

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075095.D
 Acq On : 31 Oct 2022 18:35
 Operator : JC\MD
 Sample : N5377-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LIQUID-WC-20221028

Quant Time: Nov 01 06:22:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

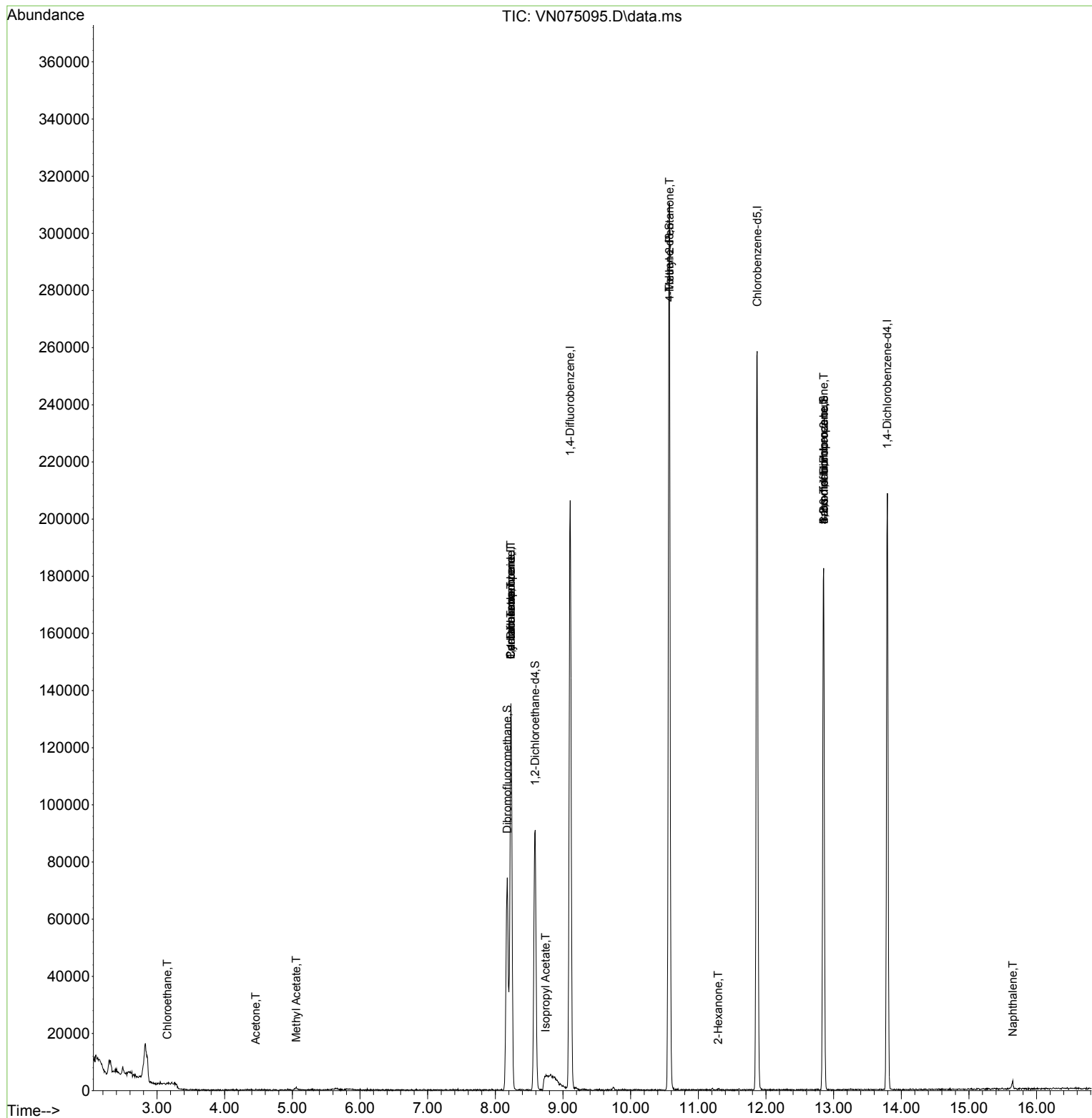
Internal Standards						
1) Pentafluorobenzene	8.230	168	92490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	179338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	149711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	54067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	76267	61.200	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.400%	
35) Dibromofluoromethane	8.177	113	52462	49.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.660%	
50) Toluene-d8	10.571	98	212746	52.085	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.853	95	61451	42.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.660%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.154	64	468	0.358	ug/l #	45
16) Acetone	4.459	43	129	0.244	ug/l #	43
18) Methyl Acetate	5.059	43	1712	0.993	ug/l #	71
31) Cyclohexane	8.230	56	2329	1.257	ug/l #	22
36) 1,1-Dichloropropene	8.230	75	8916	5.470	ug/l #	49
38) Carbon Tetrachloride	8.230	117	10602	5.913	ug/l #	16
43) Isopropyl Acetate	8.741	43	5208	1.878	ug/l #	53
51) 4-Methyl-2-Pentanone	10.577	43	978	0.547	ug/l #	1
59) 2-Hexanone	11.294	43	376	0.277	ug/l #	21
71) Bromoform	12.853	173	584	0.658	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	35127	30.599	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	35127	78.547	ug/l #	10
95) Naphthalene	15.647	128	2965	0.963	ug/l #	88

