

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066428.D
 Acq On : 30 Mar 2021 18:29
 Operator : JC/MD
 Sample : M1869-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

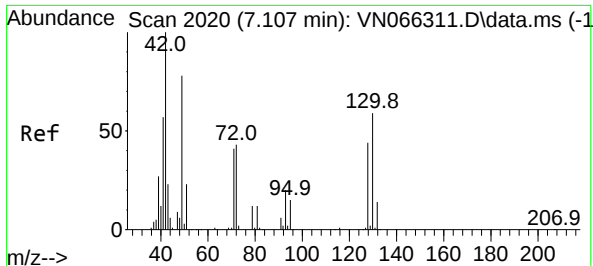
Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20210329

Quant Time: Mar 31 02:55:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.110	128	63271	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.515	114	322731	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	271930	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.949	65	140948	28.98	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.60%
60) 4-Bromofluorobenzene	12.348	95	100351	23.65	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.83%
63) Toluene-d8	10.028	98	395273	30.97	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.23%
Target Compounds						
					Qvalue	
3) Chloromethane	2.019	50	1352	0.30	ug/l	93
13) Acrolein	3.532	56	566	Below Cal	#	45
36) 1,2-Dichloroethane	8.518	62	10747	1.99	ug/l #	76
47) n-amyl Acetate	12.031	43	62	6.15	ug/l #	54
50) 1,1,2-Trichloroethane	10.036	97	14857	4.06	ug/l #	1
51) Ethyl methacrylate	10.028	69	1638	0.29	ug/l	87
77) t-1,4-Dichloro-2-butene	12.348	75	50323	32.06	ug/l #	10

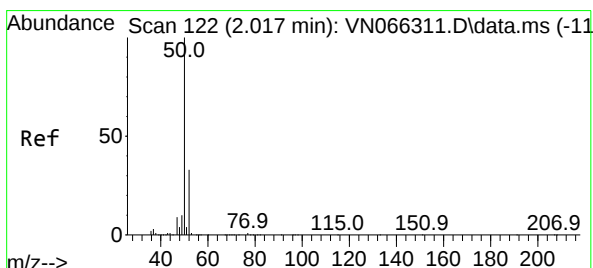
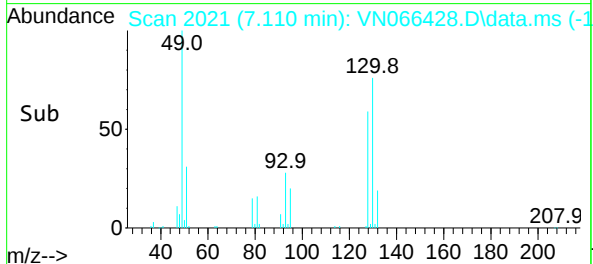
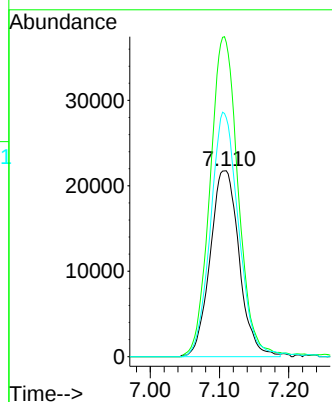
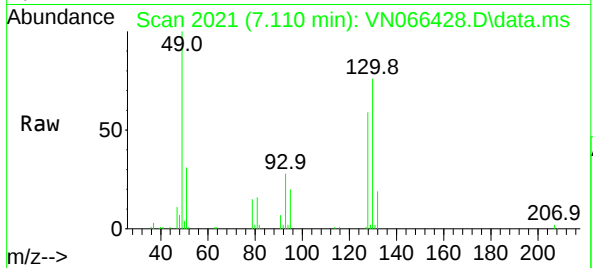
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.110 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VN066428.D
Acq: 30 Mar 2021 18:29

