

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040521\
 Data File : VY004284.D
 Acq On : 05 Apr 2021 15:08
 Operator : SY/MD
 Sample : M1924-01
 Misc : 5.35g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-040221

Quant Time: Apr 06 00:58:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

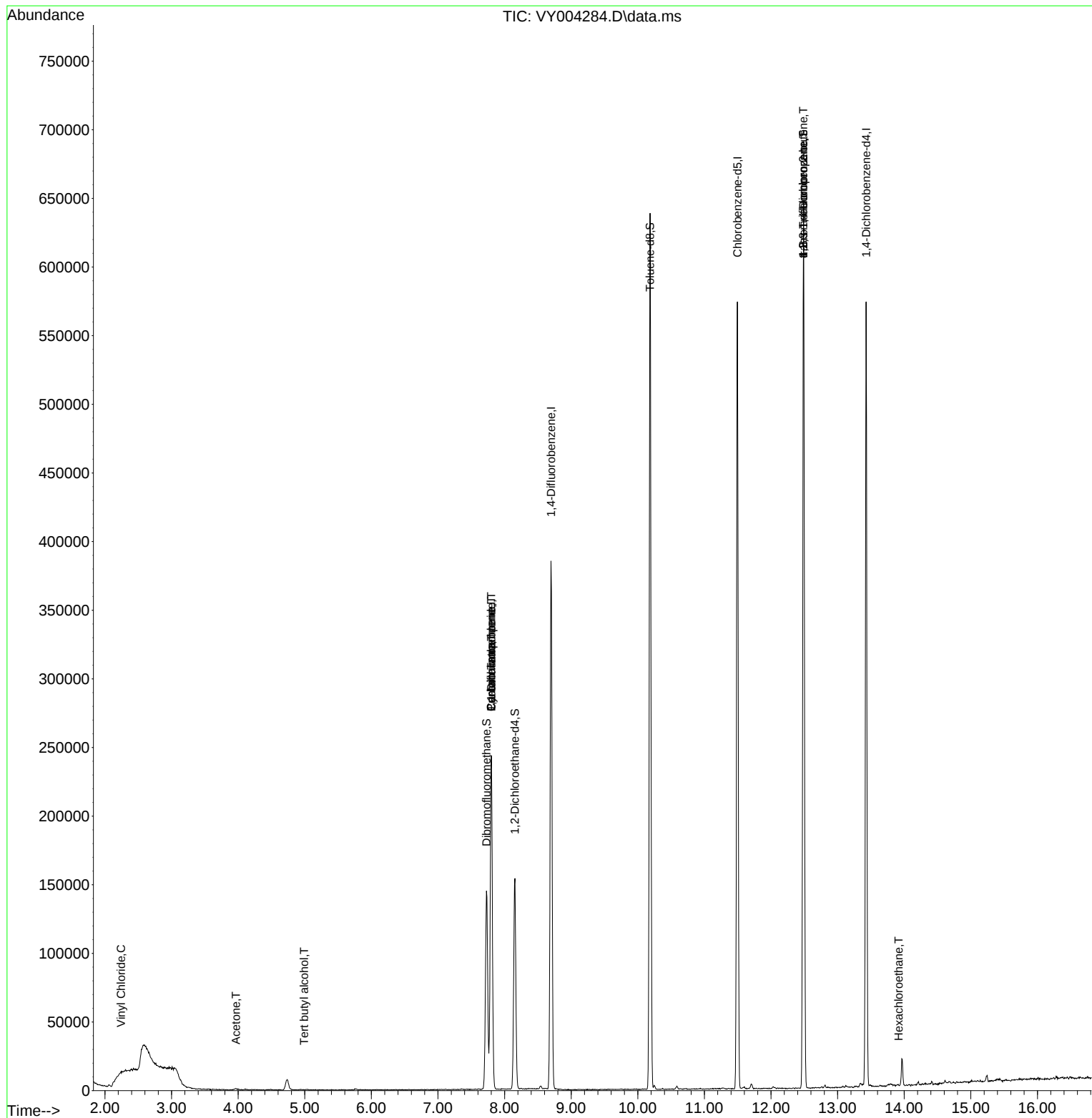
Internal Standards						
1) Pentafluorobenzene	7.801	168	187805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	324607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	302122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	119399	66.13	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.26%			
35) Dibromofluoromethane	7.728	113	101406	56.07	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.14%			
50) Toluene-d8	10.185	98	397449	58.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.86%			
62) 4-Bromofluorobenzene	12.483	95	137545	58.99	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.98%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.241	62	7879	3.22	ug/l #	42
11) Tert butyl alcohol	4.991	59	169	1.15	ug/l #	71
13) Acrolein	3.747	56	64	Below Cal		90
16) Acetone	3.966	43	1839	4.89	ug/l	99
31) Cyclohexane	7.801	56	4184	1.31	ug/l #	21
36) 1,1-Dichloropropene	7.801	75	14920	5.04	ug/l #	49
38) Carbon Tetrachloride	7.801	117	18763	7.28	ug/l #	15
49) 1,4-Dioxane	9.289	88	23	Below Cal	#	29
76) 1,2,3-Trichloropropane	12.483	75	75961	60.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75961	111.89	ug/l #	10
90) Hexachloroethane	13.916	117	23	7.31	ug/l #	12

