

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
 Data File : VN067402.D
 Acq On : 18 Jun 2021 16:02
 Operator : JC/MD
 Sample : M2762-02 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC_AQUEOUS_DBD

Quant Time: Jun 19 00:40:40 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)

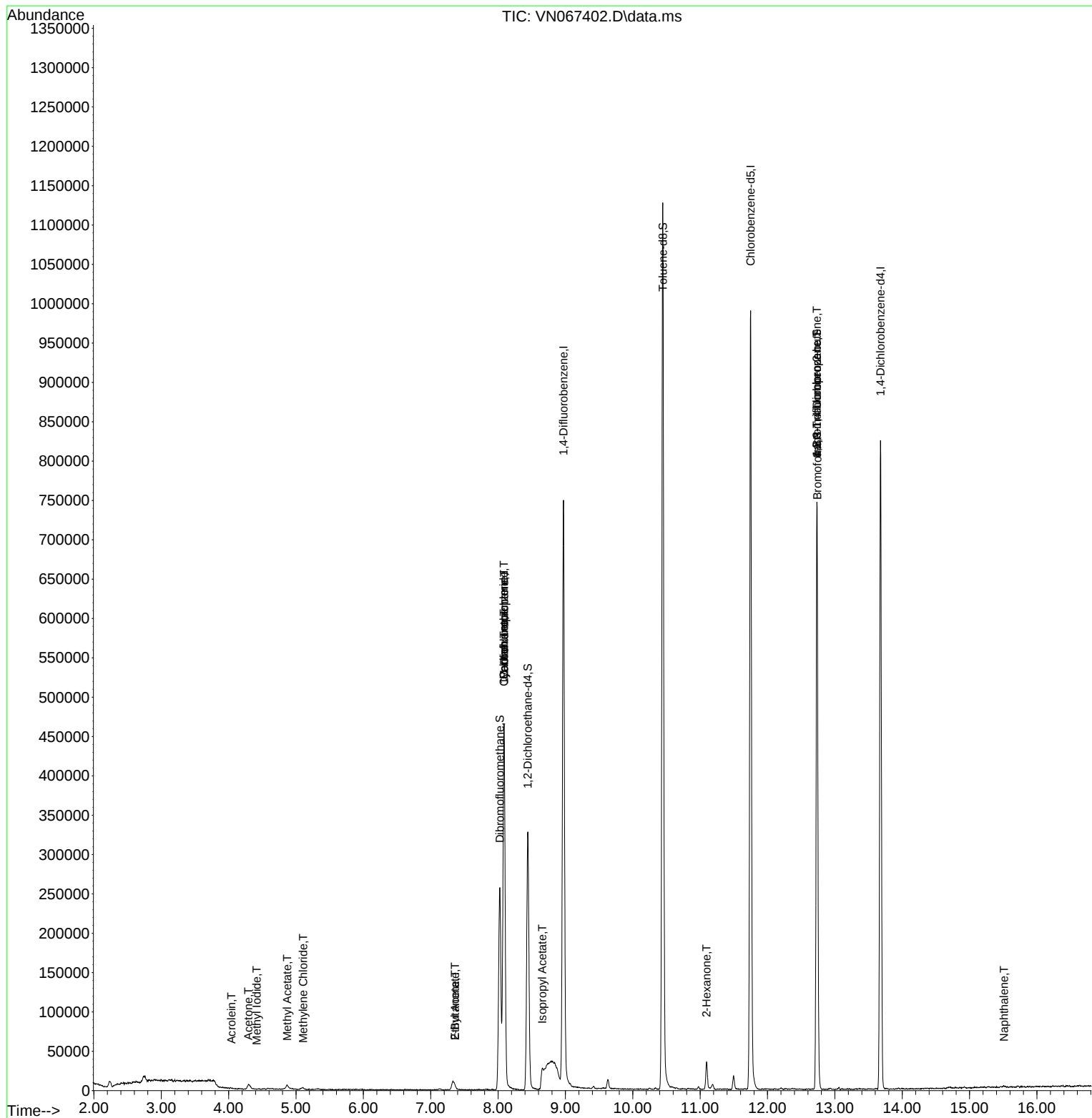
Internal Standards						
1) Pentafluorobenzene	8.088	168	294418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	599454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	527950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	186031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	283265	48.771	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.540%	
35) Dibromofluoromethane	8.026	113	182995	45.900	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	91.800%	
50) Toluene-d8	10.446	98	777815	50.901	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	101.800%	
62) 4-Bromofluorobenzene	12.733	95	274993	43.607	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	87.220%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.417	142	26	6.750	ug/l #	33
13) Acrolein	4.041	56	479	0.803	ug/l #	25
16) Acetone	4.293	43	11531	5.174	ug/l	97
18) Methyl Acetate	4.870	43	9149	1.693	ug/l #	72
20) Methylene Chloride	5.106	84	1383	0.298	ug/l #	77
25) 2-Butanone	7.359	43	7827	2.458	ug/l	93
31) Cyclohexane	8.085	56	10194	1.291	ug/l #	17
36) 1,1-Dichloropropene	8.091	75	34022	5.063	ug/l #	50
37) Ethyl Acetate	7.359	43	7827	1.099	ug/l #	70
38) Carbon Tetrachloride	8.088	117	36650	5.074	ug/l #	17
43) Isopropyl Acetate	8.657	43	18657	1.460	ug/l #	58
59) 2-Hexanone	11.095	43	6740	1.250	ug/l	70
71) Bromoform	12.739	173	1666	0.510	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	159001	32.913	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	159001	81.569	ug/l #	6
95) Naphthalene	15.509	128	1830	2.761	ug/l #	84

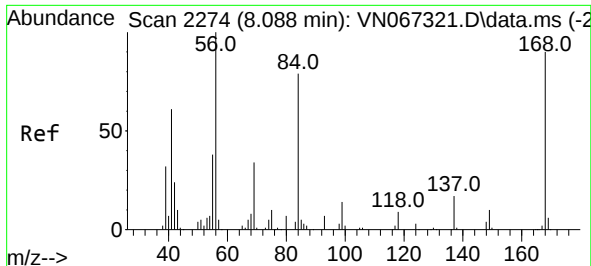
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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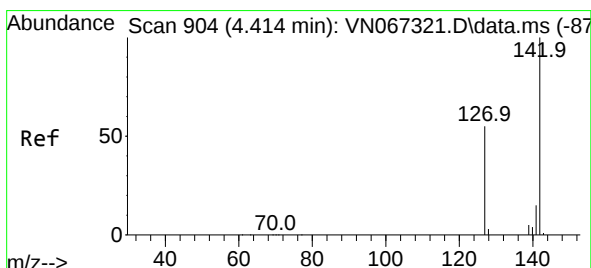
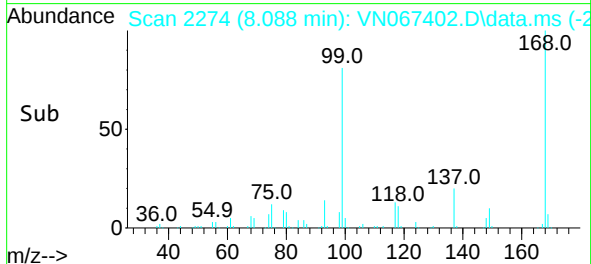
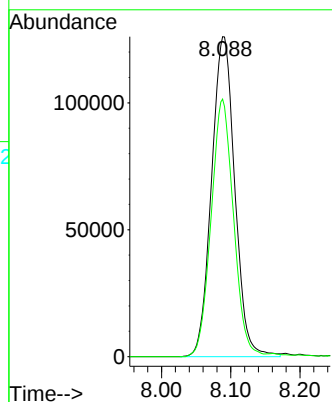
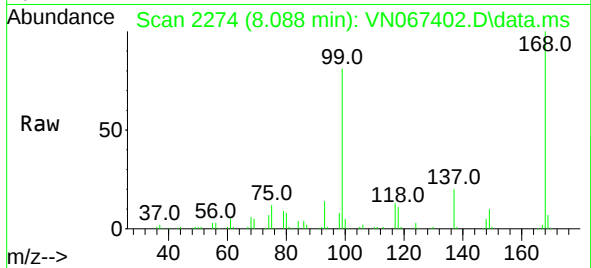