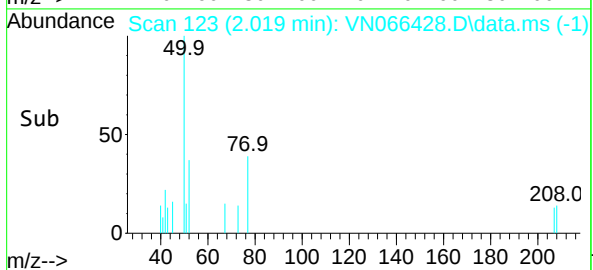
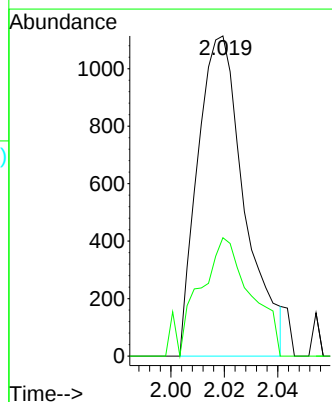
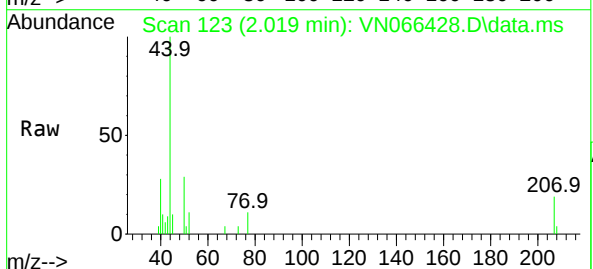
Instrument :
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TT-TB-20210329

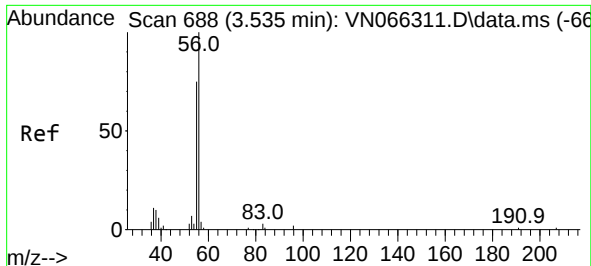
Tgt Ion:128 Resp: 63271
Ion Ratio Lower Upper
128 100
49 166.0 0.0 429.3
130 127.2 0.0 328.5



#3
Chloromethane
Concen: 0.30 ug/l
RT: 2.019 min Scan# 123
Delta R.T. 0.002 min
Lab File: VN066428.D
Acq: 30 Mar 2021 18:29

Tgt Ion: 50 Resp: 1352
Ion Ratio Lower Upper
50 100
52 37.0 26.2 39.4

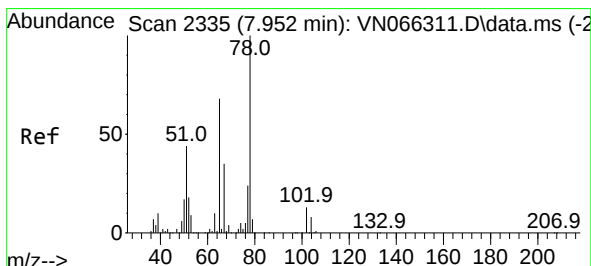
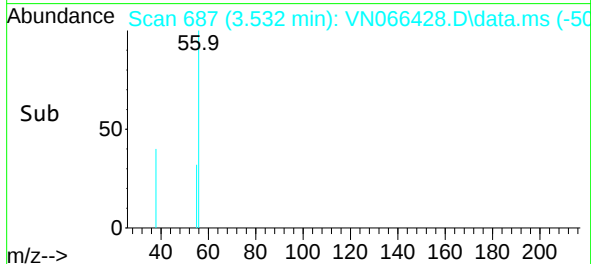
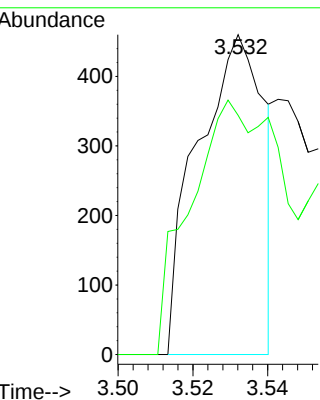
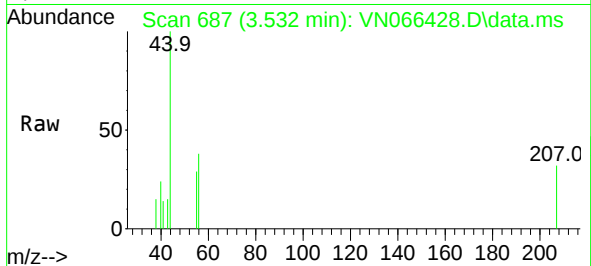