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

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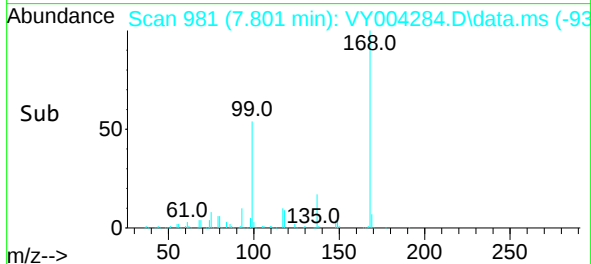
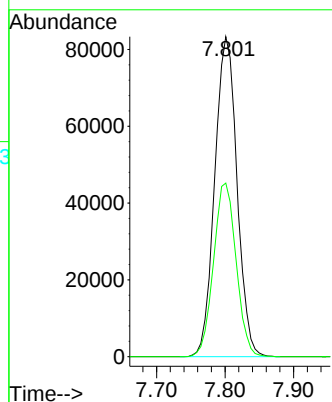
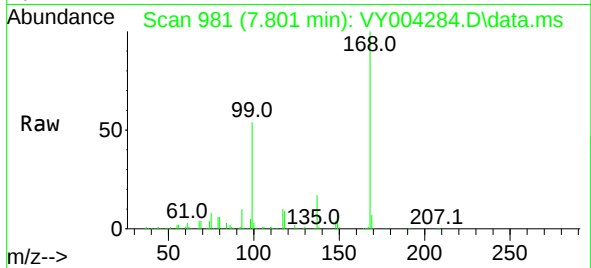




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08

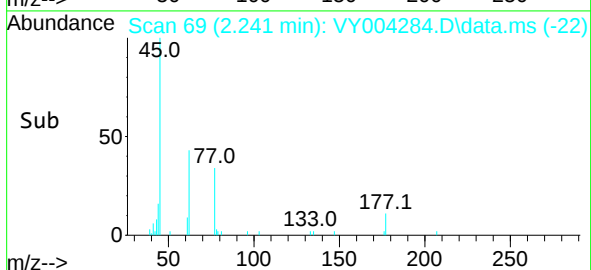
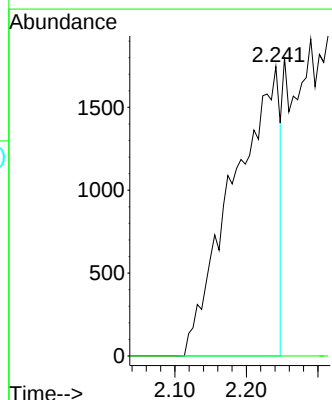
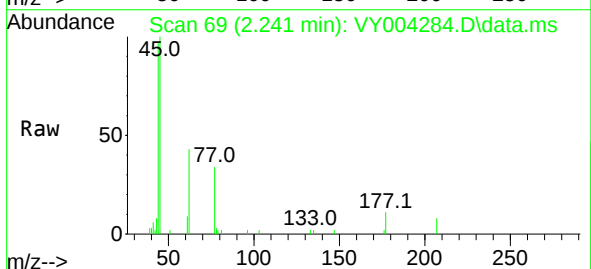
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-040221

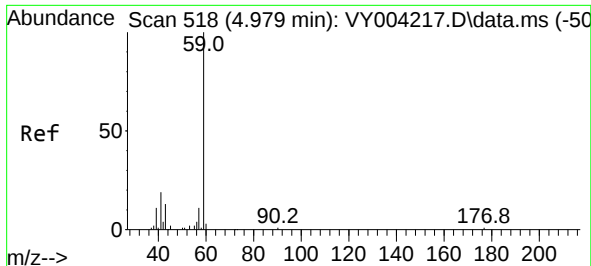
Tgt Ion:168 Resp: 187805
Ion Ratio Lower Upper
168 100
99 54.2 42.6 64.0



#4
Vinyl Chloride
Concen: 3.22 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.012 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08

Tgt Ion: 62 Resp: 7879
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



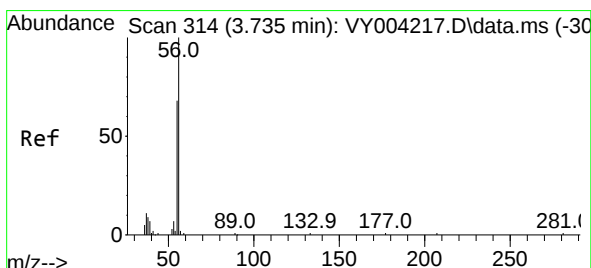
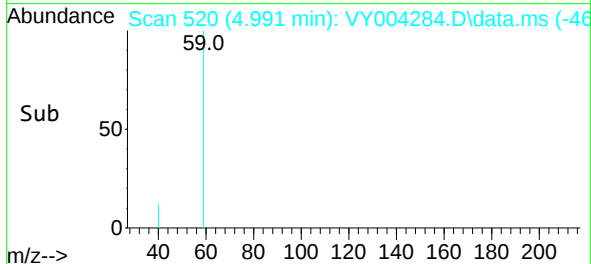
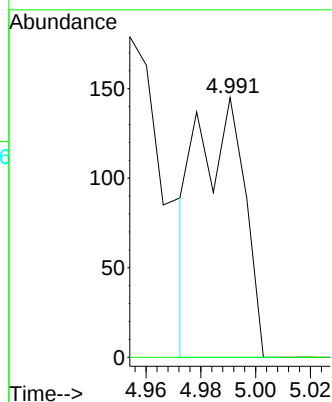
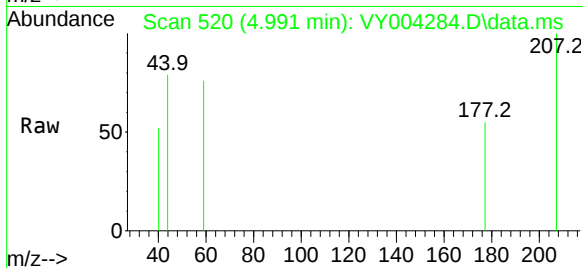