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

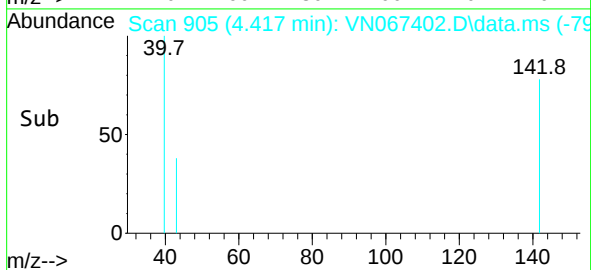
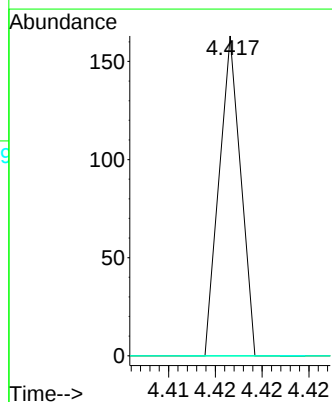
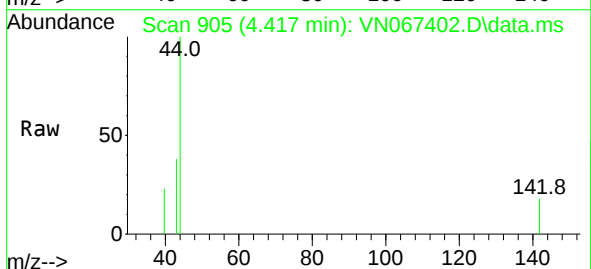
Instrument :
MSVOA_N
ClientSampleId :
WC_AQUEOUS_DBD

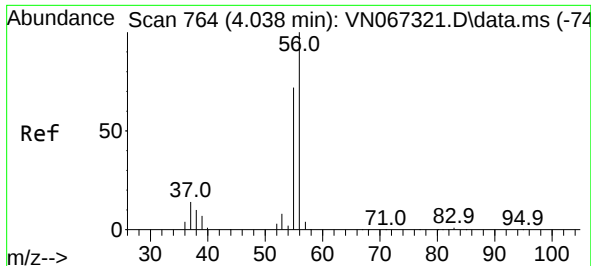
Tgt Ion:168 Resp: 294418
Ion Ratio Lower Upper
168 100
99 80.5 62.9 94.3



#10
Methyl Iodide
Concen: 6.750 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion:142 Resp: 26
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#

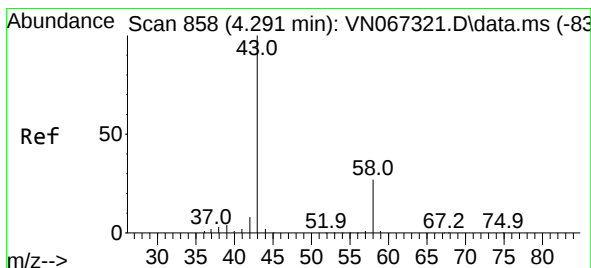
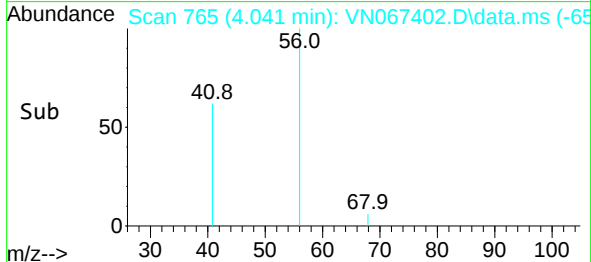
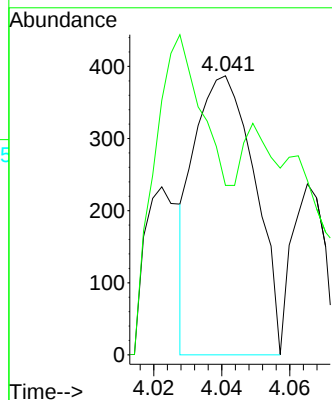
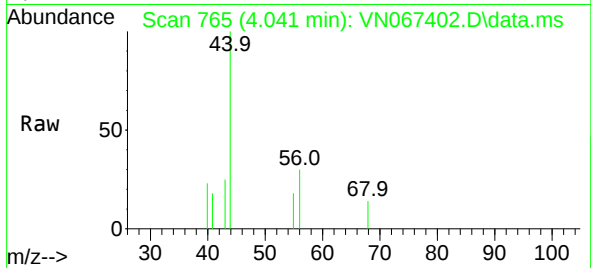




#13
Acrolein
Concen: 0.803 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

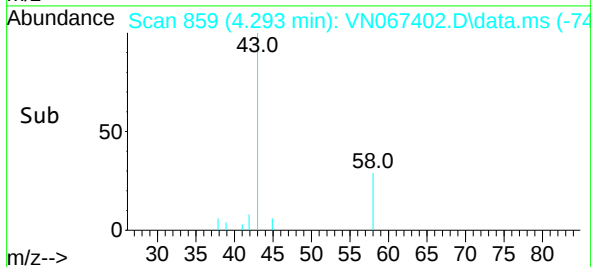
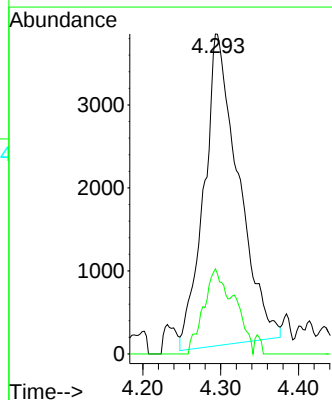
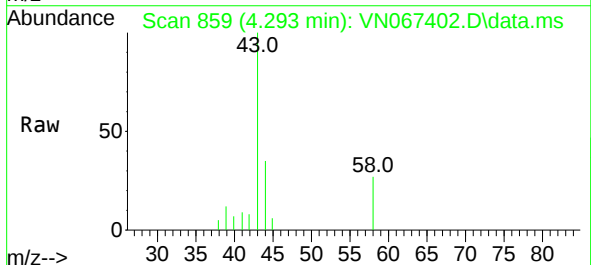
Instrument :
MSVOA_N
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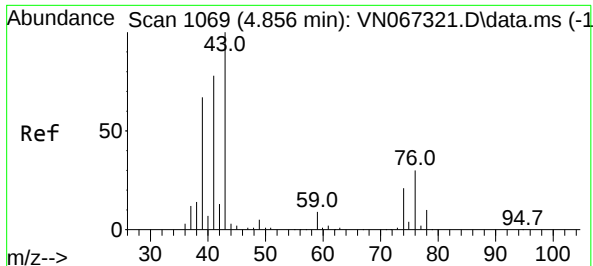
Tgt Ion: 56 Resp: 479
Ion Ratio Lower Upper
56 100
55 9.0 57.4 86.0#