#13
Acrolein
Concen: Below Cal
RT: 3.532 min Scan# 687
Delta R.T. -0.003 min
Lab File: VN066428.D
Acq: 30 Mar 2021 18:29

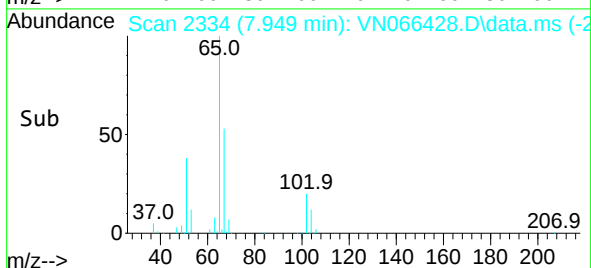
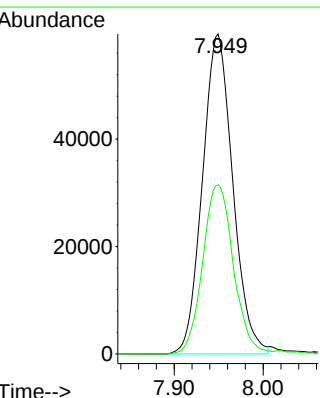
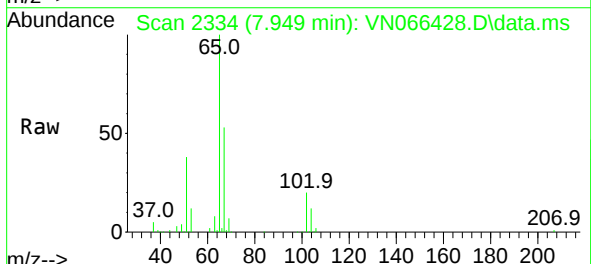
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210329

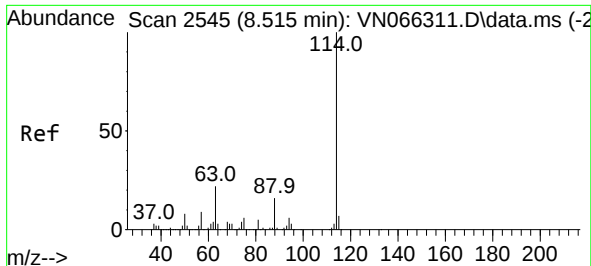
Tgt Ion: 56 Resp: 566
Ion Ratio Lower Upper
56 100
55 23.7 54.1 81.1#



#27
1,2-Dichloroethane-d4
Concen: 28.98 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.003 min
Lab File: VN066428.D
Acq: 30 Mar 2021 18:29