#11

Tert butyl alcohol
Concen: 1.15 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.012 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-040221

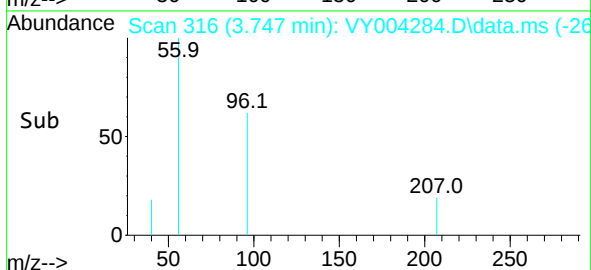
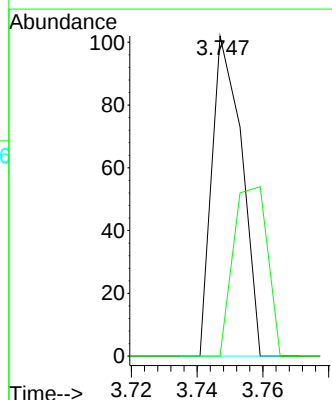
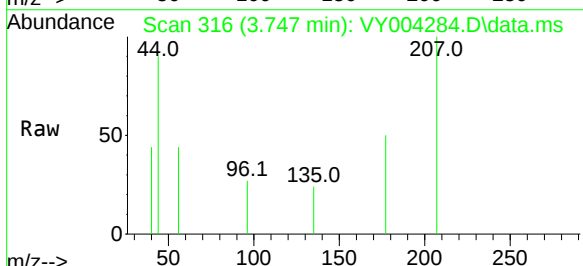
Tgt Ion: 59 Resp: 169
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

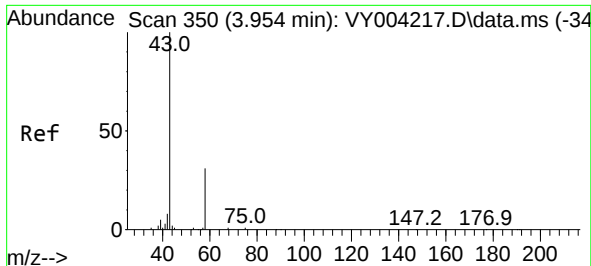


#13

Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08

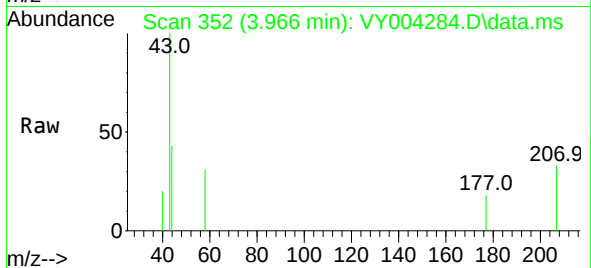
Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 60.9 55.0 82.4



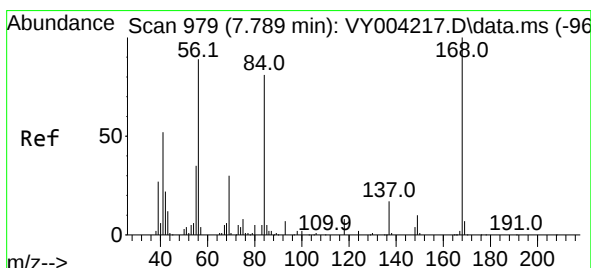
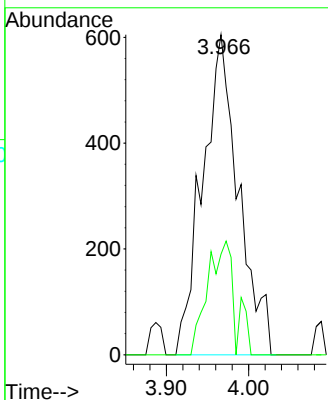
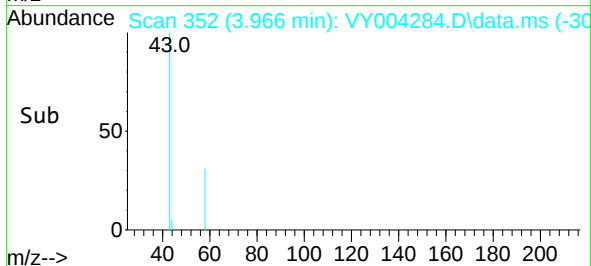


#16
Acetone
Concen: 4.89 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08

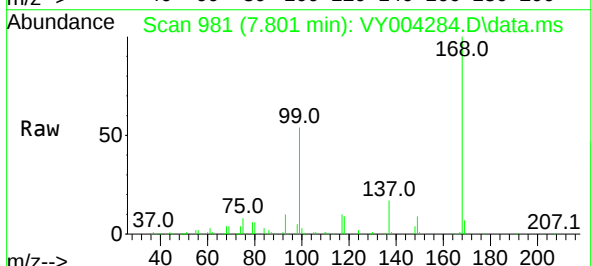
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-040221