#16
Acetone
Concen: 5.174 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion: 43 Resp: 11531
Ion Ratio Lower Upper
43 100
58 28.1 21.2 31.8





#18

Methyl Acetate

Concen: 1.693 ug/l

RT: 4.870 min Scan# 1074

Delta R.T. 0.014 min

Lab File: VN067402.D

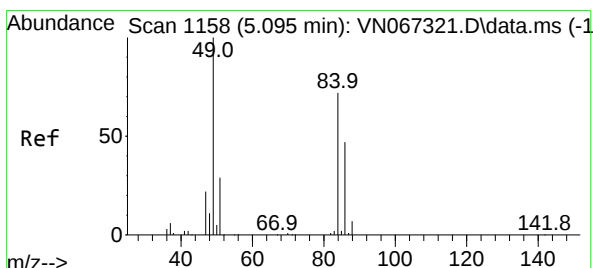
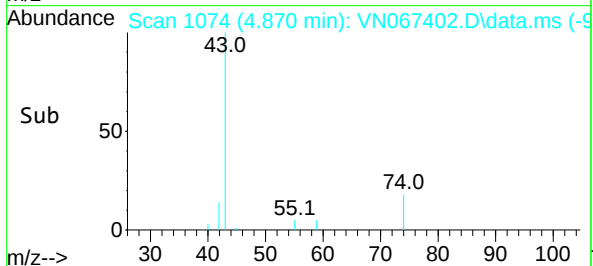
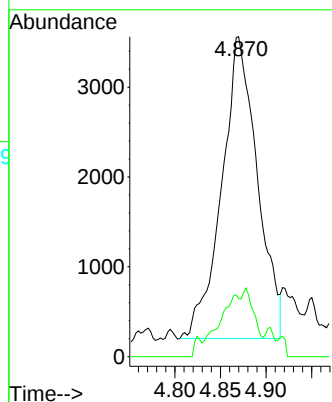
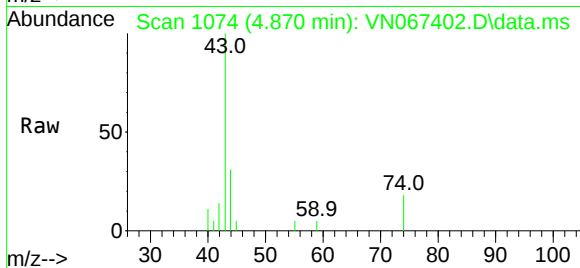
Acq: 18 Jun 2021 16:02

Tgt Ion: 43 Resp: 9149

Ion Ratio Lower Upper

43 100

74 8.4 17.4 26.0#



#20

Methylene Chloride

Concen: 0.298 ug/l

RT: 5.106 min Scan# 1162

Delta R.T. 0.011 min

Lab File: VN067402.D

Acq: 18 Jun 2021 16:02

Tgt Ion: 84 Resp: 1383

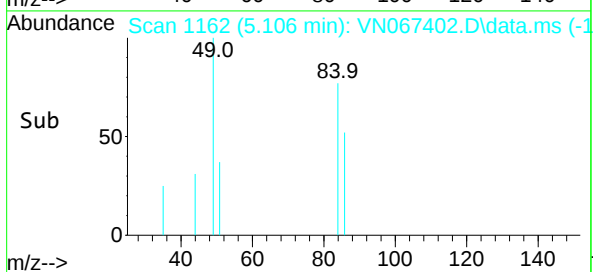
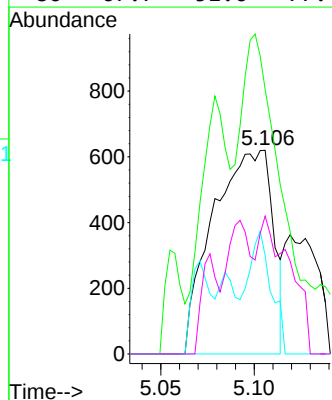
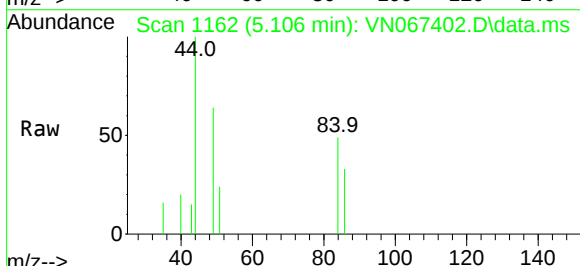
Ion Ratio Lower Upper

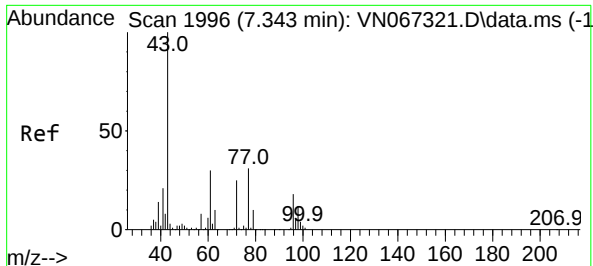
84 100

49 96.1 110.9 166.3#

51 48.2 32.6 49.0

86 67.7 51.6 77.4

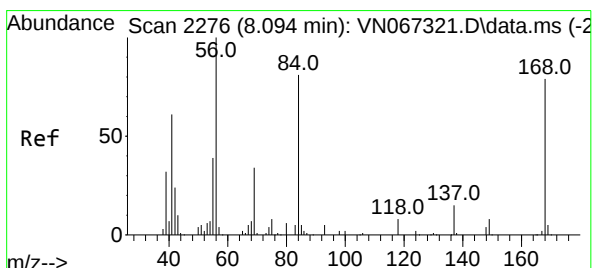
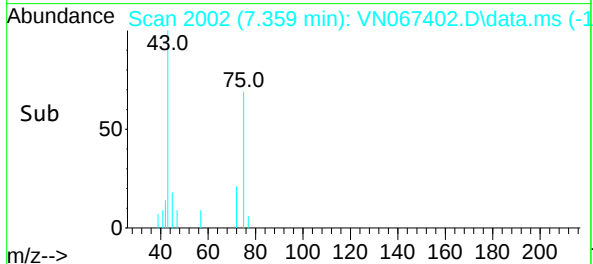
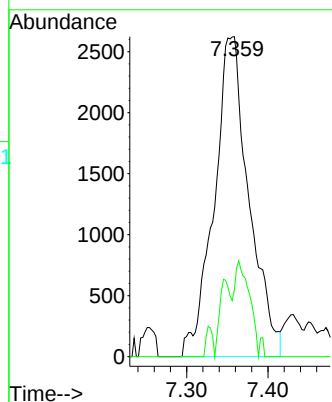
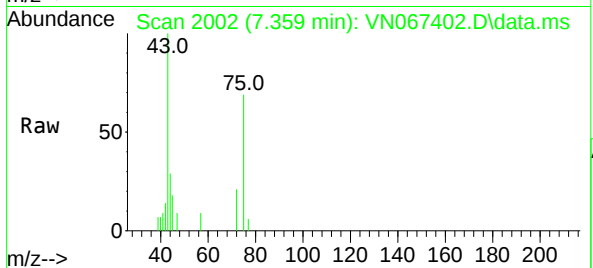




#25
2-Butanone
Concen: 2.458 ug/l
RT: 7.359 min Scan# 2002
Delta R.T. 0.016 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

