

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
 Data File : VN067403.D
 Acq On : 18 Jun 2021 16:26
 Operator : JC/MD
 Sample : M2762-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC_SOLIDS DBD

Quant Time: Jun 19 00:40:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

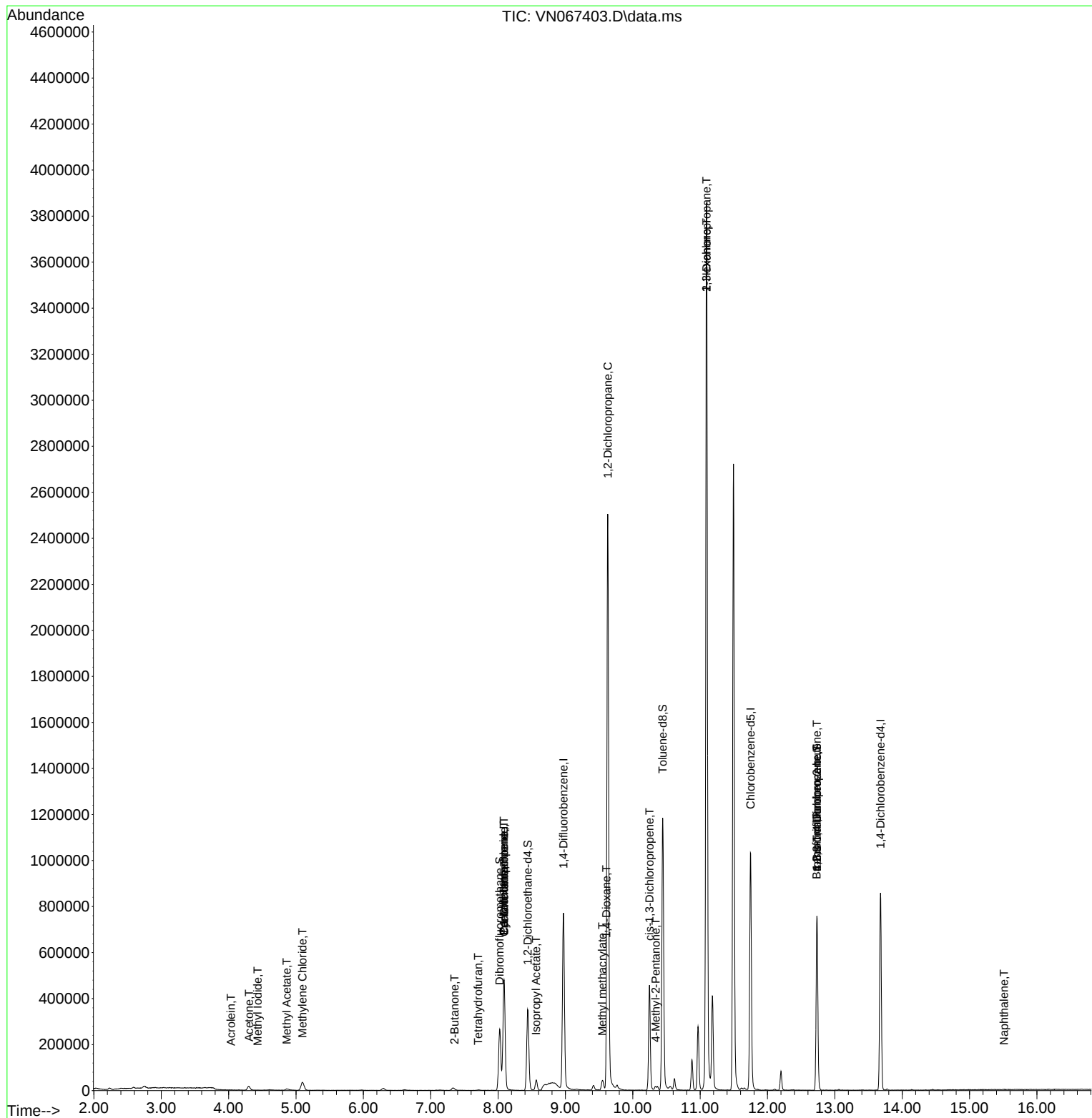
Internal Standards						
1) Pentafluorobenzene	8.088	168	305410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	629686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	551232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	197136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	295193	48.995	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.000%		
35) Dibromofluoromethane	8.024	113	191435	45.711	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.420%		
50) Toluene-d8	10.443	98	817454	50.927	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.860%		
62) 4-Bromofluorobenzene	12.733	95	283188	42.750	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.500%		
Target Compounds						Qvalue
10) Methyl Iodide	4.433	142	82	6.762	ug/l #	33
13) Acrolein	4.033	56	302	0.488	ug/l #	44
16) Acetone	4.304	43	31478	13.615	ug/l	95
18) Methyl Acetate	4.862	43	6460	1.152	ug/l #	86
20) Methylene Chloride	5.095	84	28047	5.830	ug/l	89
25) 2-Butanone	7.353	43	5162	1.562	ug/l	100
29) Tetrahydrofuran	7.705	42	1049	0.504	ug/l #	73
31) Cyclohexane	8.091	56	10764	1.314	ug/l #	23
36) 1,1-Dichloropropene	8.088	75	36110	5.115	ug/l #	51
38) Carbon Tetrachloride	8.088	117	37631	4.959	ug/l #	16
43) Isopropyl Acetate	8.566	43	53205	3.963	ug/l #	92
45) 1,2-Dichloropropane	9.630	63	3089	0.588	ug/l #	44
48) Methyl methacrylate	9.547	41	11373	1.858	ug/l #	13
49) 1,4-Dioxane	9.606	88	26	0.310	ug/l #	20
51) 4-Methyl-2-Pentanone	10.341	43	11870	1.536	ug/l	98
54) cis-1,3-Dichloropropene	10.247	75	82706	9.214	ug/l #	56
57) 1,3-Dichloropropane	11.095	76	40571	4.637	ug/l #	43
59) 2-Hexanone	11.095	43	644924	113.898	ug/l #	53
71) Bromoform	12.731	173	937	0.275	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	166039	32.434	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	166039	80.381	ug/l #	6
95) Naphthalene	15.509	128	1704	2.742	ug/l #	74

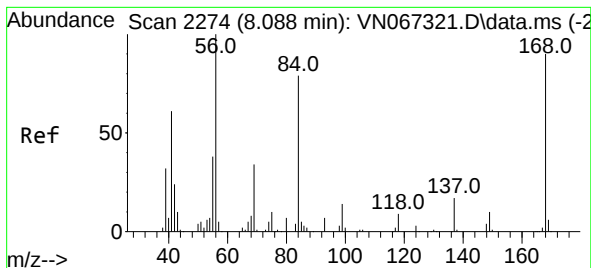
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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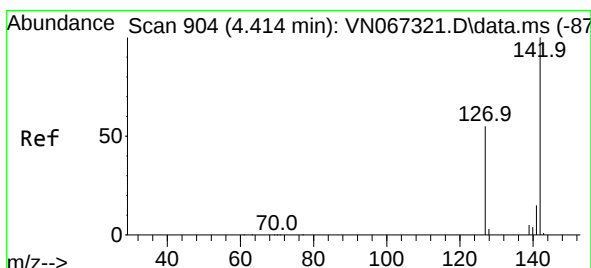
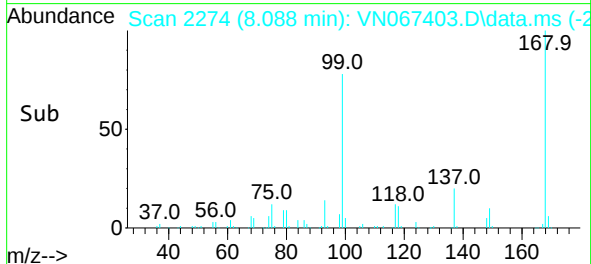
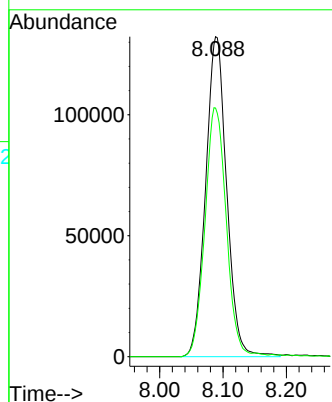
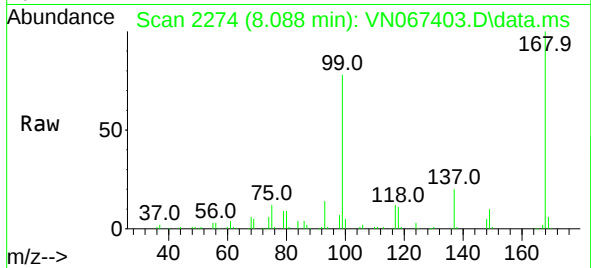