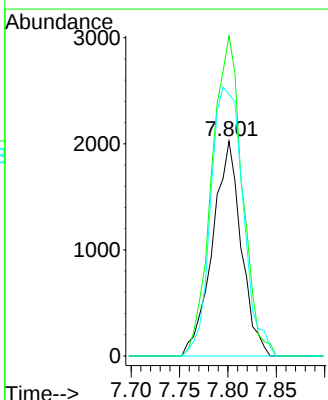
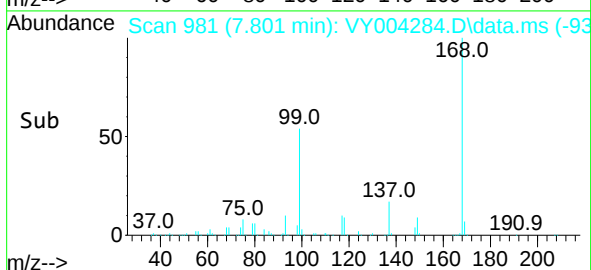
Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
58 31.4 24.5 36.7

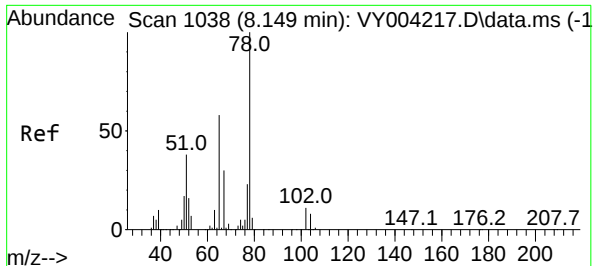


#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08



Tgt Ion: 56 Resp: 4184
Ion Ratio Lower Upper
56 100
69 149.0 26.6 40.0#
84 121.7 72.3 108.5#

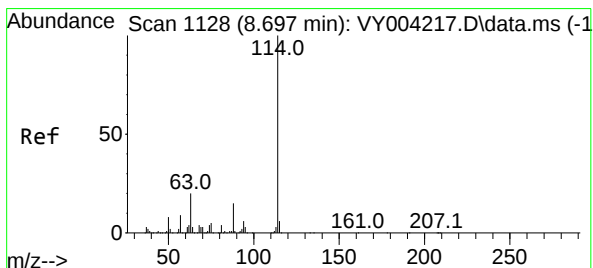
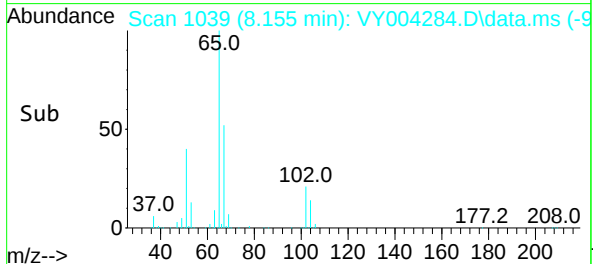
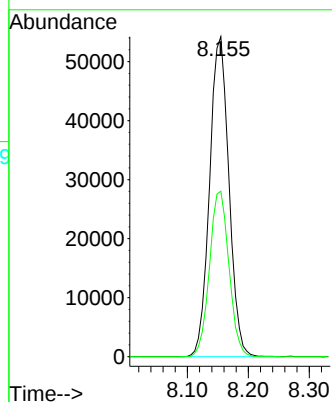
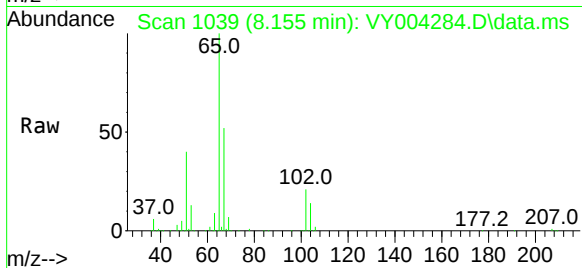




#33
 1,2-Dichloroethane-d4
 Concen: 66.13 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY004284.D
 Acq: 05 Apr 2021 15:08

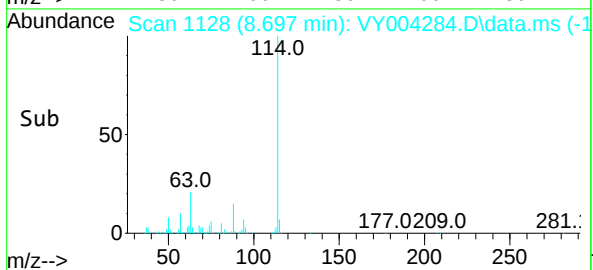
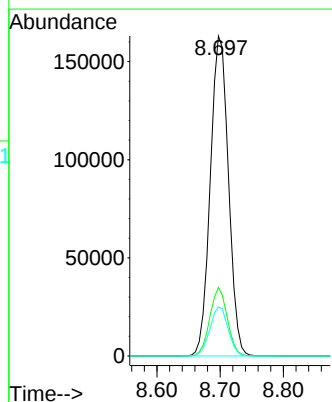
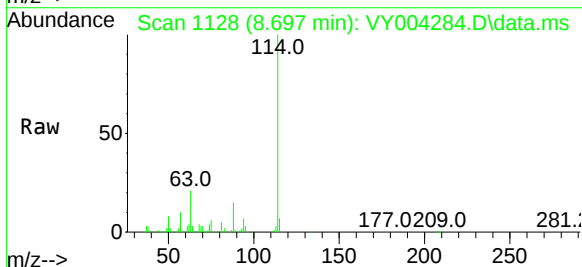
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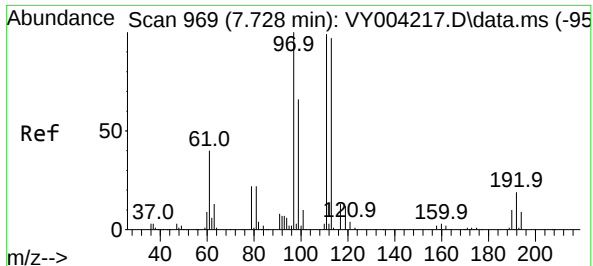
Tgt Ion: 65 Resp: 119399
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004284.D
 Acq: 05 Apr 2021 15:08