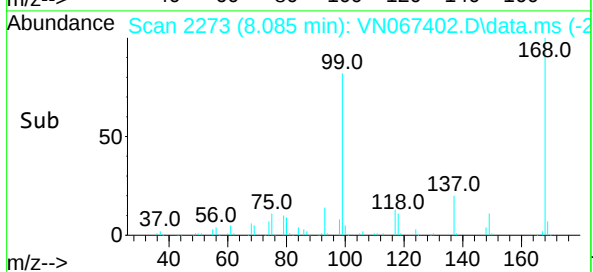
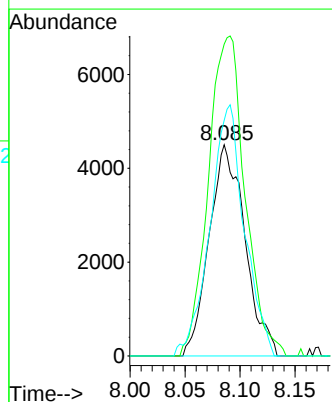
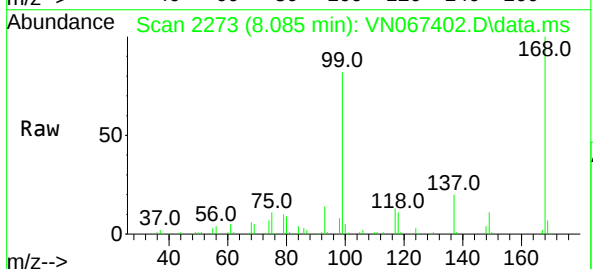
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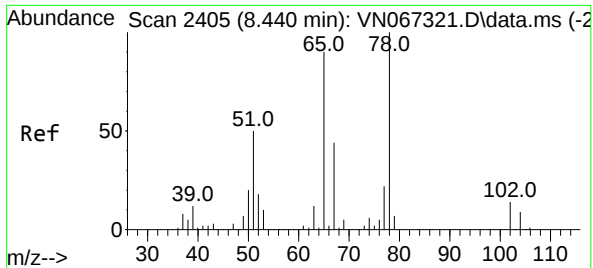
Tgt Ion: 43 Resp: 7827
Ion Ratio Lower Upper
43 100
72 21.0 19.7 29.5



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion: 56 Resp: 10194
Ion Ratio Lower Upper
56 100
69 147.6 27.3 40.9#
84 111.6 64.9 97.3#

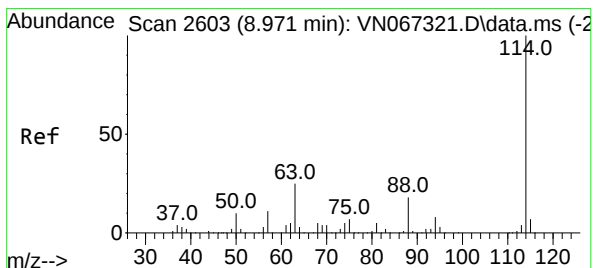
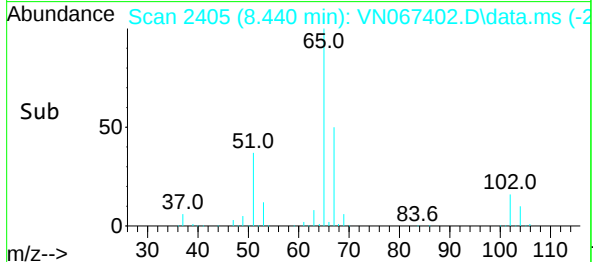
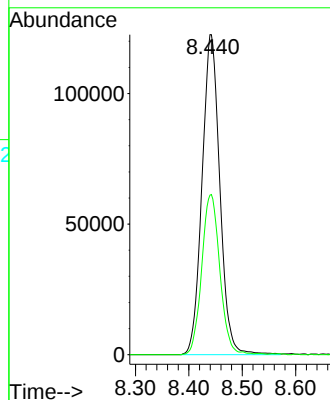
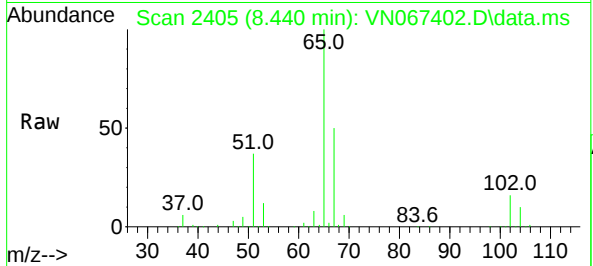




#33
 1,2-Dichloroethane-d4
 Concen: 48.771 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067402.D
 Acq: 18 Jun 2021 16:02

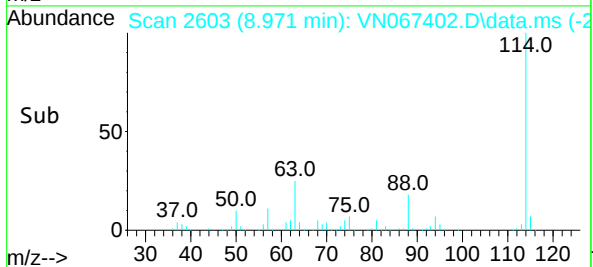
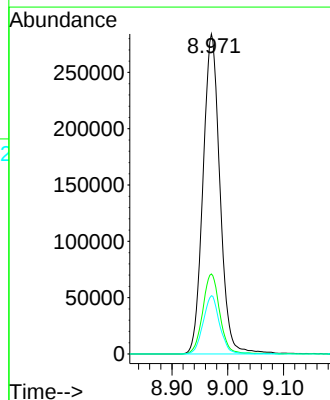
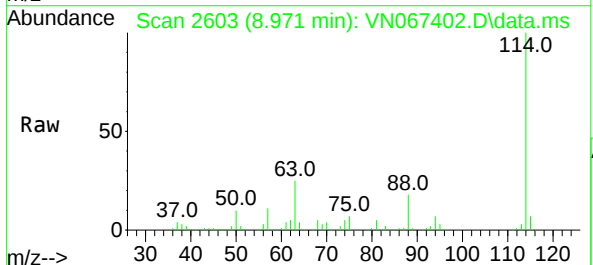
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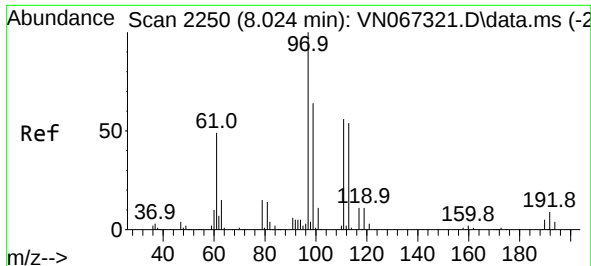
Tgt Ion: 65 Resp: 283265
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN067402.D
 Acq: 18 Jun 2021 16:02

Tgt Ion: 114 Resp: 599454
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.0
 88 18.2 0.0 36.6

