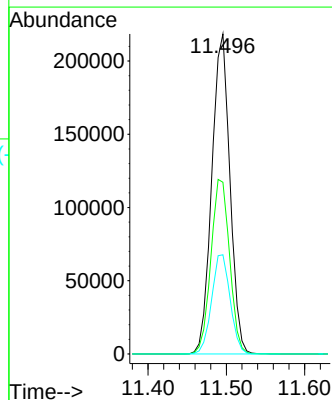
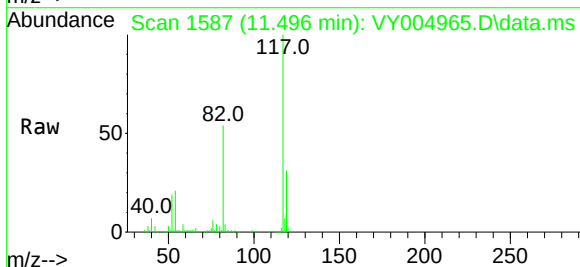
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(98-102)

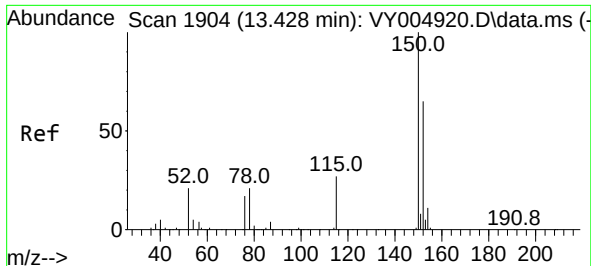
Tgt Ion: 95 Resp: 161265
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.8
176 78.2 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004965.D
Acq: 04 Jun 2021 15:31

Tgt Ion: 117 Resp: 350585
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 31.0 25.2 37.8

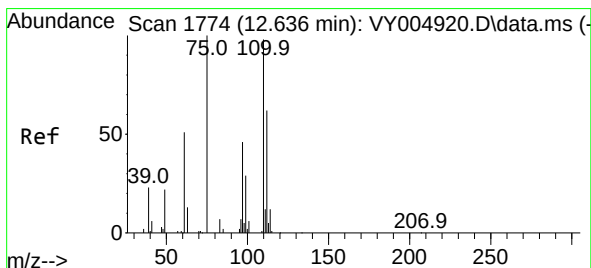
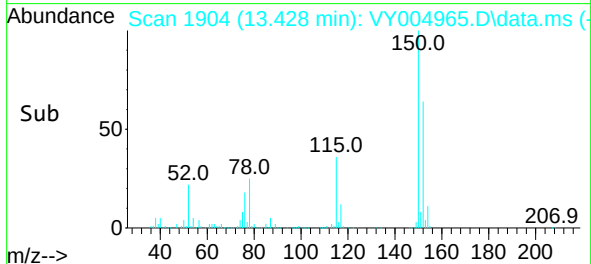
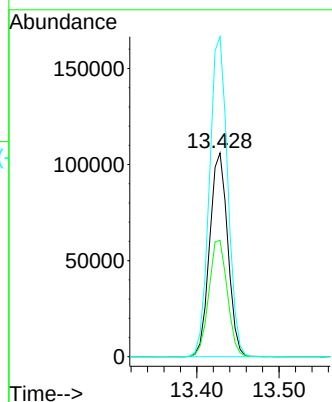
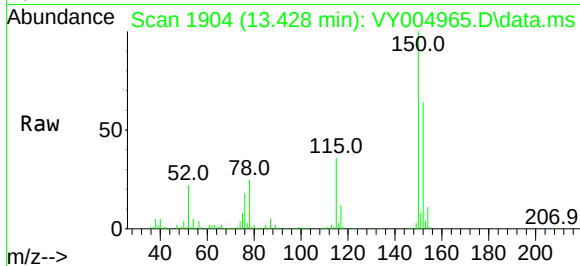




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004965.D
 Acq: 04 Jun 2021 15:31

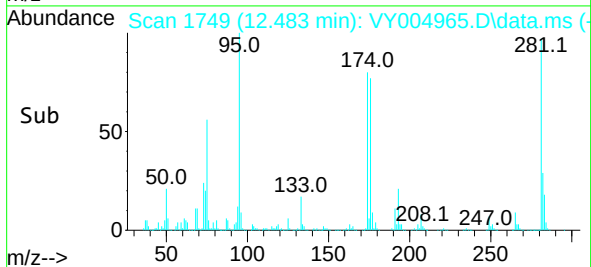
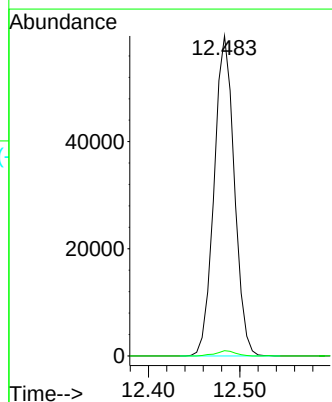
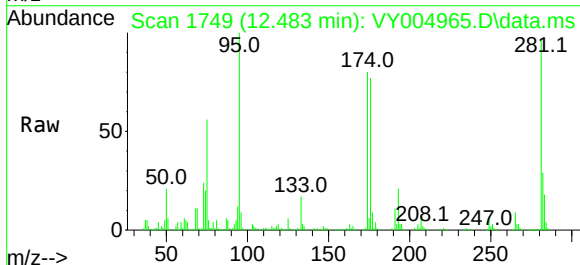
Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(98-102)

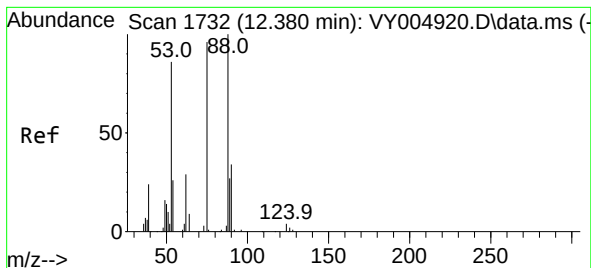
Tgt Ion:152 Resp: 161992
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.9 89.7
 150 158.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 51.600 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004965.D
 Acq: 04 Jun 2021 15:31

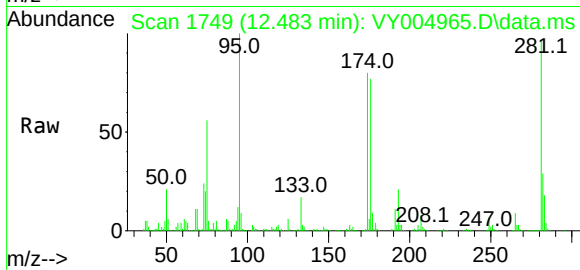
Tgt Ion: 75 Resp: 91628
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.829 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004965.D
 Acq: 04 Jun 2021 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(98-102)



Tgt Ion: 75 Resp: 91628
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.3 103.9#
 89 2.3 35.0 52.6#