Tgt Ion: 114 Resp: 324607
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.4
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 56.07 ug/l

RT: 7.728 min Scan# 969

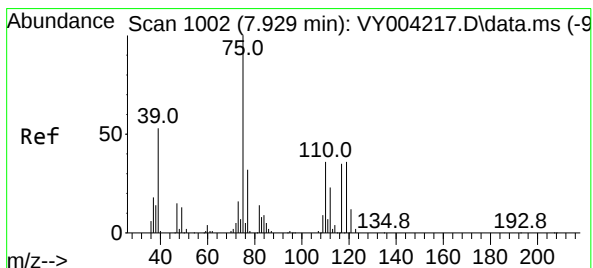
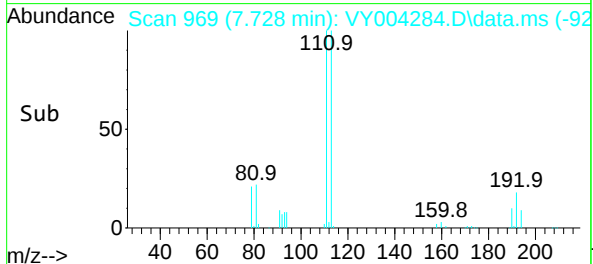
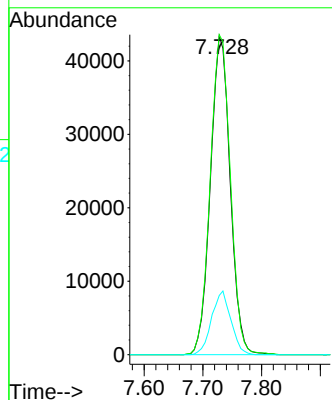
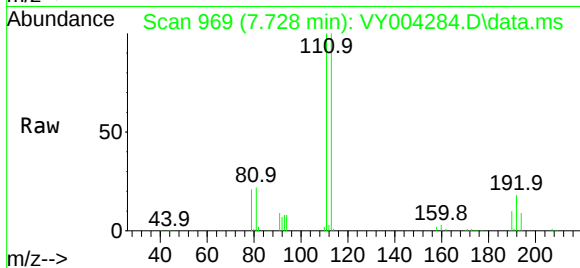
Delta R.T. -0.000 min

Lab File: VY004284.D

Acq: 05 Apr 2021 15:08

Tgt Ion:	113	Resp:	101406
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	19.5	16.4	24.6

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-040221



#36

1,1-Dichloropropene

Concen: 5.04 ug/l

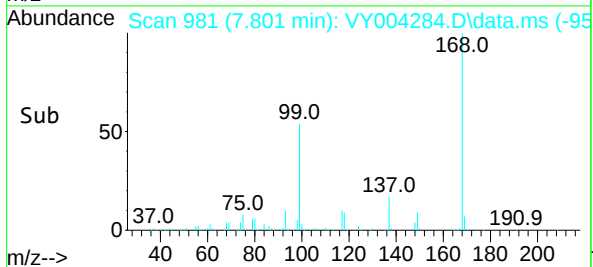
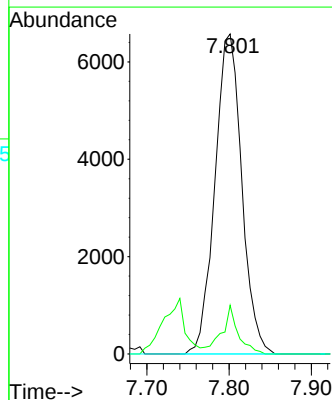
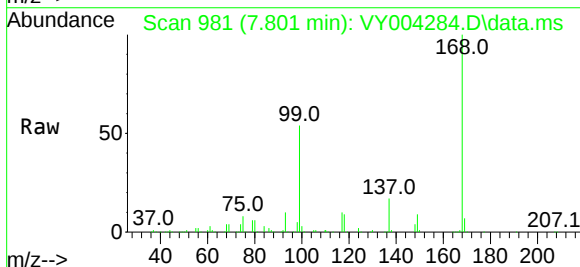
RT: 7.801 min Scan# 981