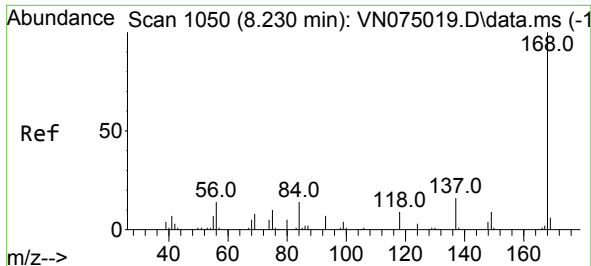
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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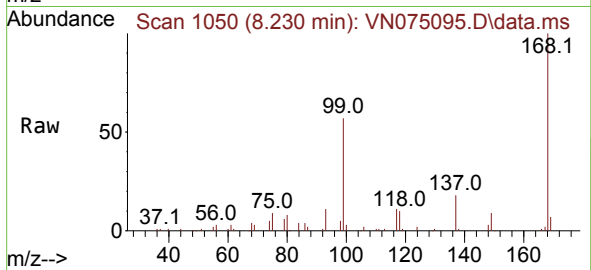
Quant Time: Nov 01 06:22:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
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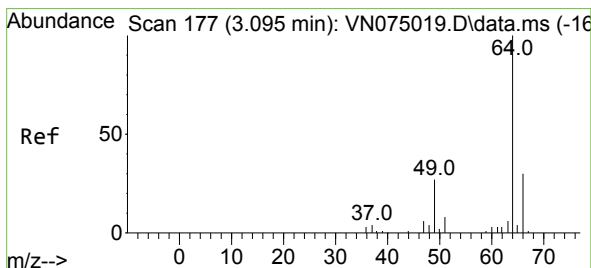
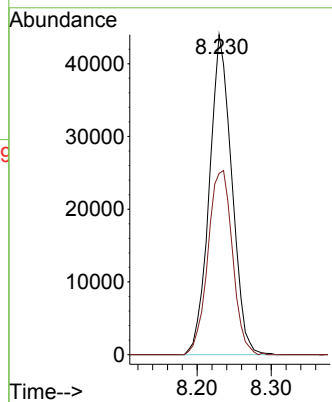
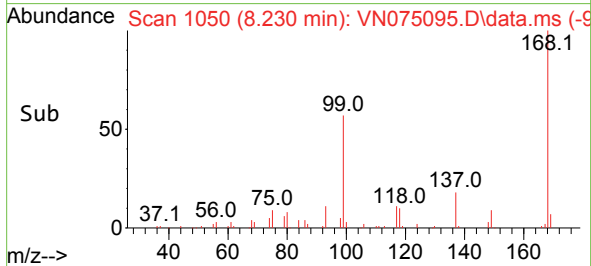


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
LIQUID-WC-20221028

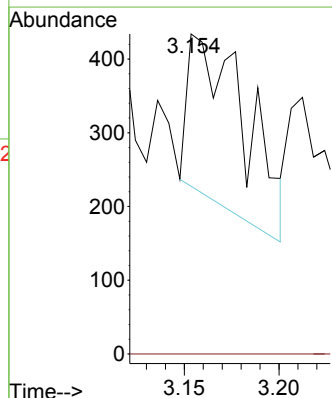
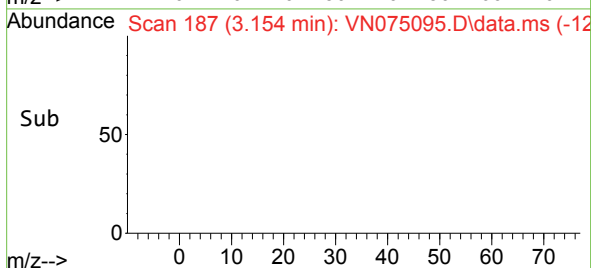
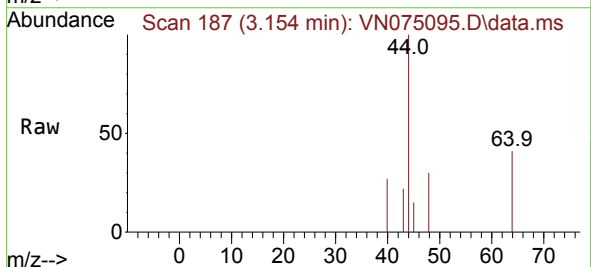