Tgt Ion: 65 Resp: 140948
Ion Ratio Lower Upper
65 100
67 53.5 42.2 63.4





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.515 min Scan# 2545

Delta R.T. 0.000 min

Lab File: VN066428.D

Acq: 30 Mar 2021 18:29

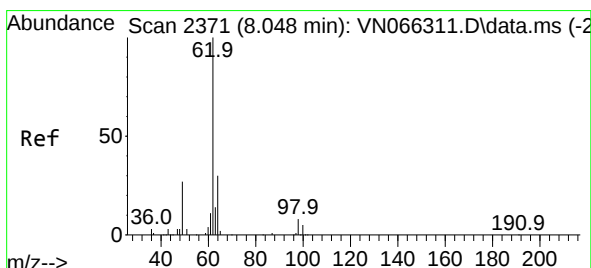
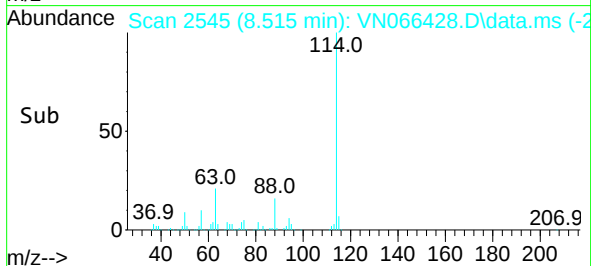
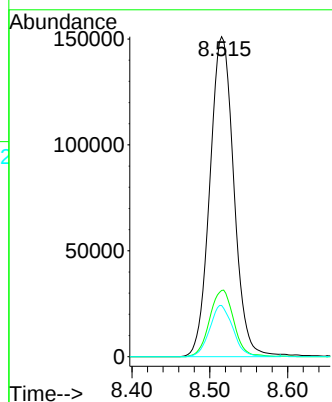
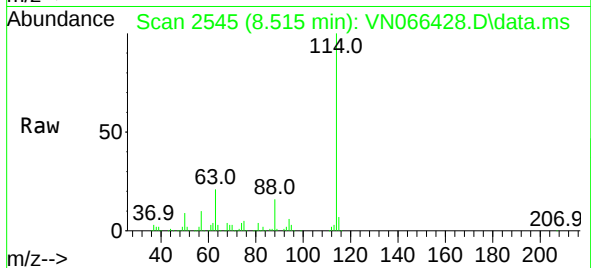
Tgt Ion:114 Resp: 322731

Ion Ratio Lower Upper

114 100

63 20.9 17.4 26.0

88 15.5 12.6 19.0



#36

1,2-Dichloroethane

Concen: 1.99 ug/l

RT: 8.518 min Scan# 2546

Delta R.T. 0.470 min

Lab File: VN066428.D

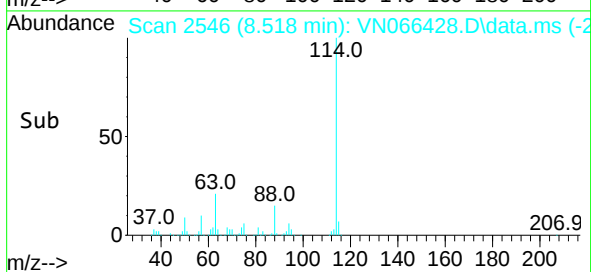
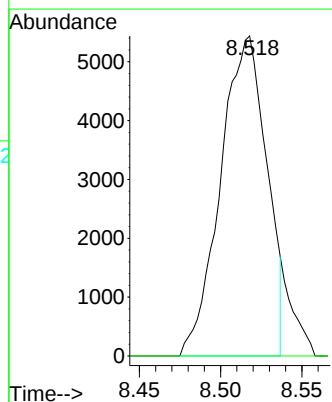
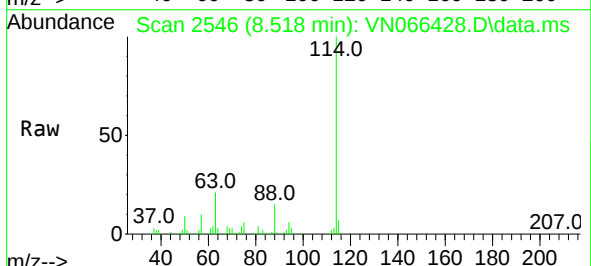
Acq: 30 Mar 2021 18:29