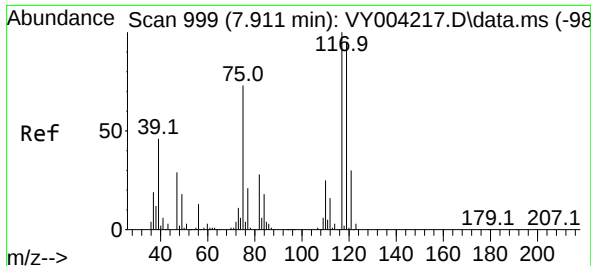
Delta R.T. -0.128 min

Lab File: VY004284.D

Acq: 05 Apr 2021 15:08

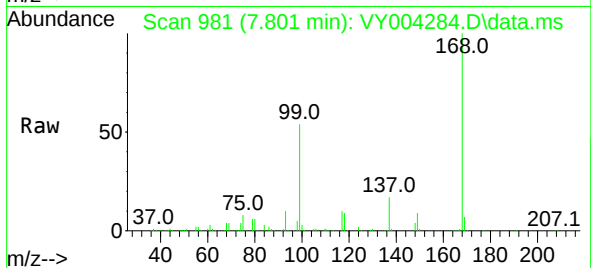
Tgt Ion:	75	Resp:	14920
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.3#
77	0.0	25.1	37.7#



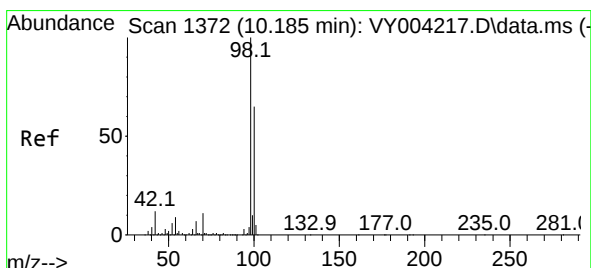
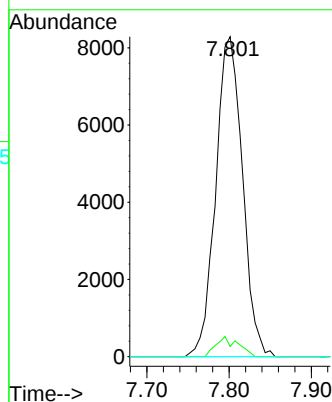
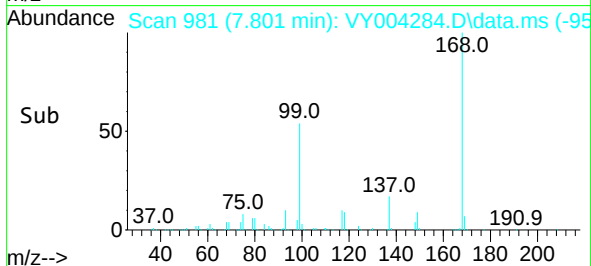


#38
Carbon Tetrachloride
Concen: 7.28 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08

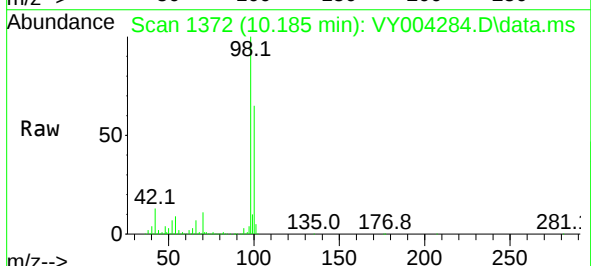
Instrument :
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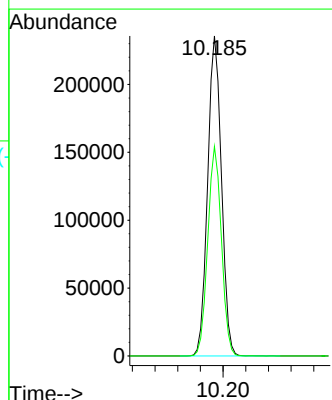
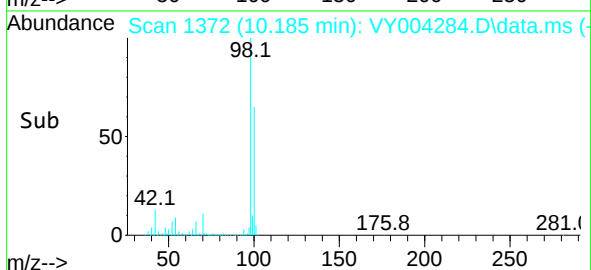
Tgt Ion:117 Resp: 18763
Ion Ratio Lower Upper
117 100
119 3.2 75.6 113.4#
121 0.0 24.3 36.5#

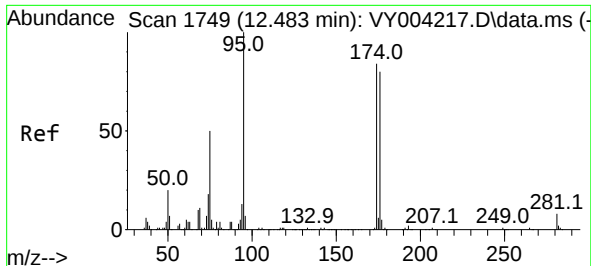


#50
Toluene-d8
Concen: 58.43 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08