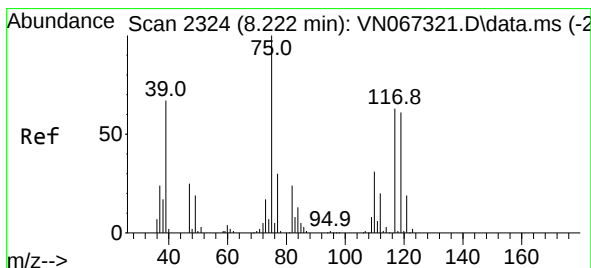
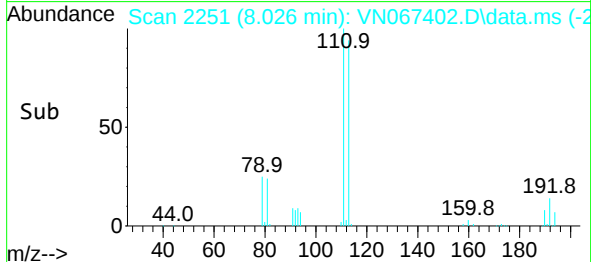
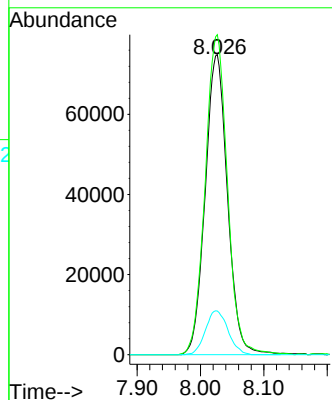
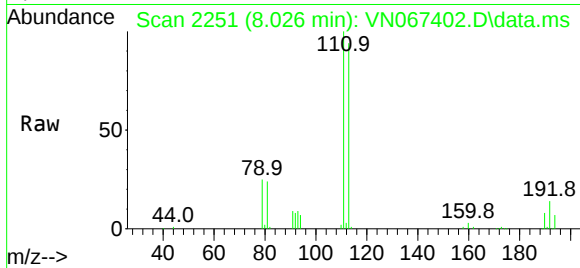




#35
Dibromofluoromethane
Concen: 45.900 ug/l
RT: 8.026 min Scan# 2251
Delta R.T. 0.002 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

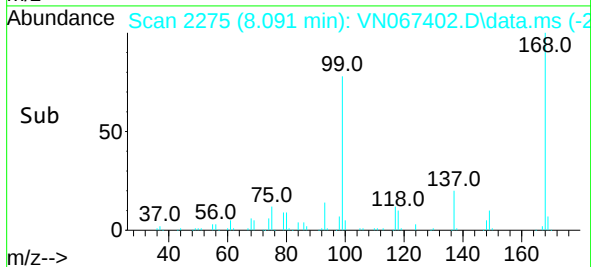
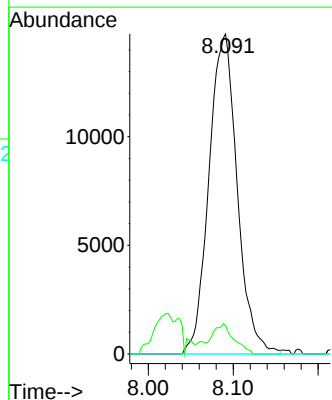
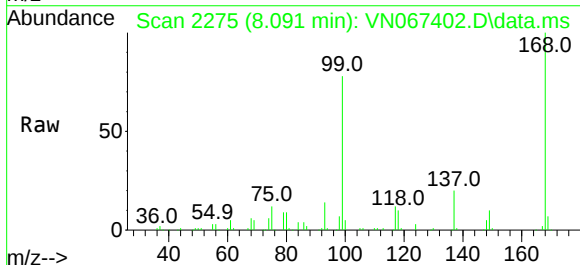
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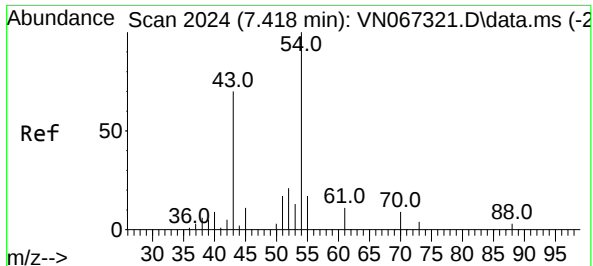
Tgt Ion:113 Resp: 182995
Ion Ratio Lower Upper
113 100
111 106.6 83.8 125.8
192 14.8 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion: 75 Resp: 34022
Ion Ratio Lower Upper
75 100
110 7.2 15.7 47.0#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.099 ug/l

RT: 7.359 min Scan# 2002

Delta R.T. -0.059 min

Lab File: VN067402.D

Acq: 18 Jun 2021 16:02

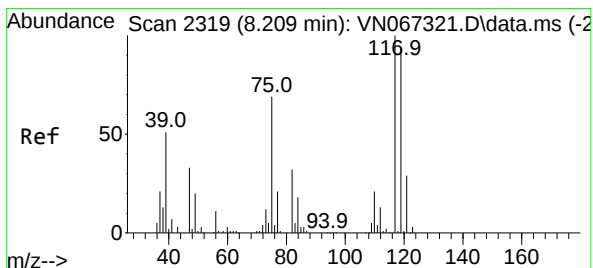
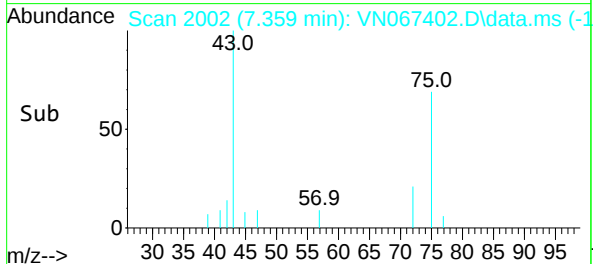
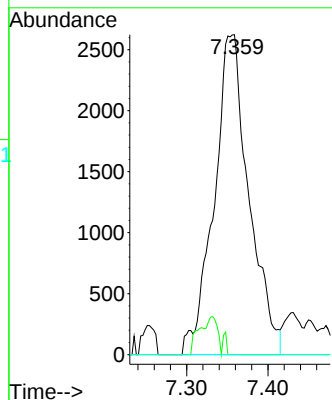
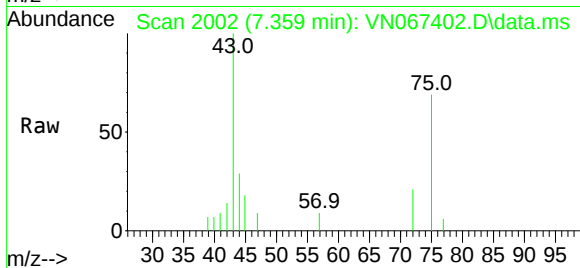
Instrument :

MSVOA_N

ClientSampleId :

WC_AQUEOUS_DBD

Tgt Ion:	43	Resp:	7827
Ion	Ratio	Lower	Upper
43	100		
61	0.7	10.6	16.0#
70	0.0	8.1	12.1#



#38

Carbon Tetrachloride

Concen: 5.074 ug/l

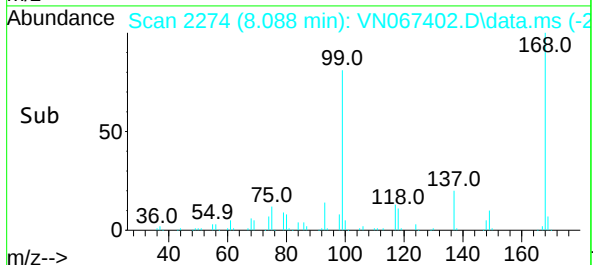
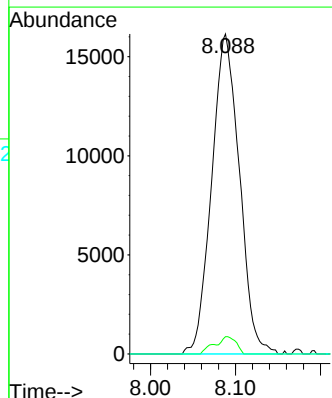
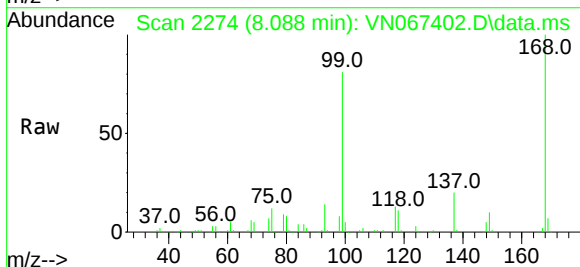
RT: 8.088 min Scan# 2274