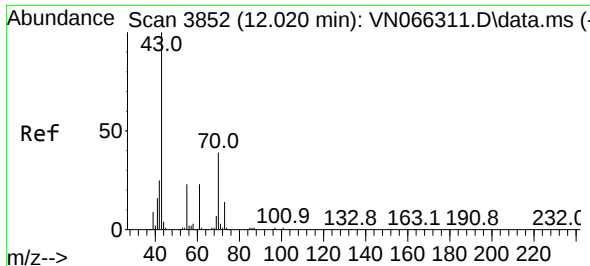
Tgt Ion: 62 Resp: 10747

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#

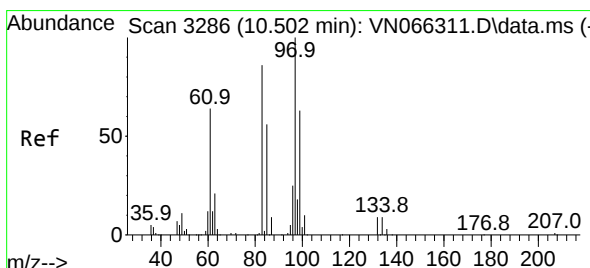
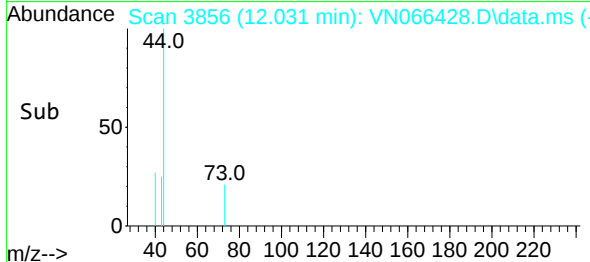
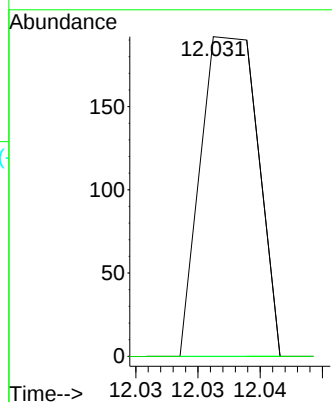
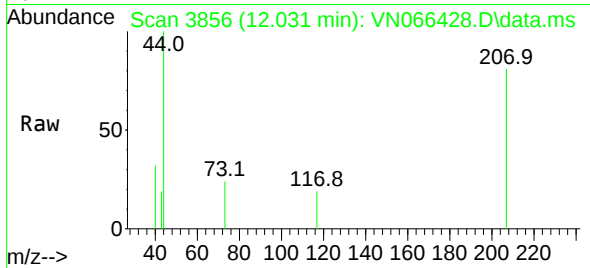




#47
n-amy1 Acetate
Concen: 6.15 ug/l
RT: 12.031 min Scan# 3856
Delta R.T. 0.011 min
Lab File: VN066428.D
Acq: 30 Mar 2021 18:29