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

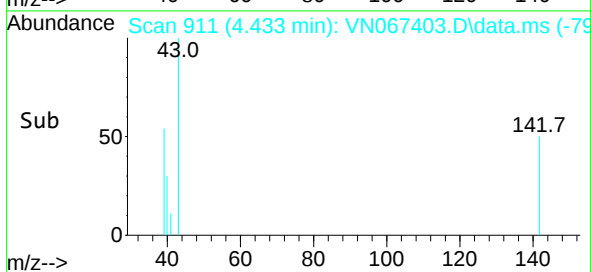
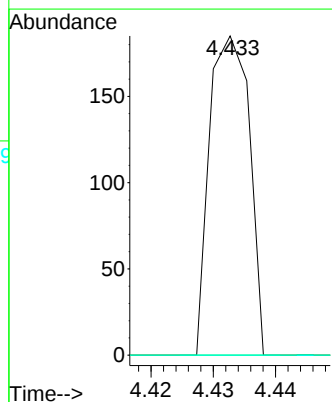
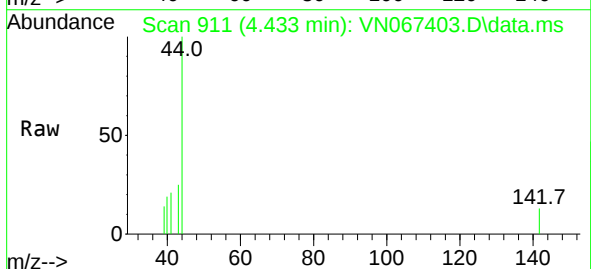
Instrument :
MSVOA_N
ClientSampleId :
WC_SOLIDS DBD

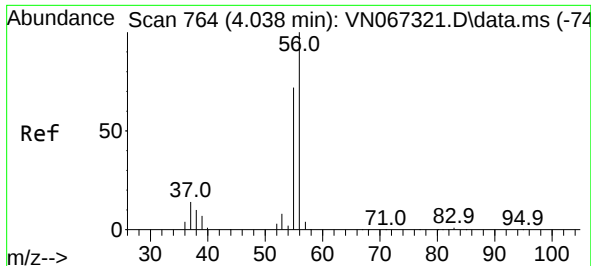
Tgt Ion:168 Resp: 305410
Ion Ratio Lower Upper
168 100
99 77.7 62.9 94.3



#10
Methyl Iodide
Concen: 6.762 ug/l
RT: 4.433 min Scan# 911
Delta R.T. 0.019 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Tgt Ion:142 Resp: 82
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#

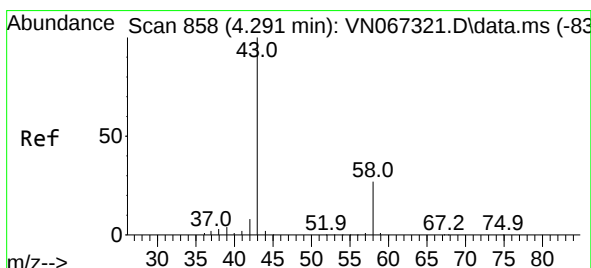
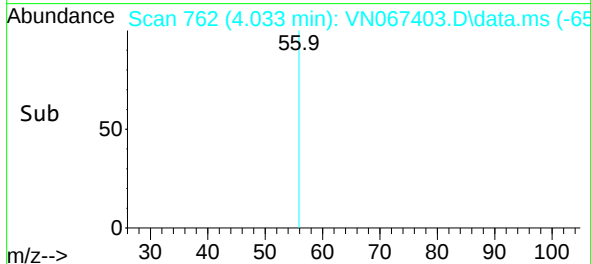
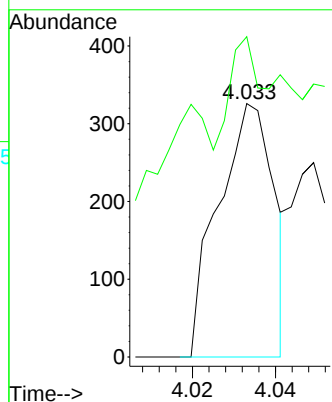
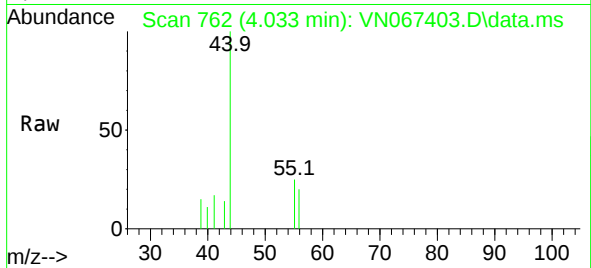




#13
Acrolein
Concen: 0.488 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.005 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

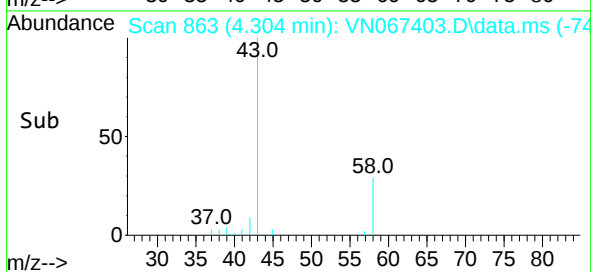
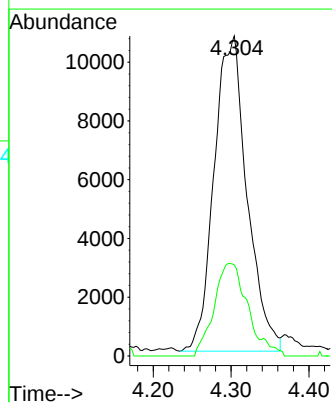
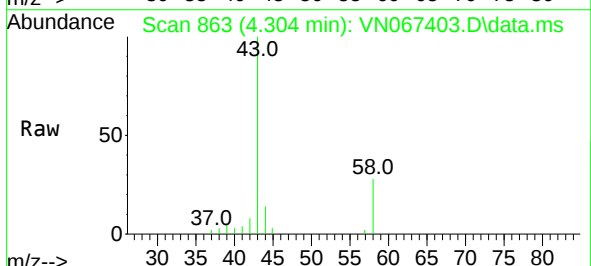
Instrument :
MSVOA_N
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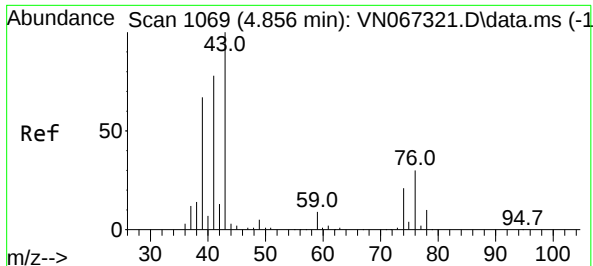
Tgt Ion: 56 Resp: 302
Ion Ratio Lower Upper
56 100
55 25.2 57.4 86.0#



#16
Acetone
Concen: 13.615 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Tgt Ion: 43 Resp: 31478
Ion Ratio Lower Upper
43 100
58 28.9 21.2 31.8





#18

Methyl Acetate

Concen: 1.152 ug/l

RT: 4.862 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN067403.D

Acq: 18 Jun 2021 16:26

Tgt Ion: 43 Resp: 6460

Ion Ratio Lower Upper

43 100

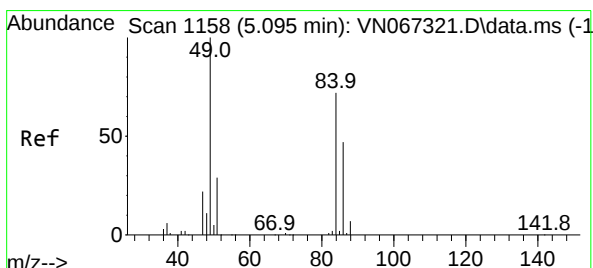
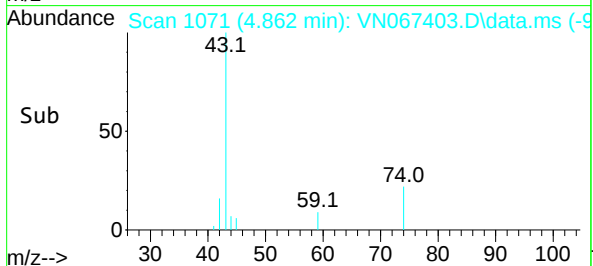
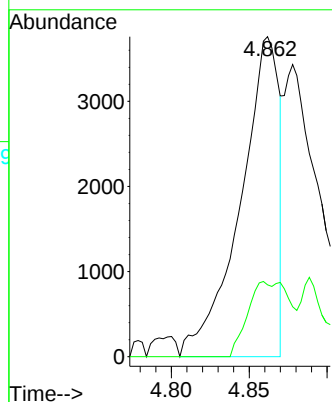
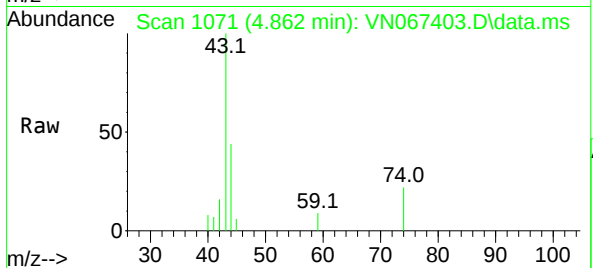
74 15.0 17.4 26.0#

Instrument :

MSVOA_N

ClientSampleId :