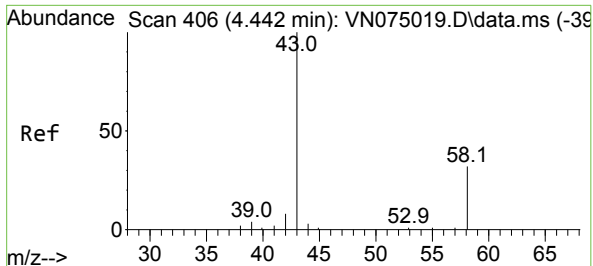
Tgt Ion:168 Resp: 92490
Ion Ratio Lower Upper
168 100
99 56.6 51.6 77.4



#6
Chloroethane
Concen: 0.358 ug/l
RT: 3.154 min Scan# 187
Delta R.T. 0.059 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

Tgt Ion: 64 Resp: 468
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

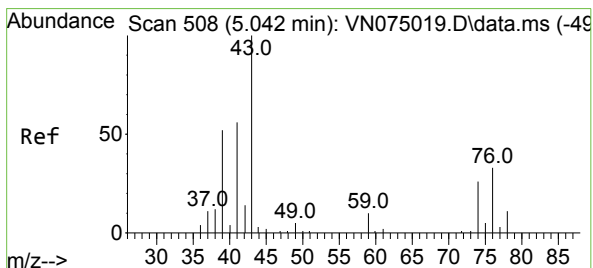
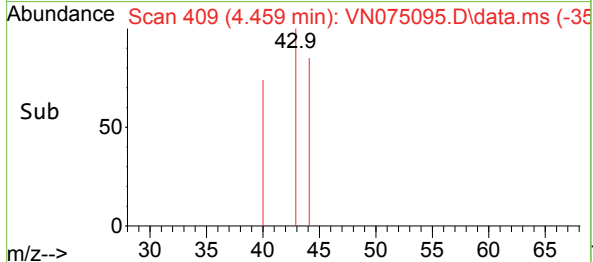
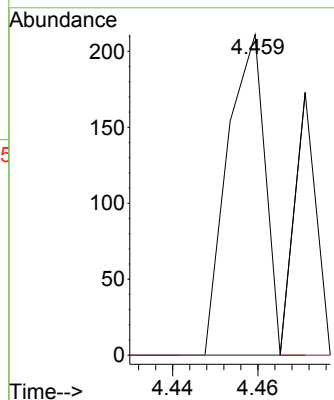
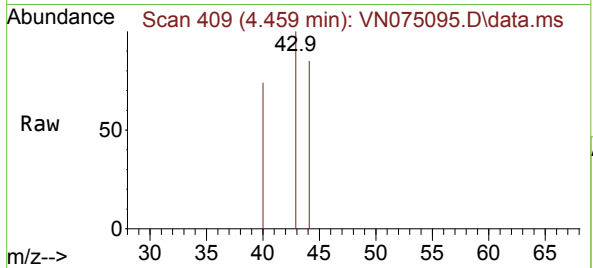




#16
Acetone
Concen: 0.244 ug/l
RT: 4.459 min Scan# 406
Delta R.T. 0.017 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

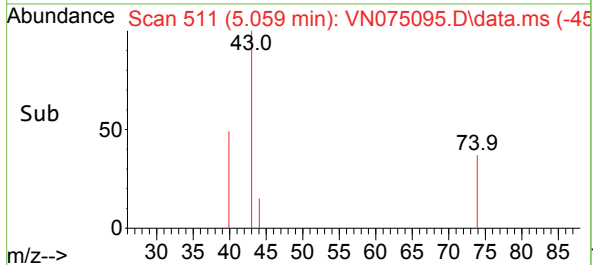
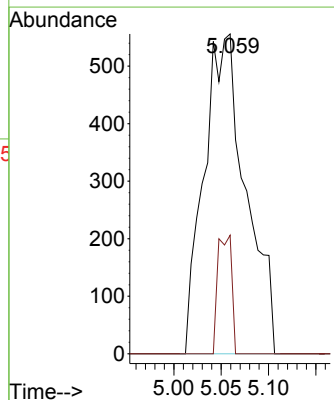
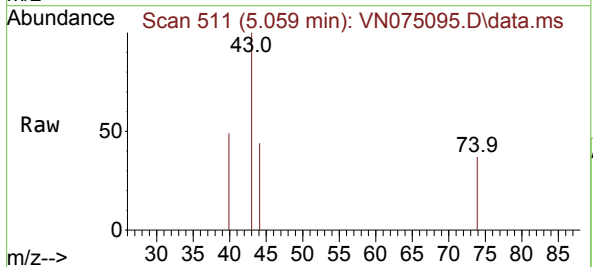
Instrument :
MSVOA_N
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LIQUID-WC-20221028