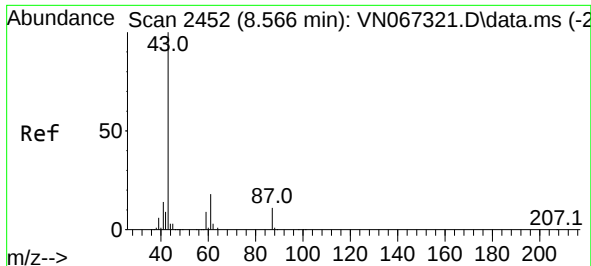
Delta R.T. -0.121 min

Lab File: VN067402.D

Acq: 18 Jun 2021 16:02

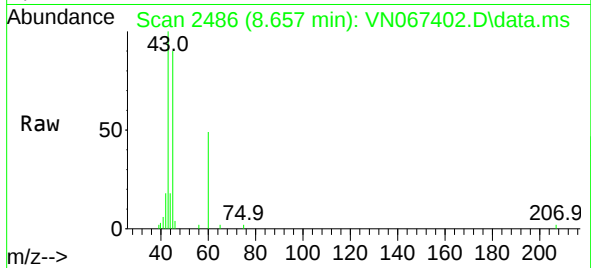
Tgt Ion:	117	Resp:	36650
Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.4	113.2#
121	0.0	23.5	35.3#



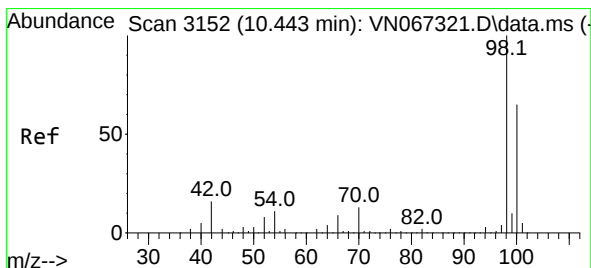
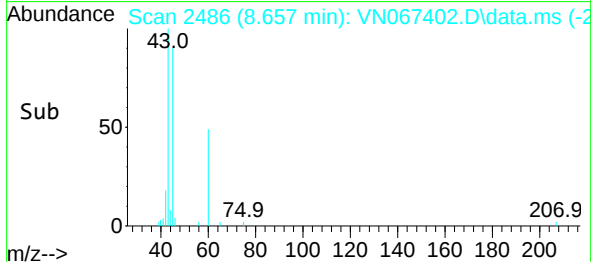
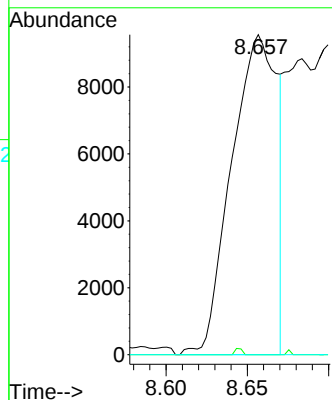


#43
Isopropyl Acetate
Concen: 1.460 ug/l
RT: 8.657 min Scan# 2486
Delta R.T. 0.091 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Instrument :
MSVOA_N
ClientSampleId :
WC_AQUEOUS_DBD

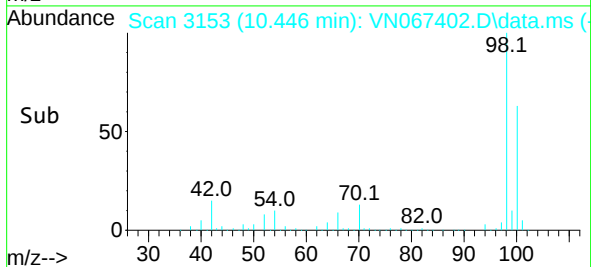
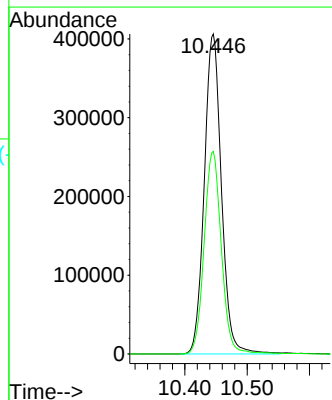
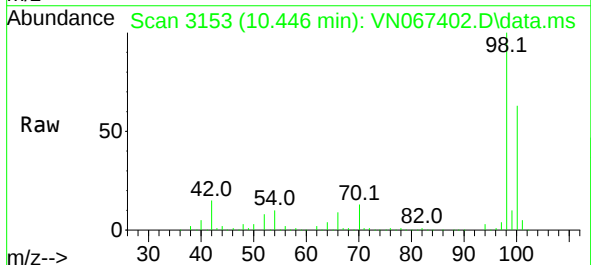


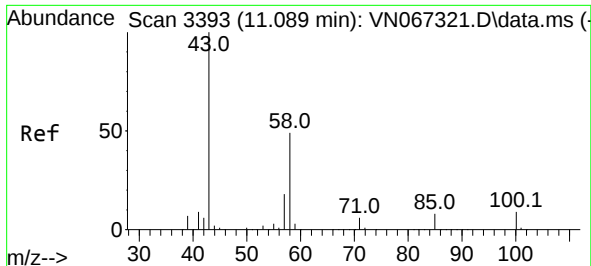
Tgt Ion: 43 Resp: 18657
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 50.901 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion: 98 Resp: 777815
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5

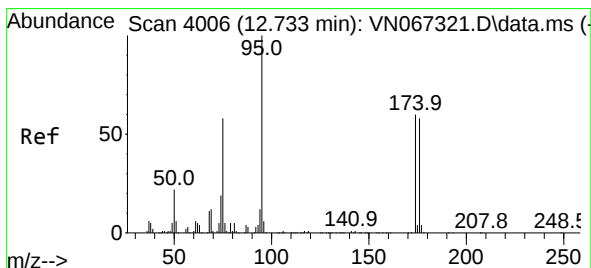
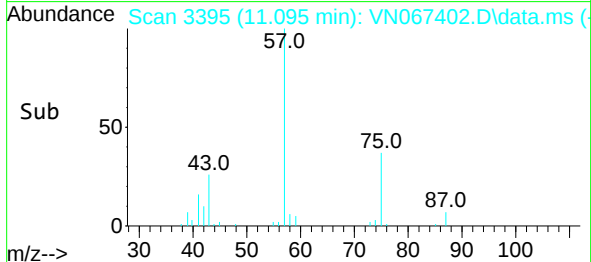
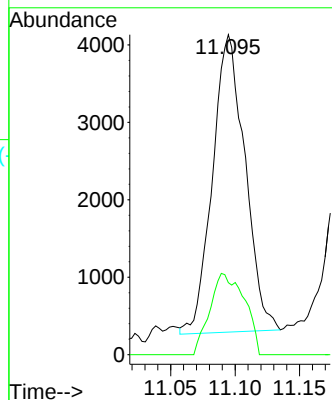
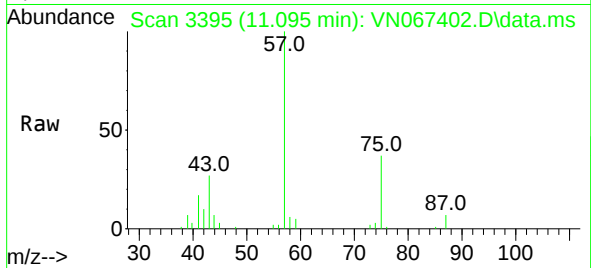