WC SOLIDS DBD



#20

Methylene Chloride

Concen: 5.830 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN067403.D

Acq: 18 Jun 2021 16:26

Tgt Ion: 84 Resp: 28047

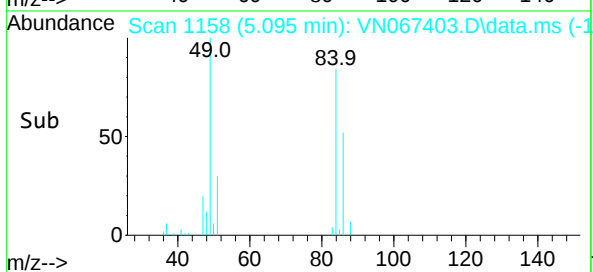
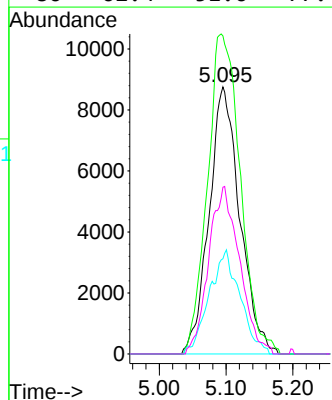
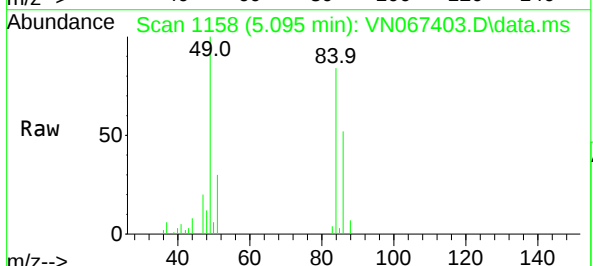
Ion Ratio Lower Upper

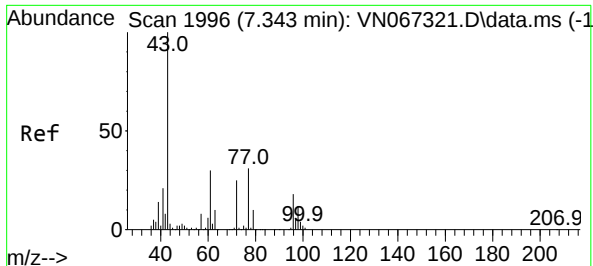
84 100

49 119.1 110.9 166.3

51 35.7 32.6 49.0

86 62.4 51.6 77.4

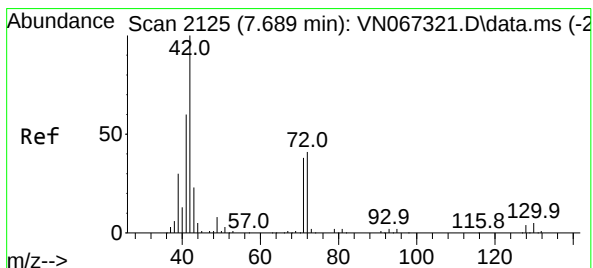
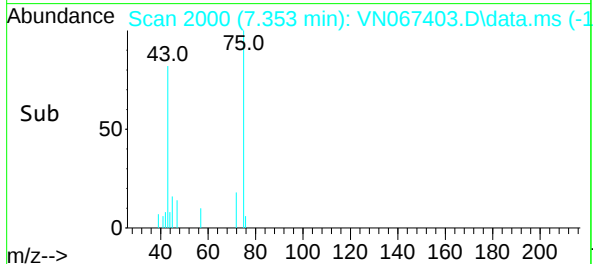
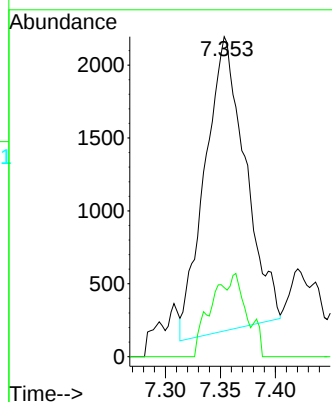
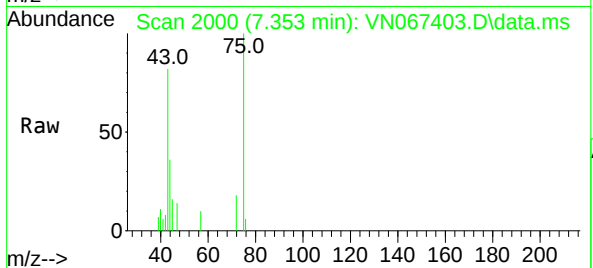




#25
2-Butanone
Concen: 1.562 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.010 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

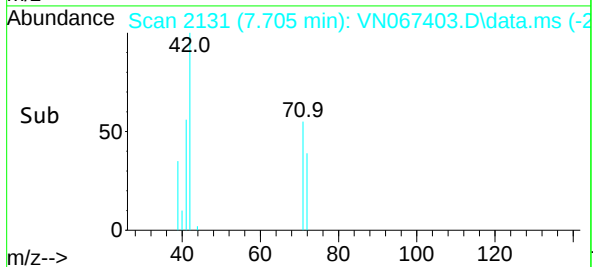
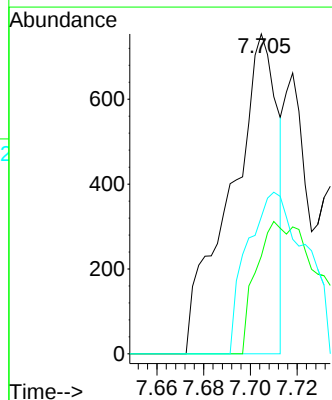
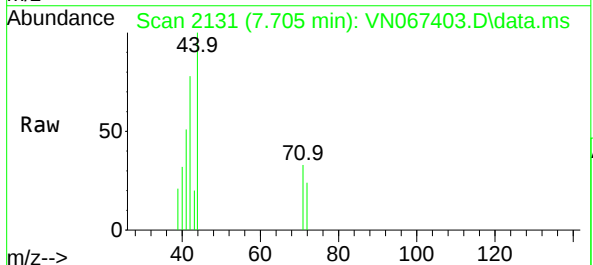
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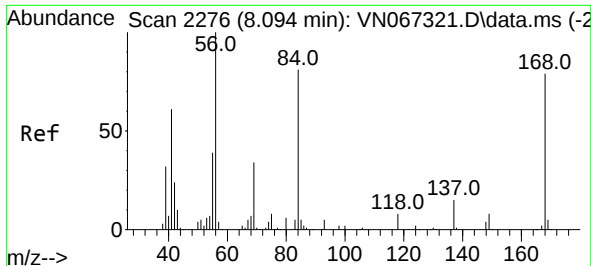
Tgt Ion: 43 Resp: 5162
Ion Ratio Lower Upper
43 100
72 24.5 19.7 29.5



#29
Tetrahydrofuran
Concen: 0.504 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.016 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Tgt Ion: 42 Resp: 1049
Ion Ratio Lower Upper
42 100
72 51.0 32.8 49.2#
71 63.0 31.2 46.8#

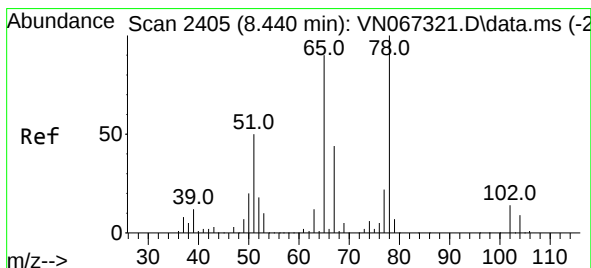
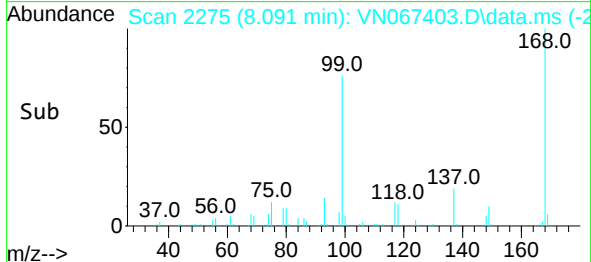
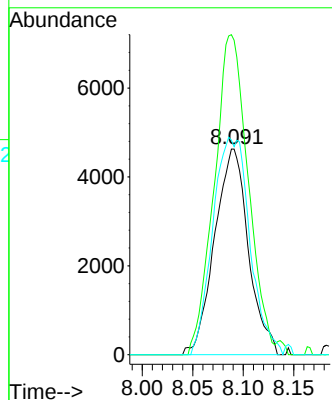
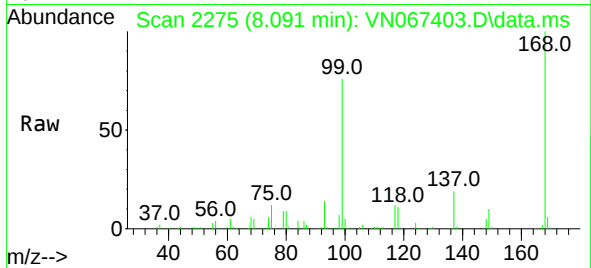




#31
Cyclohexane
Concen: 1.314 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