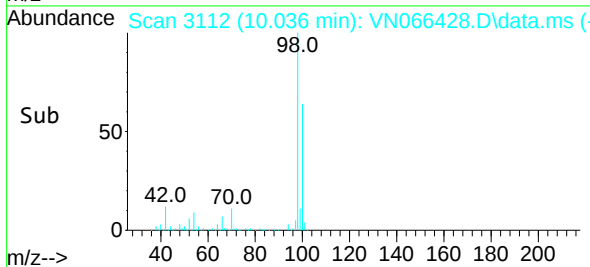
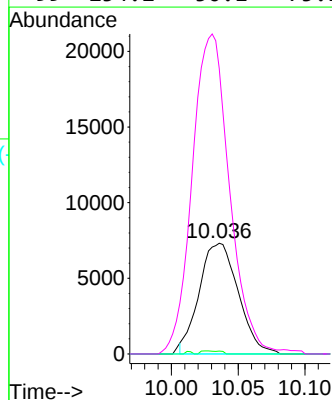
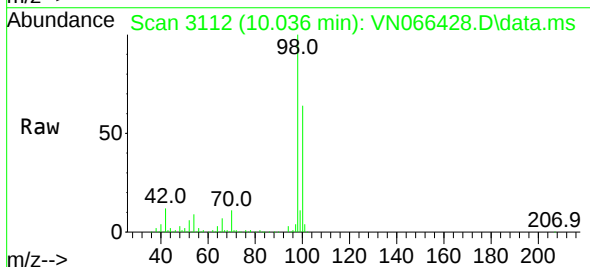
Instrument :
MSVOA_N
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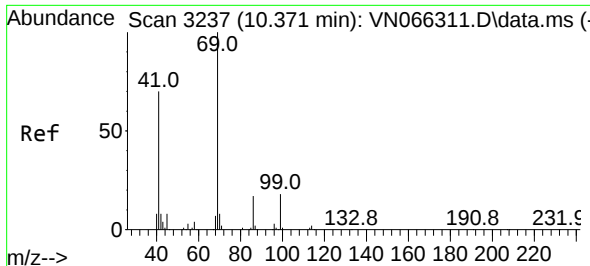
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
55 0.0 17.7 26.5#



#50
1,1,2-Trichloroethane
Concen: 4.06 ug/l
RT: 10.036 min Scan# 3112
Delta R.T. -0.466 min
Lab File: VN066428.D
Acq: 30 Mar 2021 18:29

Tgt Ion: 97 Resp: 14857
Ion Ratio Lower Upper
97 100
83 2.6 68.8 103.2#
85 0.0 44.8 67.2#
99 254.2 50.1 75.1#

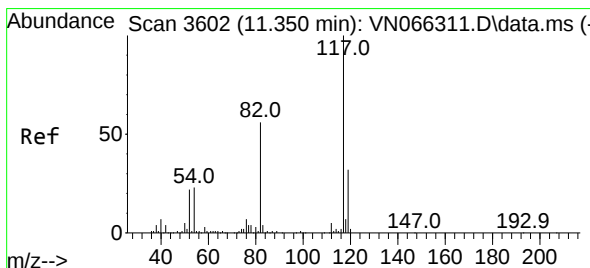
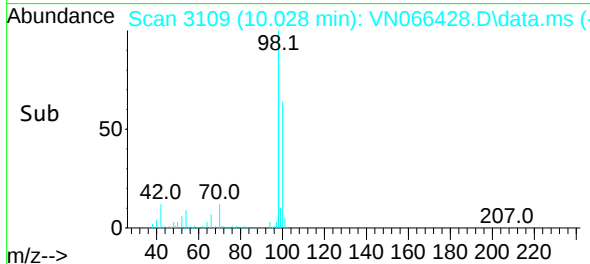
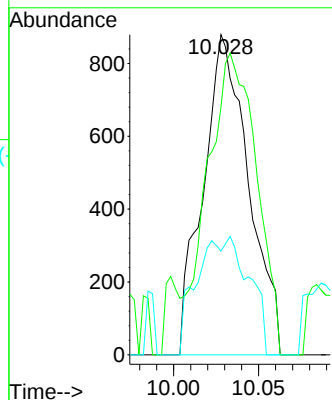
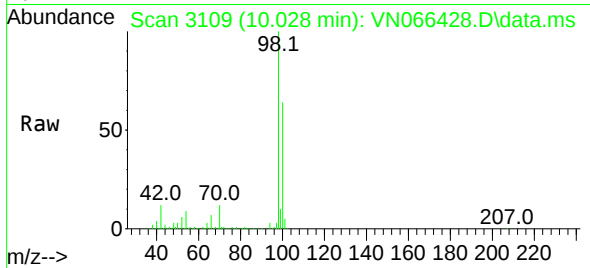