#59
2-Hexanone
Concen: 1.250 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

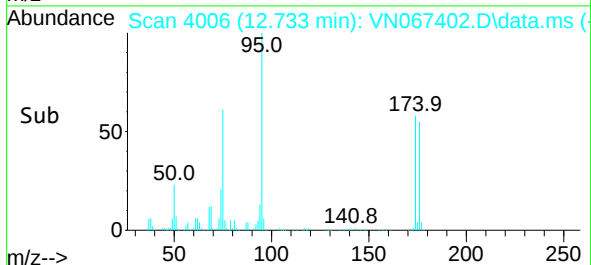
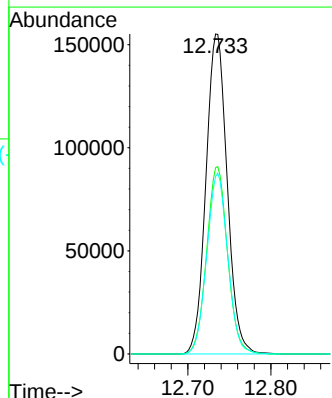
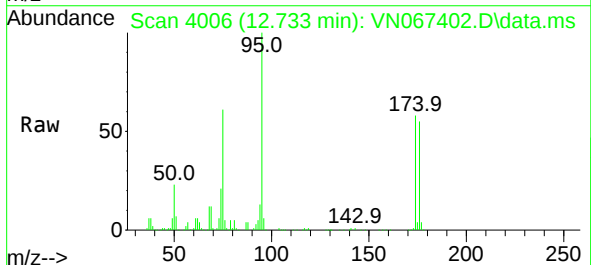
Instrument :
MSVOA_N
ClientSampleId :
WC_AQUEOUS_DBD

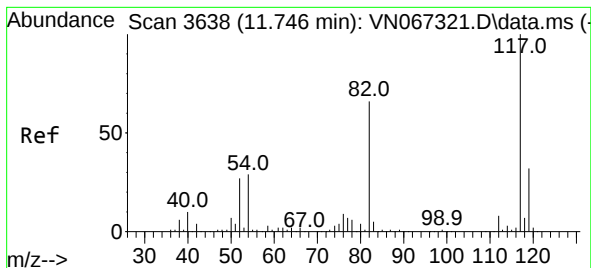
Tgt Ion: 43 Resp: 6740
Ion Ratio Lower Upper
43 100
58 29.1 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 43.607 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion: 95 Resp: 274993
Ion Ratio Lower Upper
95 100
174 57.6 0.0 122.0
176 55.8 0.0 117.6

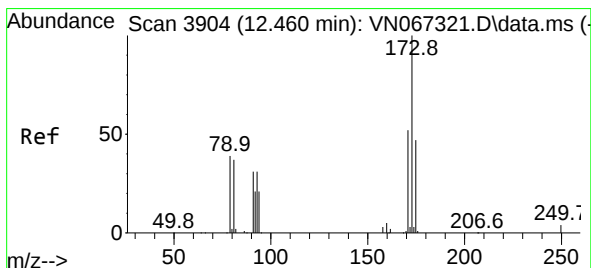
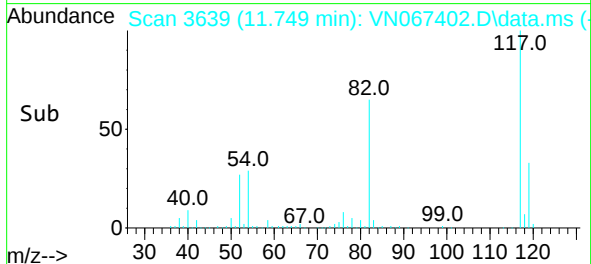
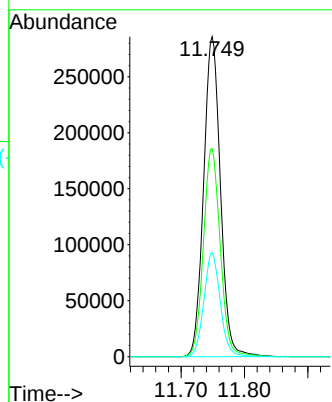
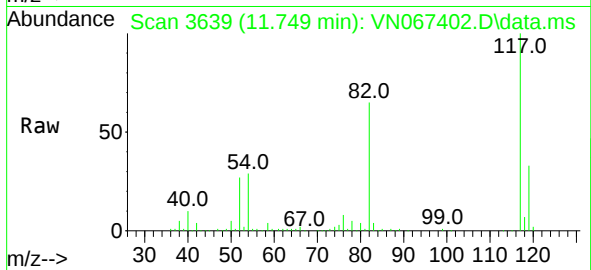




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

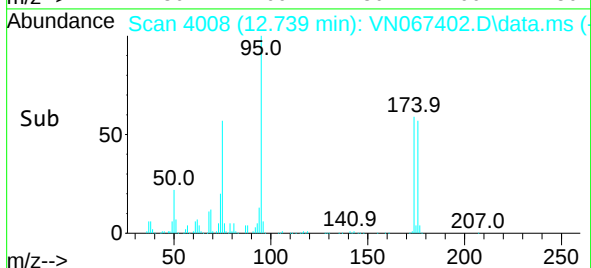
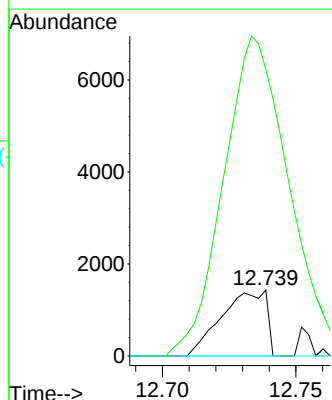
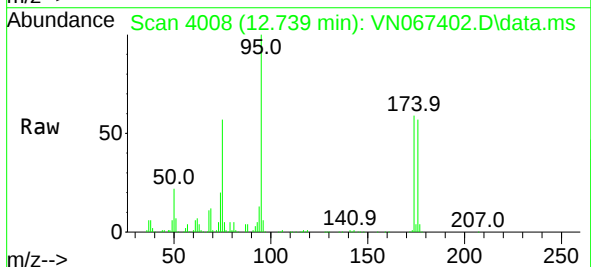
Instrument :
MSVOA_N
ClientSampleId :
WC_AQUEOUS_DBD

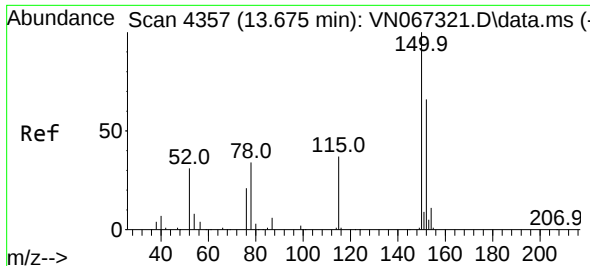
Tgt Ion:117 Resp: 527950
Ion Ratio Lower Upper
117 100
82 65.0 53.1 79.7
119 32.6 25.5 38.3



#71
Bromoform
Concen: 0.510 ug/l
RT: 12.739 min Scan# 4008
Delta R.T. 0.279 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion:173 Resp: 1666
Ion Ratio Lower Upper
173 100
175 633.7 23.9 71.8#
254 0.0 0.0 0.0