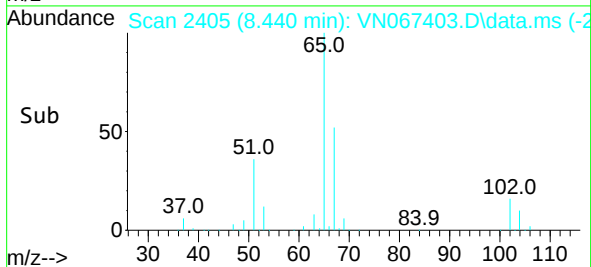
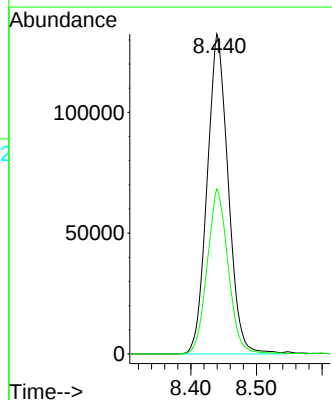
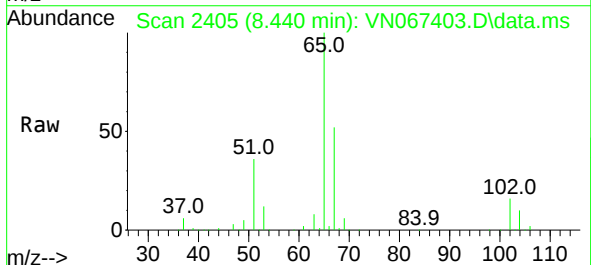
Instrument :
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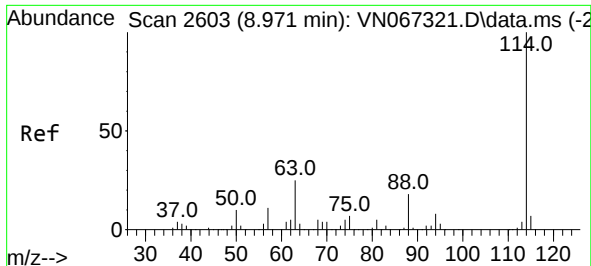
Tgt Ion: 56 Resp: 10764
Ion Ratio Lower Upper
56 100
69 152.9 27.3 40.9#
84 101.1 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 48.995 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Tgt Ion: 65 Resp: 295193
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6

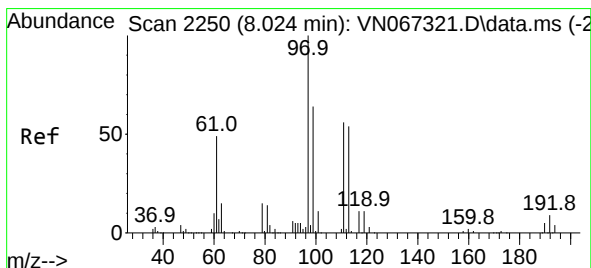
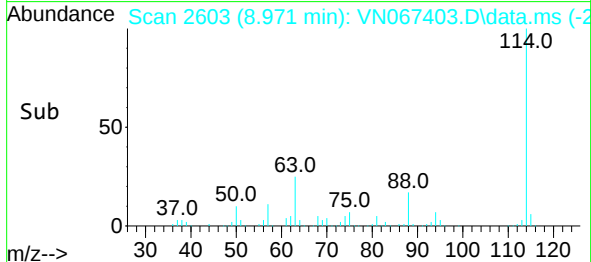
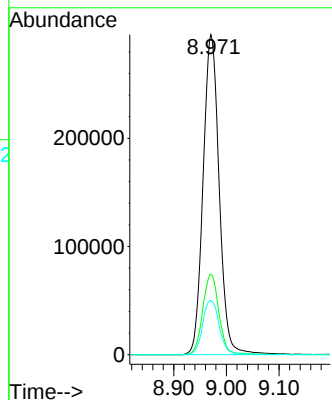
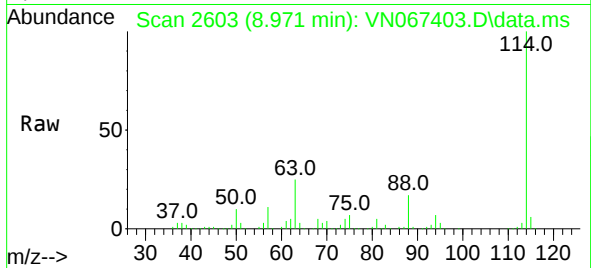




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

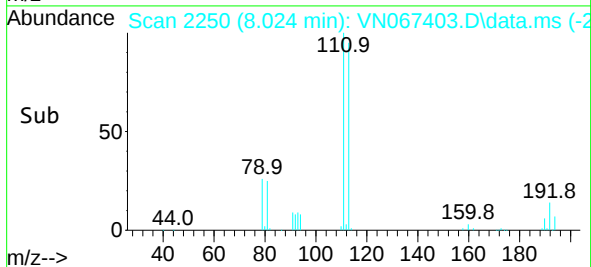
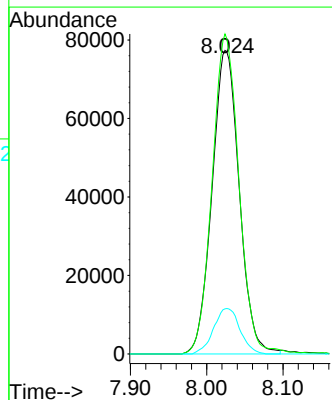
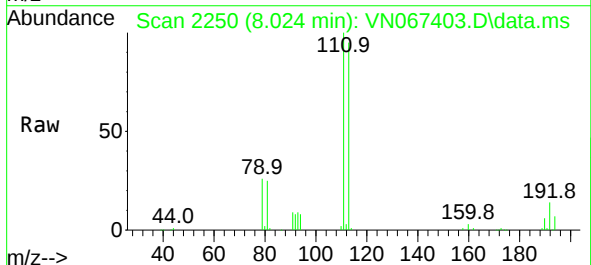
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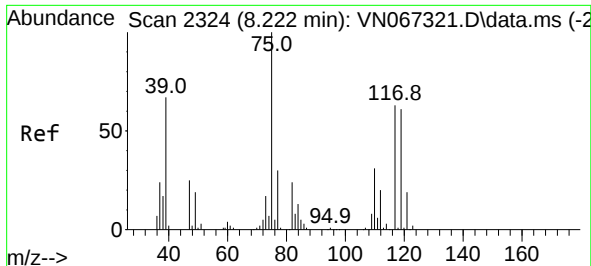
Tgt Ion:114 Resp: 629686
Ion Ratio Lower Upper
114 100
63 25.2 0.0 49.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.711 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Tgt Ion:113 Resp: 191435
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.8
192 14.6 13.4 20.0





#36

1,1-Dichloropropene

Concen: 5.115 ug/l

RT: 8.088 min Scan# 2274

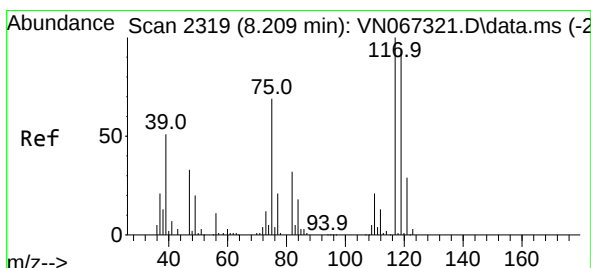
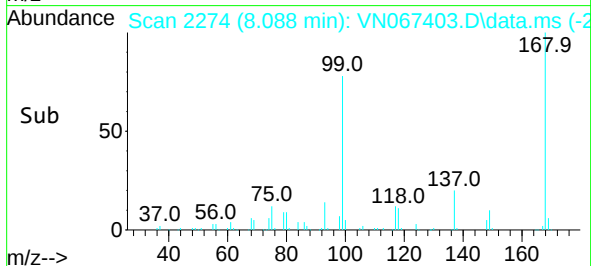
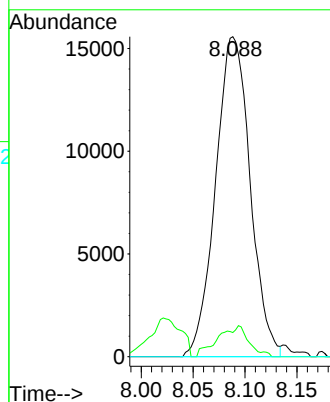
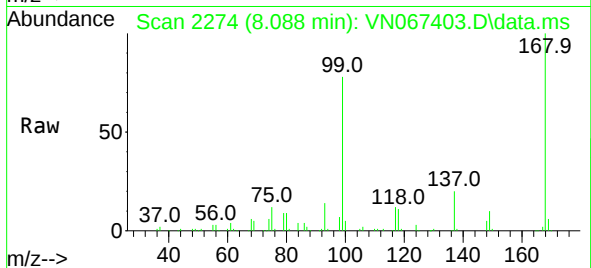
Delta R.T. -0.134 min

Lab File: VN067403.D

Acq: 18 Jun 2021 16:26

Tgt Ion: 75	Resp: 36110
Ion Ratio	Lower Upper
75 100	
110 8.7	15.7 47.0#
77 0.0	24.6 37.0#