Tgt Ion: 98 Resp: 397449
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

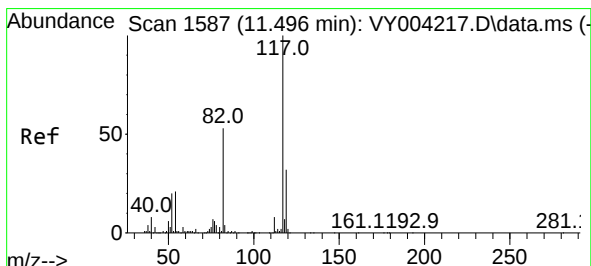
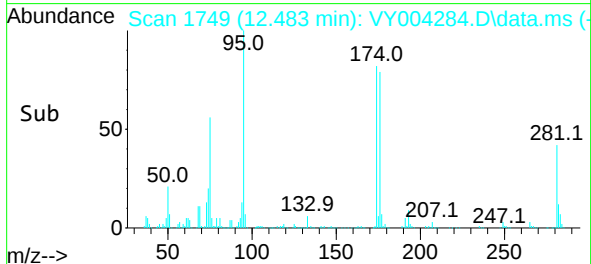
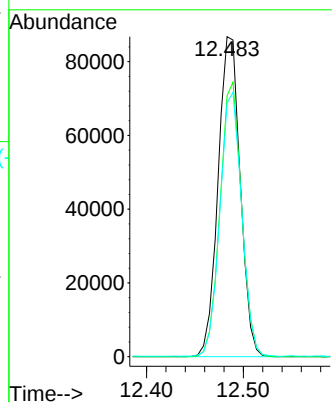
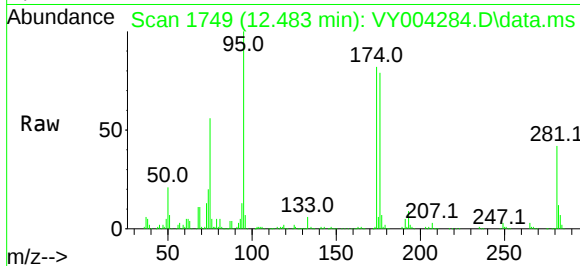




#62
4-Bromofluorobenzene
Concen: 58.99 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08

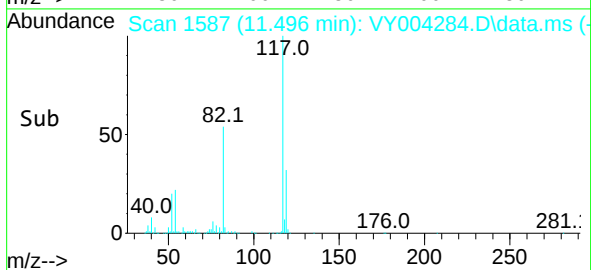
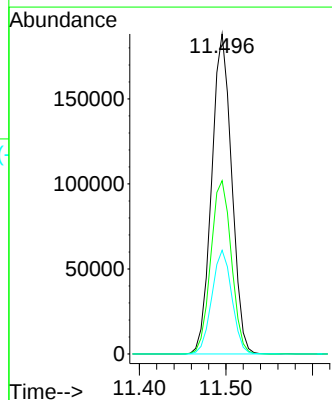
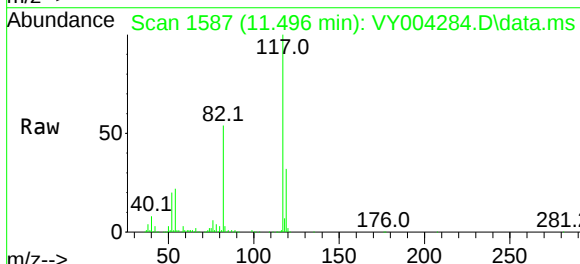
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-040221

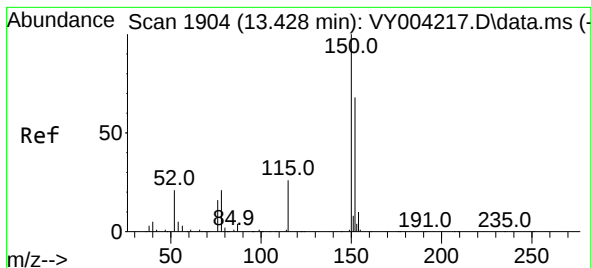
Tgt Ion: 95 Resp: 137545
Ion Ratio Lower Upper
95 100
174 83.5 0.0 171.4
176 81.2 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08

Tgt Ion: 117 Resp: 302122
Ion Ratio Lower Upper
117 100
82 54.2 42.7 64.1
119 32.4 25.7 38.5

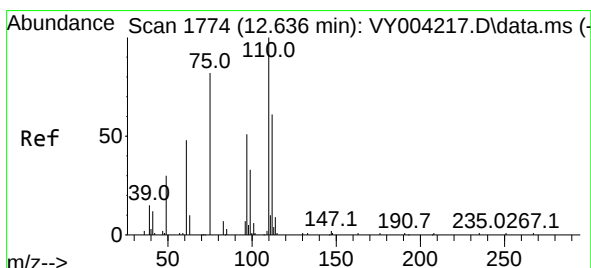
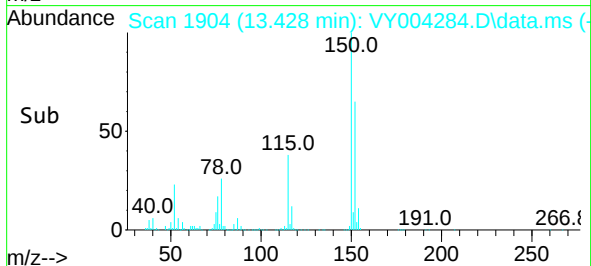
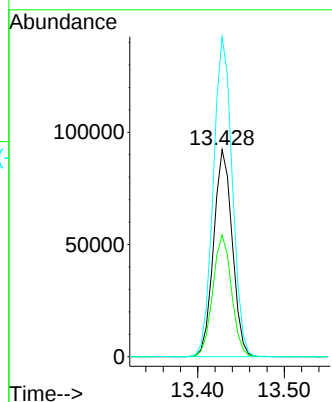
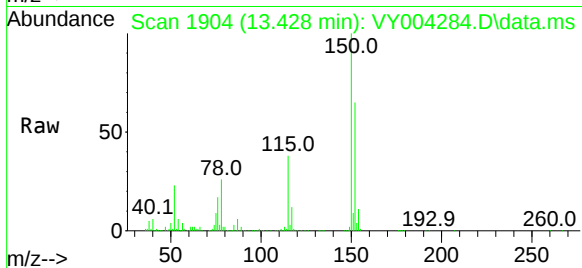