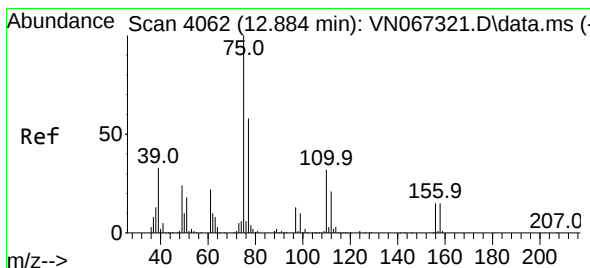
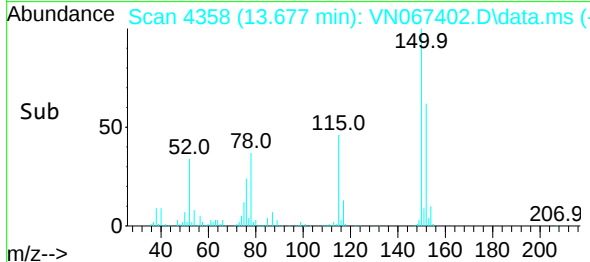
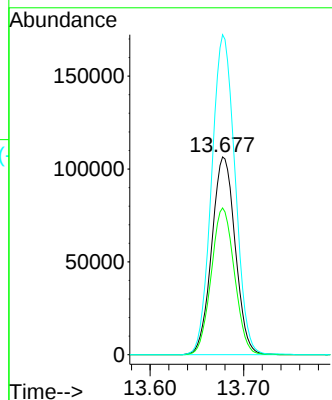
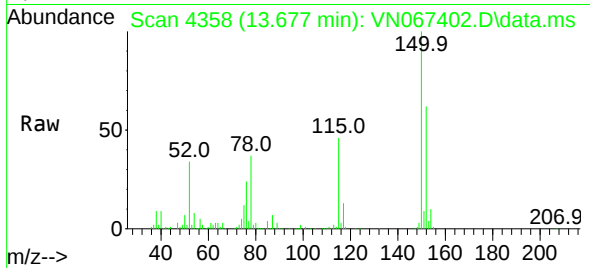




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

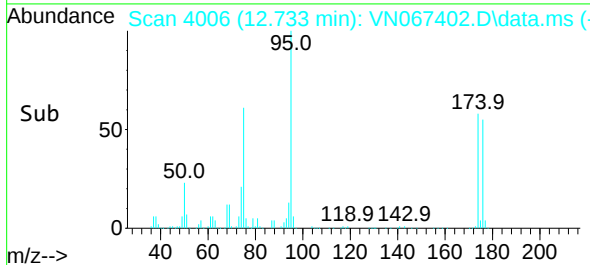
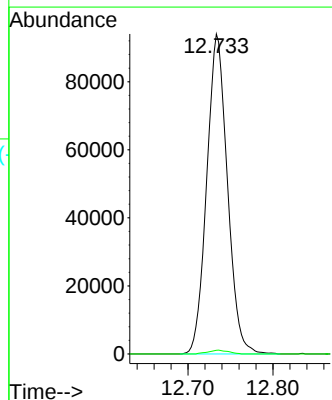
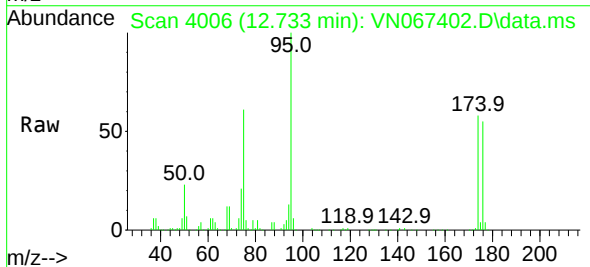
Instrument :
MSVOA_N
ClientSampleId :
WC_AQUEOUS_DBD

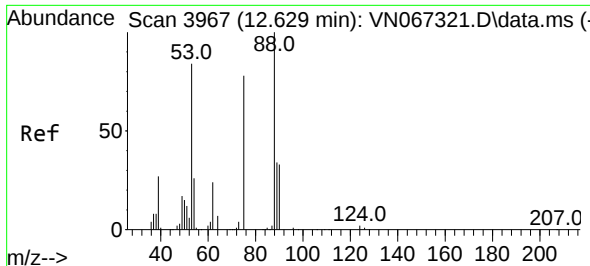
Tgt Ion:152 Resp: 186031
Ion Ratio Lower Upper
152 100
115 73.2 36.1 108.5
150 161.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 32.913 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

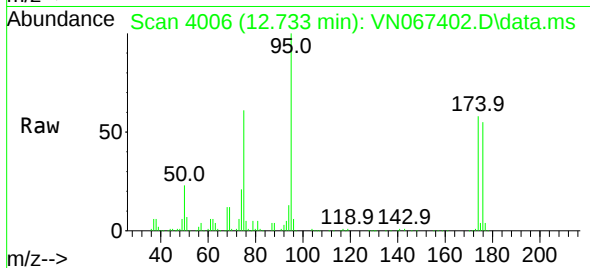
Tgt Ion: 75 Resp: 159001
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



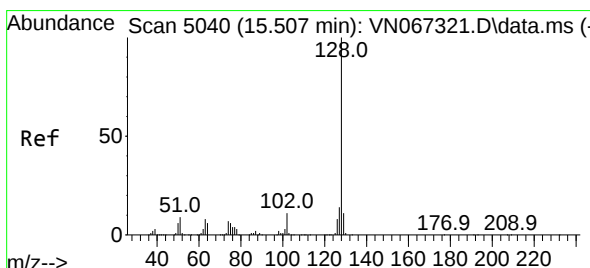
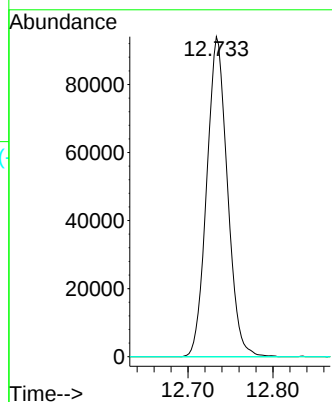
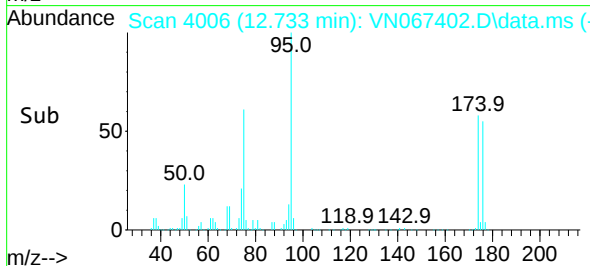


#81
trans-1,4-Dichloro-2-butene
Concen: 81.569 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

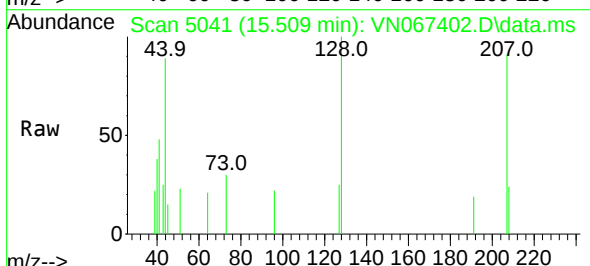
Instrument :
MSVOA_N
ClientSampleId :
WC_AQUEOUS_DBD



Tgt Ion: 75 Resp: 159001
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 2.761 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02



Tgt Ion: 128 Resp: 1830
Ion Ratio Lower Upper
128 100
127 9.4 10.6 15.8#
129 1.5 8.6 12.8#