Instrument :
MSVOA_N
ClientSampleId :
WC_SOLIDS DBD



#38

Carbon Tetrachloride

Concen: 4.959 ug/l

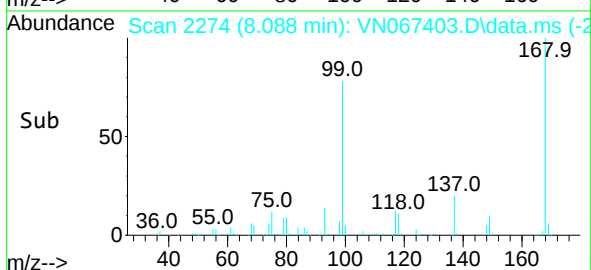
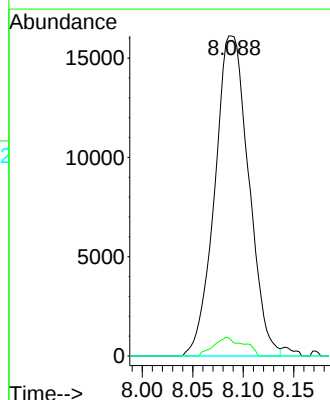
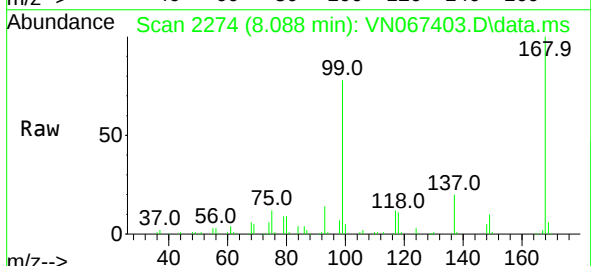
RT: 8.088 min Scan# 2274

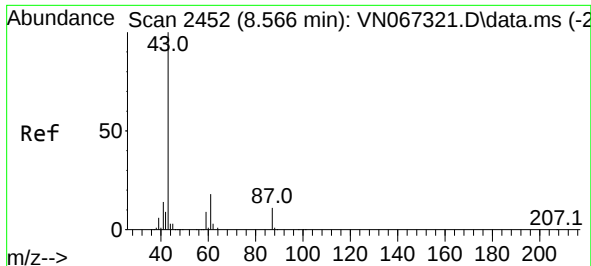
Delta R.T. -0.121 min

Lab File: VN067403.D

Acq: 18 Jun 2021 16:26

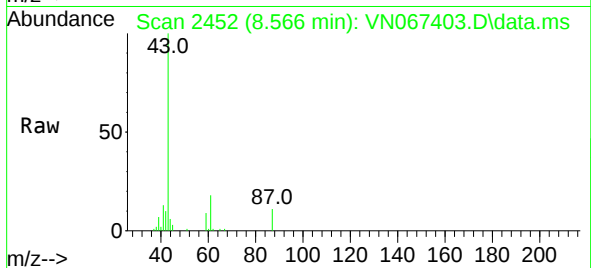
Tgt Ion: 117	Resp: 37631
Ion Ratio	Lower Upper
117 100	
119 4.8	75.4 113.2#
121 0.0	23.5 35.3#



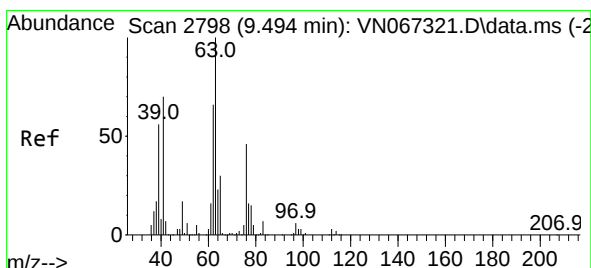
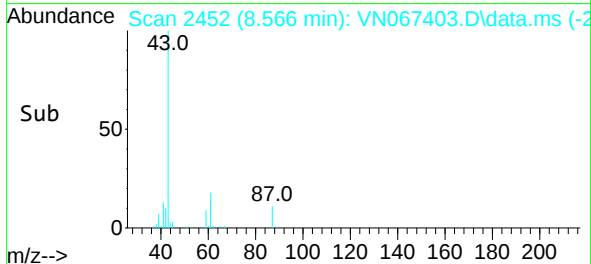
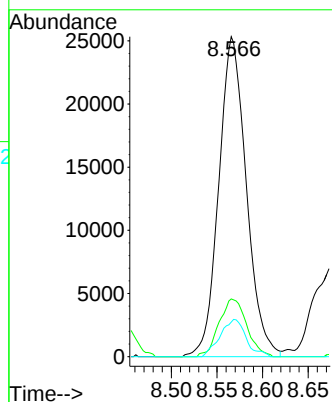


#43
Isopropyl Acetate
Concen: 3.963 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Instrument :
MSVOA_N
ClientSampleId :
WC SOLIDS DBD

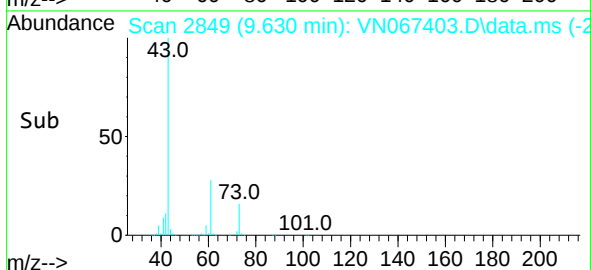
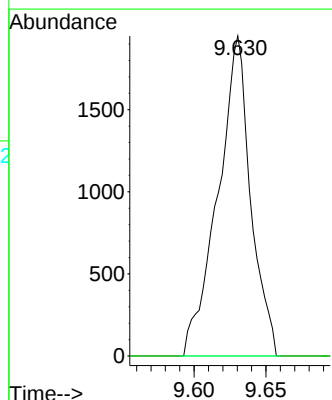
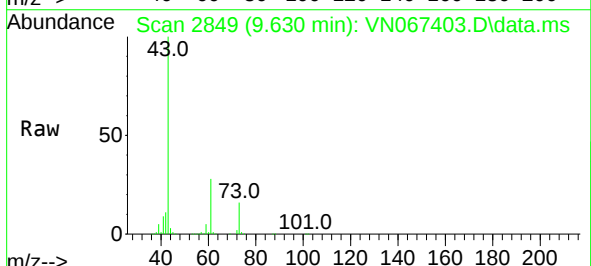


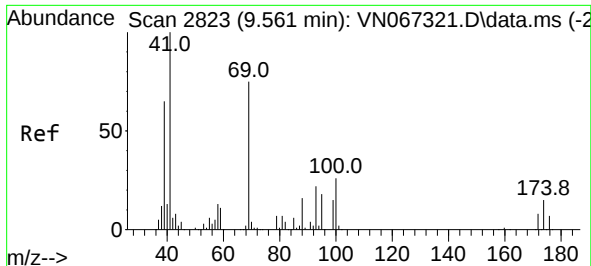
Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	19.0	28.4#
87	11.0	9.5	14.3



#45
1,2-Dichloropropane
Concen: 0.588 ug/l
RT: 9.630 min Scan# 2849
Delta R.T. 0.136 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.3	36.5#

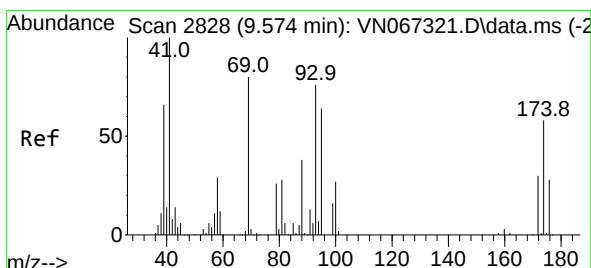
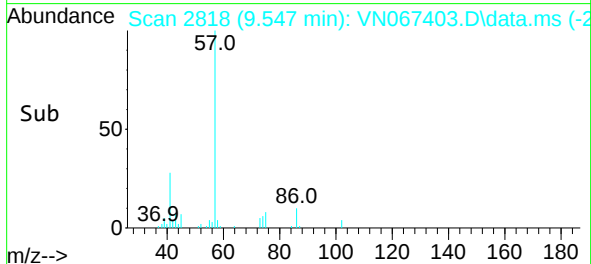
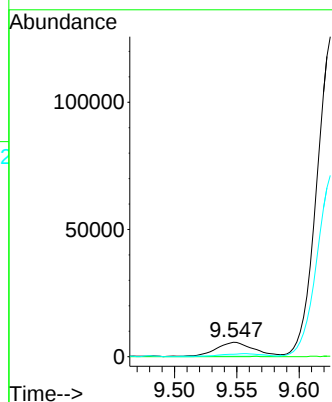
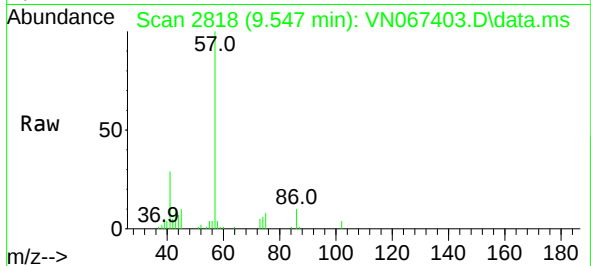




#48
Methyl methacrylate
Concen: 1.858 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.014 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