#51
Ethyl methacrylate
Concen: 0.29 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.343 min
Lab File: VN066428.D
Acq: 30 Mar 2021 18:29

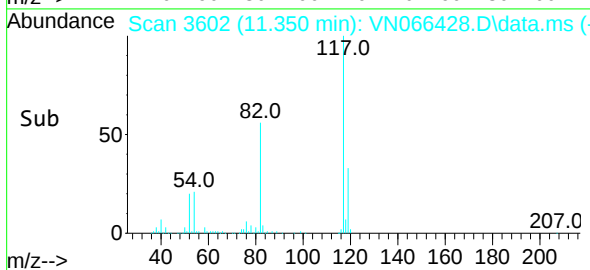
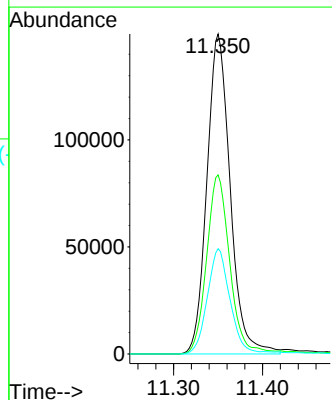
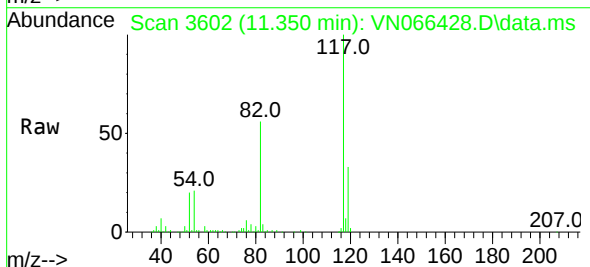
Instrument :
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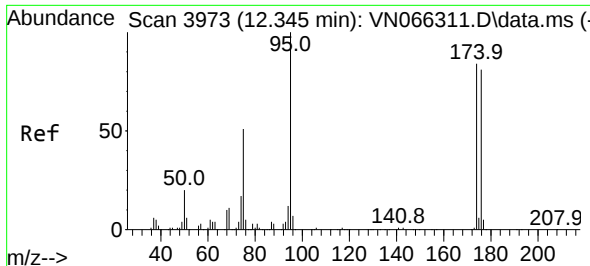
Tgt Ion: 69 Resp: 1638
Ion Ratio Lower Upper
69 100
41 77.5 34.8 104.5
39 32.4 22.5 67.5



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066428.D
Acq: 30 Mar 2021 18:29

Tgt Ion: 117 Resp: 271930
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.6
119 31.7 25.5 38.3

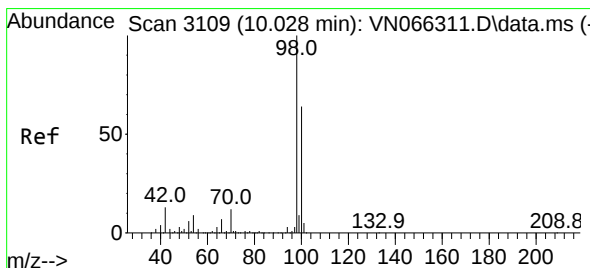
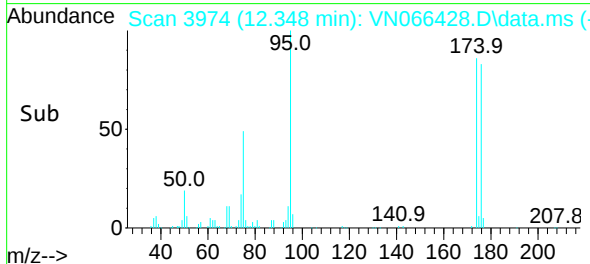
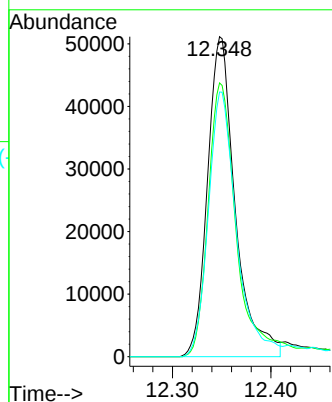
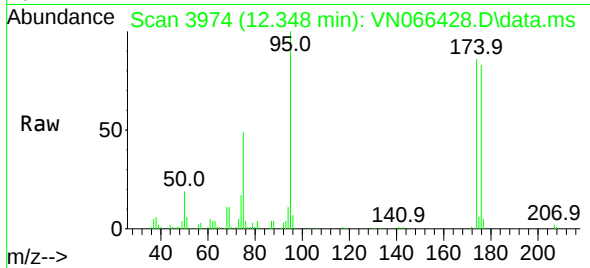