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004284.D
 Acq: 05 Apr 2021 15:08

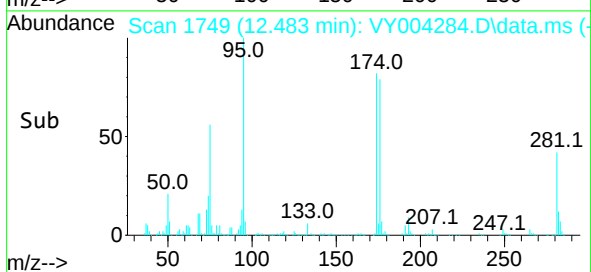
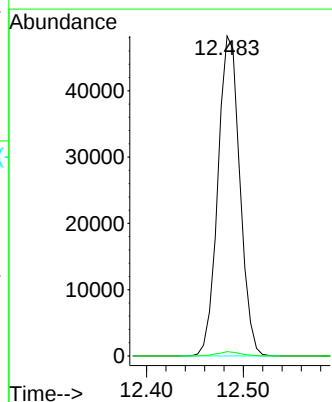
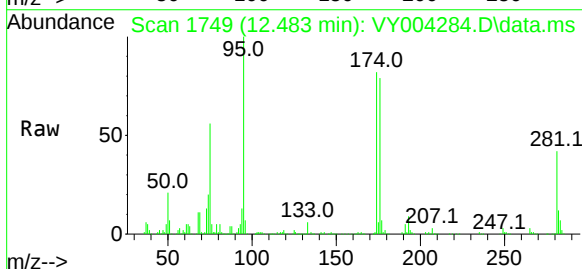
Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-040221

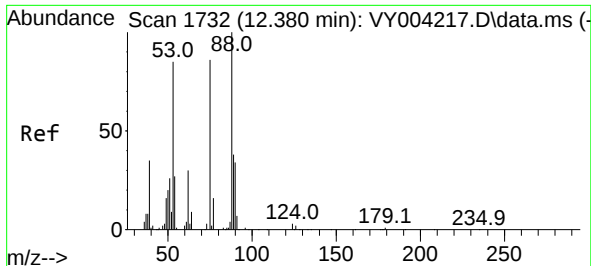
Tgt Ion:152 Resp: 137790
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.0 87.1
 150 157.0 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 60.71 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004284.D
 Acq: 05 Apr 2021 15:08

Tgt Ion: 75 Resp: 75961
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

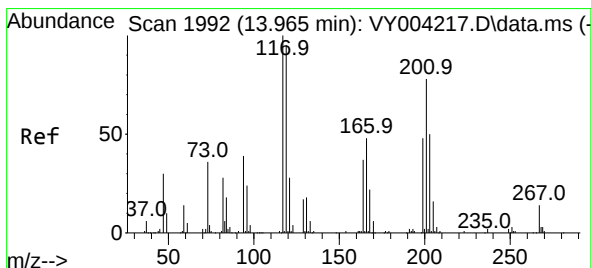
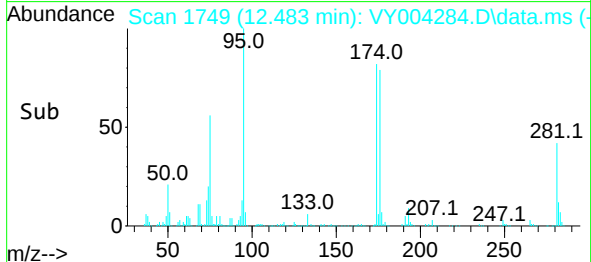
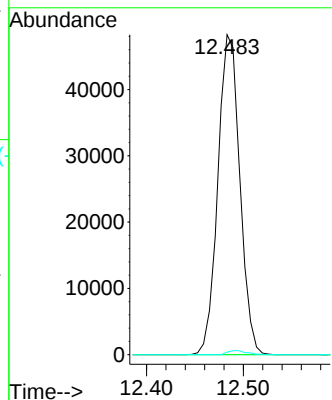
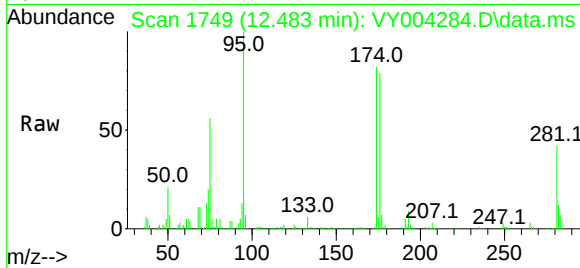




#81
trans-1,4-Dichloro-2-butene
Concen: 111.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-040221

Tgt Ion: 75 Resp: 75961
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 1.1 39.4 59.2#



#90
Hexachloroethane
Concen: 7.31 ug/l
RT: 13.916 min Scan# 1984
Delta R.T. -0.049 min
Lab File: VY004284.D
Acq: 05 Apr 2021 15:08

Tgt Ion: 117 Resp: 23
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