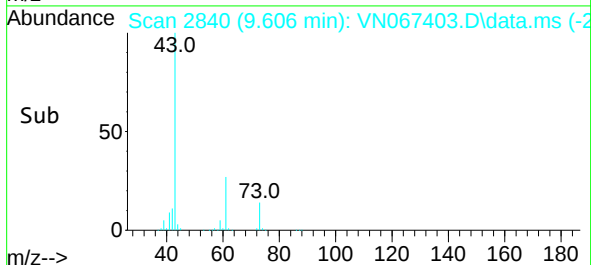
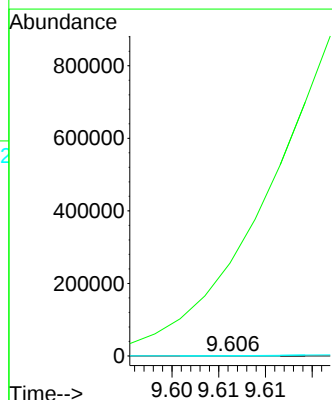
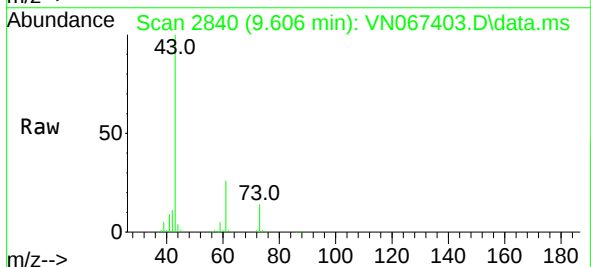
Instrument :
MSVOA_N
ClientSampleId :
WC_SOLIDS DBD

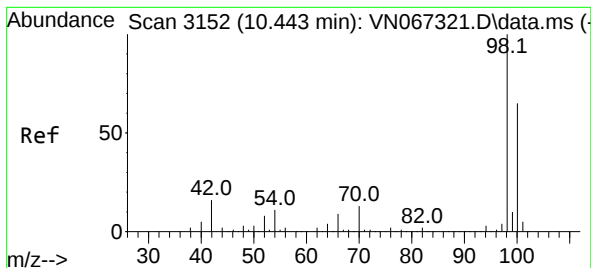
Tgt Ion: 41 Resp: 11373
Ion Ratio Lower Upper
41 100
69 0.4 64.6 96.8#
39 0.0 53.3 79.9#



#49
1,4-Dioxane
Concen: 0.310 ug/l
RT: 9.606 min Scan# 2840
Delta R.T. 0.032 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 0.0 60.4 90.6#

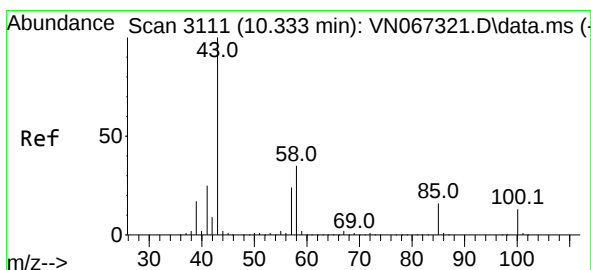
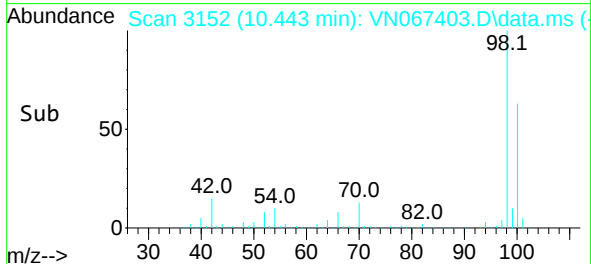
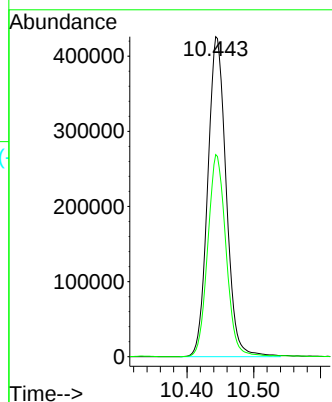
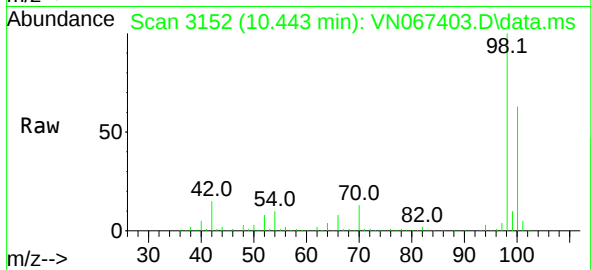




#50
Toluene-d8
Concen: 50.927 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

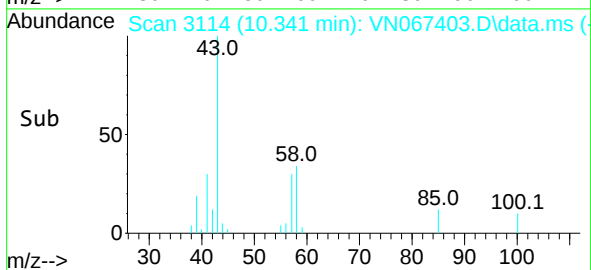
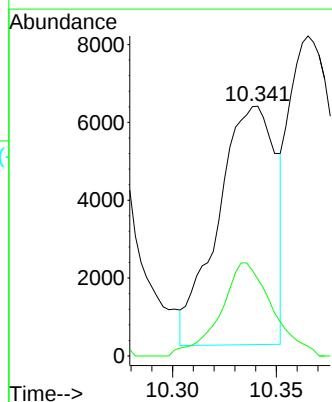
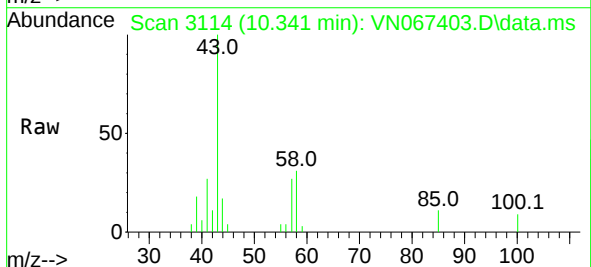
Instrument :
MSVOA_N
ClientSampleId :
WC_SOLIDS_DBD

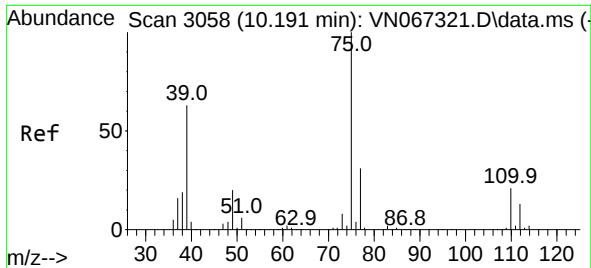
Tgt Ion: 98 Resp: 817454
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.536 ug/l
RT: 10.341 min Scan# 3114
Delta R.T. 0.008 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Tgt Ion: 43 Resp: 11870
Ion Ratio Lower Upper
43 100
58 34.9 28.6 43.0

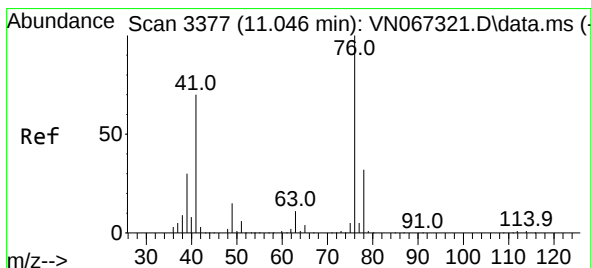
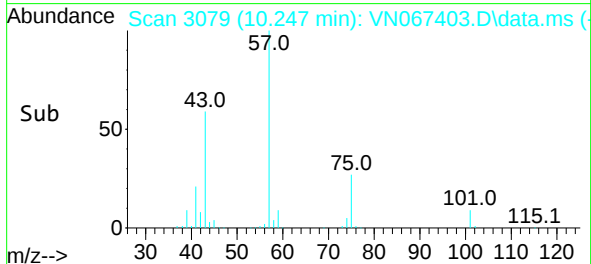
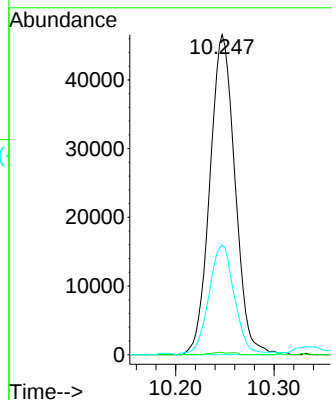
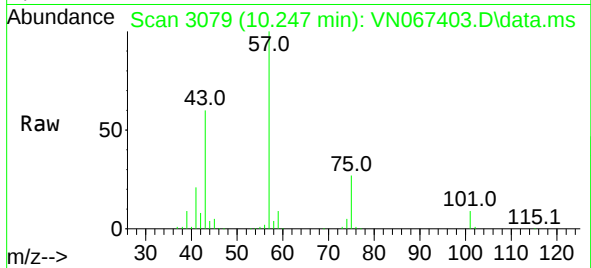




#54
cis-1,3-Dichloropropene
Concen: 9.214 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.056 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