#60
4-Bromofluorobenzene
Concen: 23.65 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VN066428.D
Acq: 30 Mar 2021 18:29

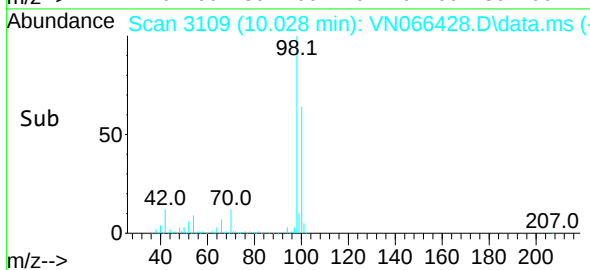
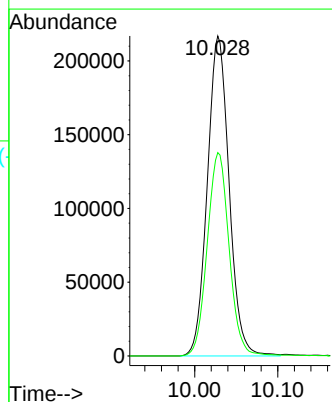
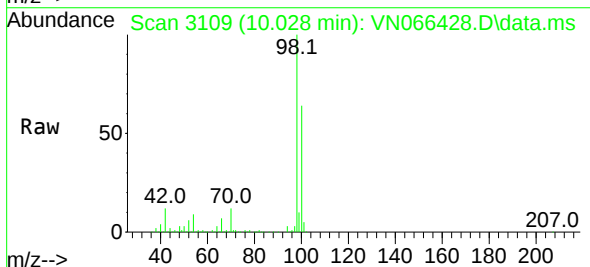
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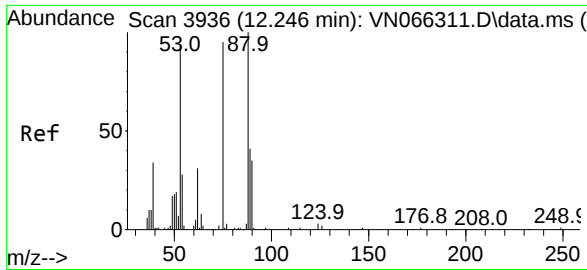
Tgt Ion: 95 Resp: 100351
Ion Ratio Lower Upper
95 100
174 87.6 68.1 102.1
176 83.9 65.4 98.0



#63
Toluene-d8
Concen: 30.97 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066428.D
Acq: 30 Mar 2021 18:29

Tgt Ion: 98 Resp: 395273
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7





#77
t-1,4-Dichloro-2-butene
Concen: 32.06 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.102 min
Lab File: VN066428.D
Acq: 30 Mar 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210329

Tgt Ion: 75 Resp: 50323
Ion Ratio Lower Upper
75 100
53 0.0 49.6 149.0#
89 0.0 22.9 68.7#