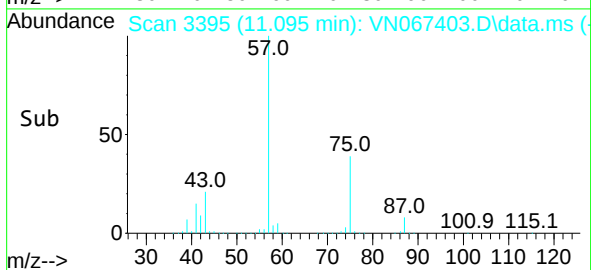
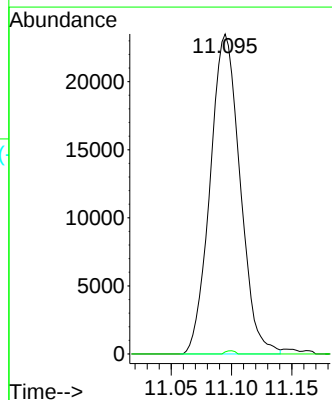
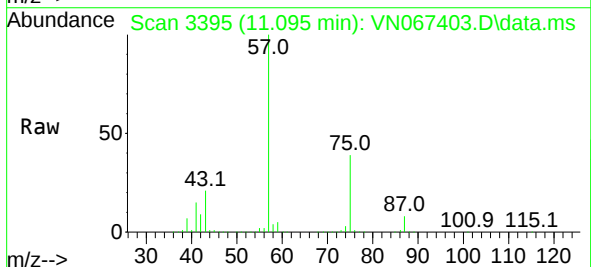
Instrument :
MSVOA_N
ClientSampleId :
WC_SOLIDS DBD

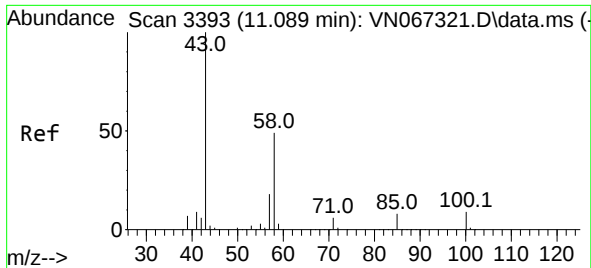
Tgt Ion: 75 Resp: 82706
Ion Ratio Lower Upper
75 100
77 0.6 24.6 37.0#
39 33.8 50.7 76.1#



#57
1,3-Dichloropropane
Concen: 4.637 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.049 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Tgt Ion: 76 Resp: 40571
Ion Ratio Lower Upper
76 100
78 0.3 25.7 38.5#

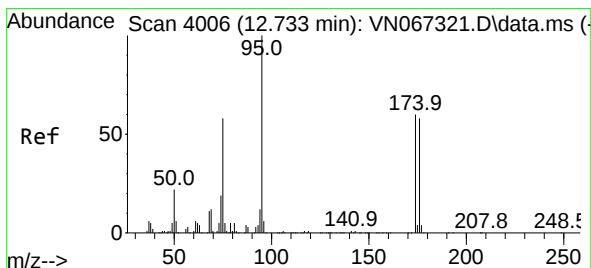
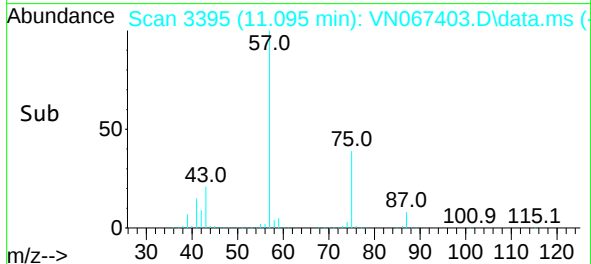
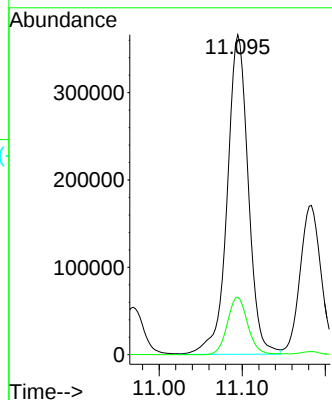
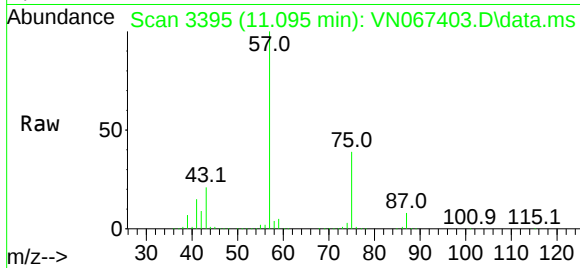




#59
2-Hexanone
Concen: 113.898 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

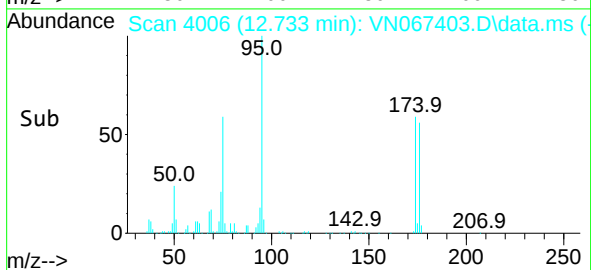
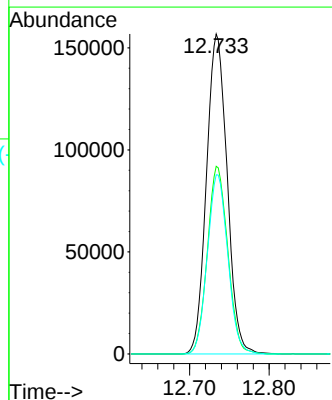
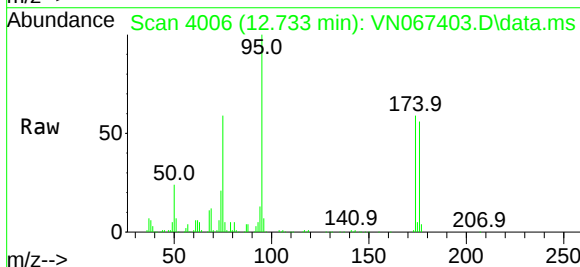
Instrument :
MSVOA_N
ClientSampleId :
WC_SOLIDS DBD

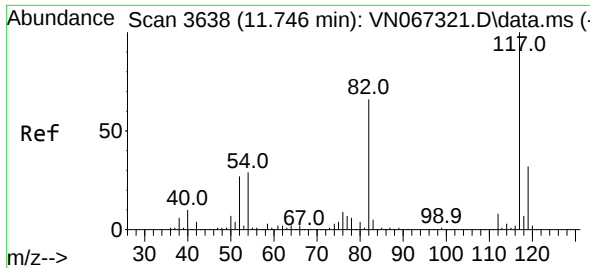
Tgt Ion: 43 Resp: 644924
Ion Ratio Lower Upper
43 100
58 17.4 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 42.750 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Tgt Ion: 95 Resp: 283188
Ion Ratio Lower Upper
95 100
174 57.9 0.0 122.0
176 55.5 0.0 117.6

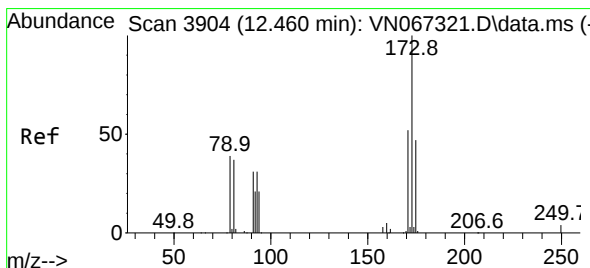
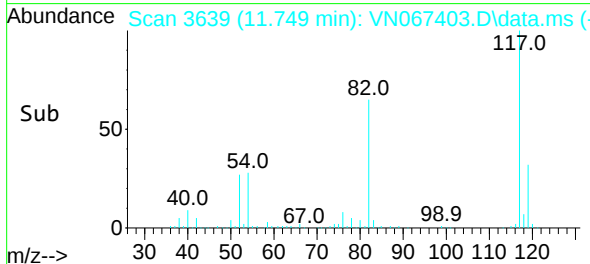
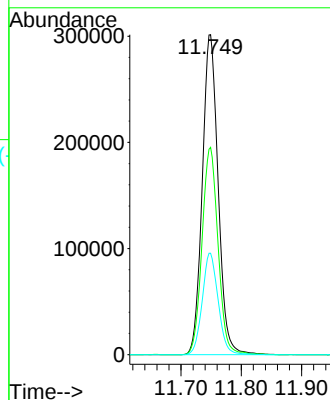
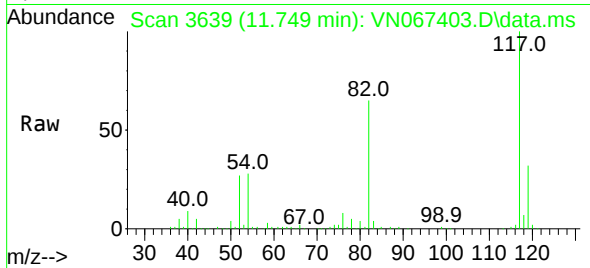




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

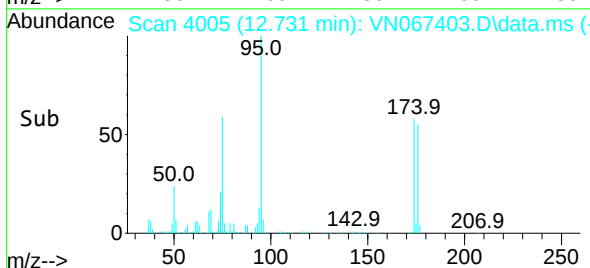
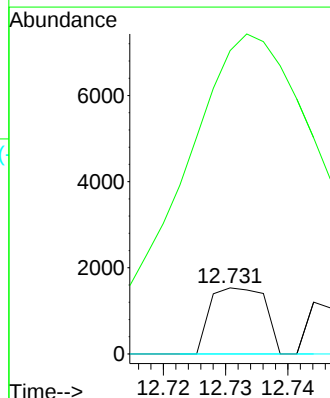
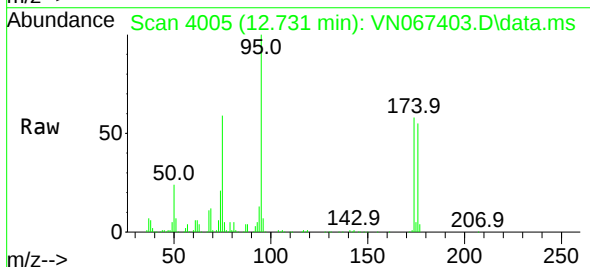
Instrument :
MSVOA_N
ClientSampleId :
WC_SOLIDS DBD

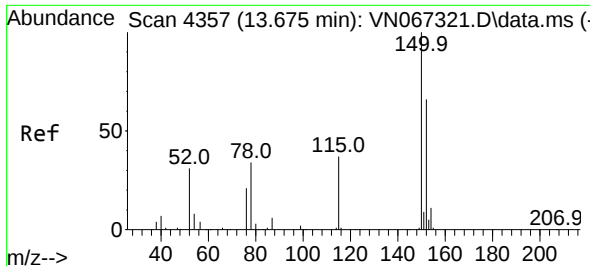
Tgt Ion:117 Resp: 551232
Ion Ratio Lower Upper
117 100
82 64.8 53.1 79.7
119 31.7 25.5 38.3



#71
Bromoform
Concen: 0.275 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

Tgt Ion:173 Resp: 937
Ion Ratio Lower Upper
173 100
175 1216.6 23.9 71.8#
254 0.0 0.0 0.0

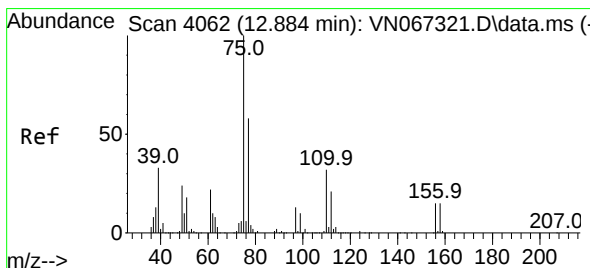
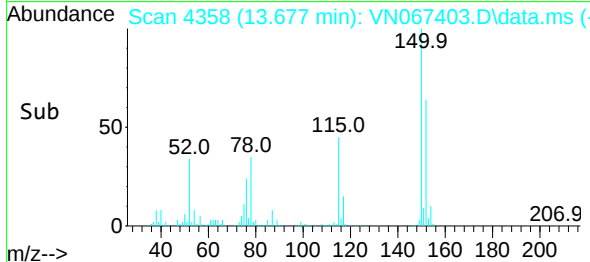
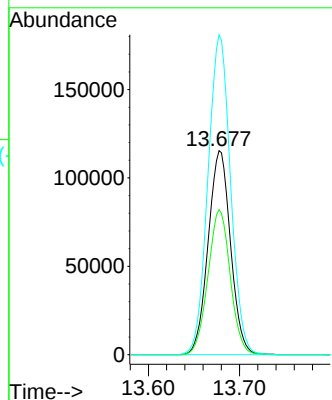
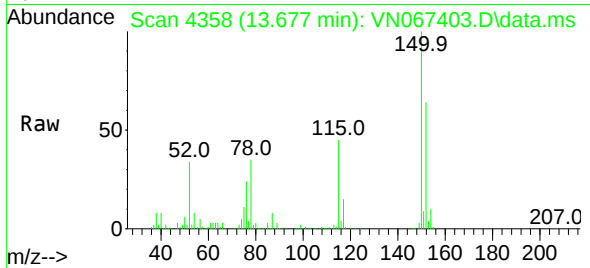




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

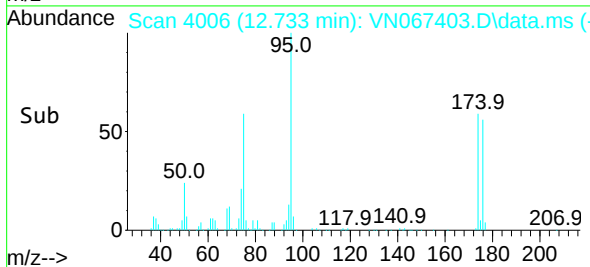
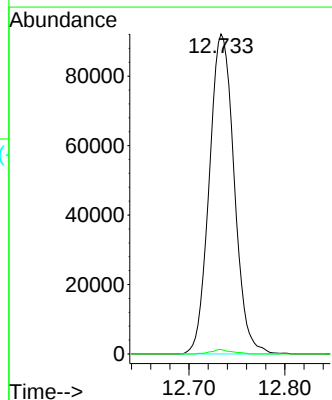
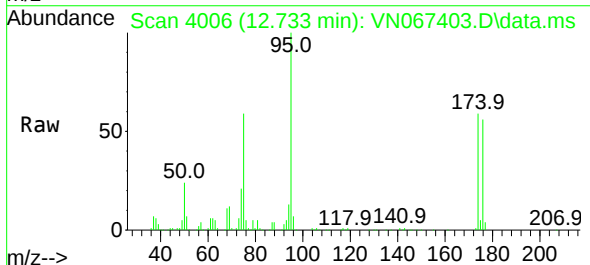
Instrument :
MSVOA_N
ClientSampleId :
WC_SOLIDS DBD

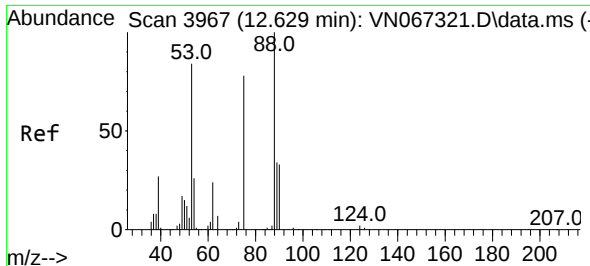
Tgt Ion:152 Resp: 197136
Ion Ratio Lower Upper
152 100
115 70.7 36.1 108.5
150 157.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 32.434 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

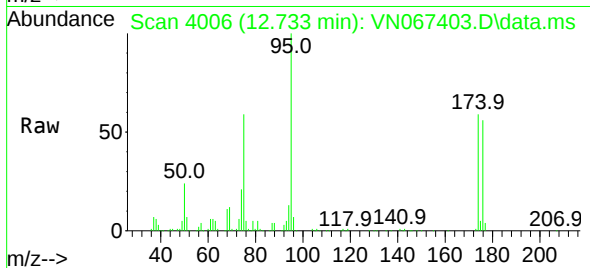
Tgt Ion: 75 Resp: 166039
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



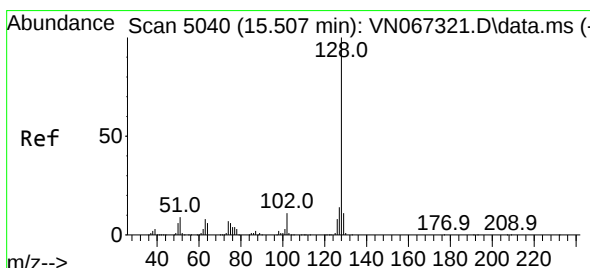
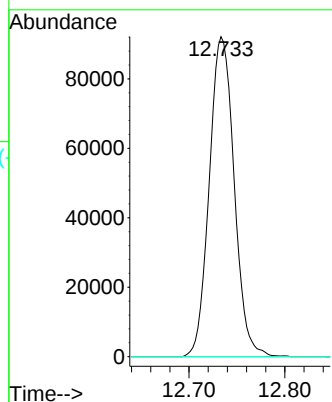
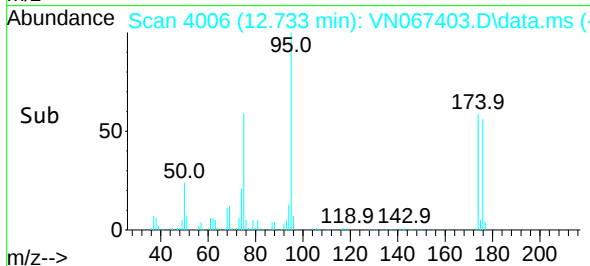


#81
trans-1,4-Dichloro-2-butene
Concen: 80.381 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26

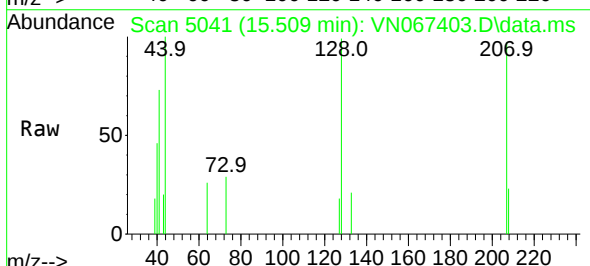
Instrument :
MSVOA_N
ClientSampleId :
WC_SOLIDS DBD



Tgt Ion: 75 Resp: 166039
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 2.742 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067403.D
Acq: 18 Jun 2021 16:26



Tgt Ion: 128 Resp: 1704
Ion Ratio Lower Upper
128 100
127 3.3 10.6 15.8#
129 0.0 8.6 12.8#