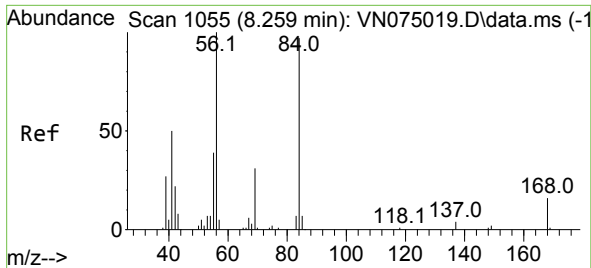
Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: 0.993 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.017 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

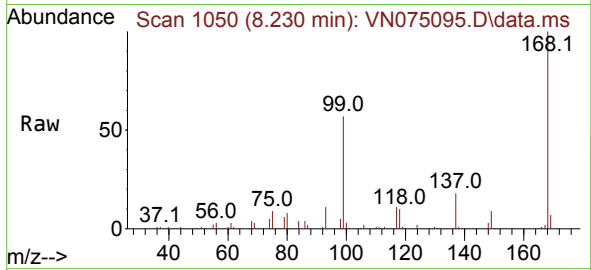
Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
74 12.3 22.0 33.0#



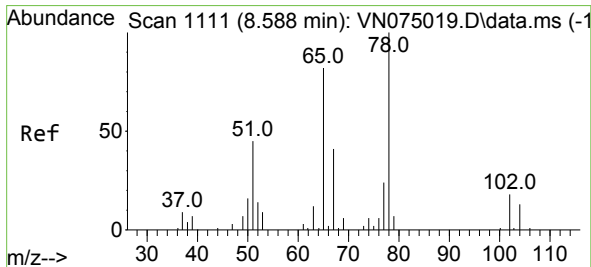
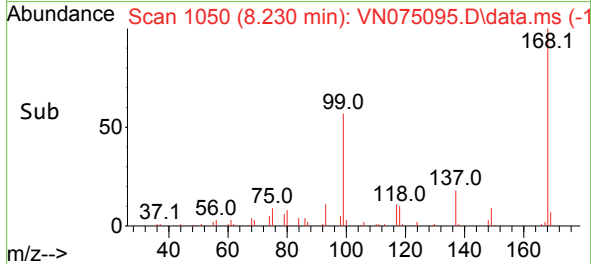
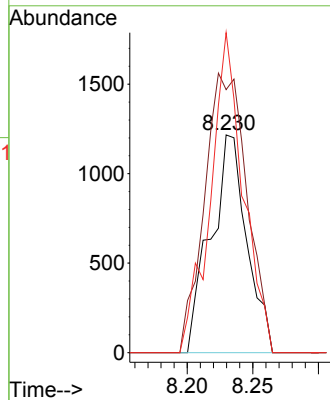


#31
Cyclohexane
Concen: 1.257 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
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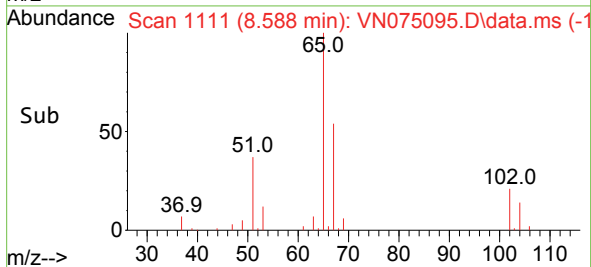
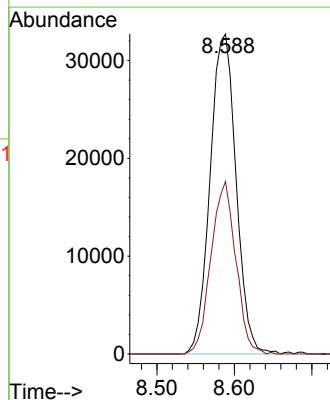
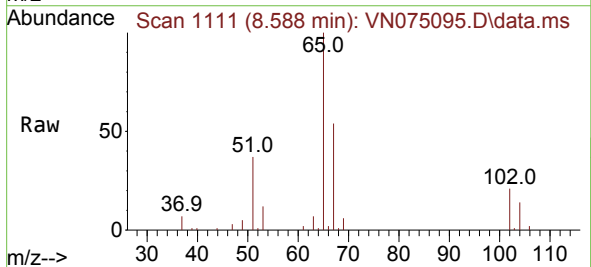


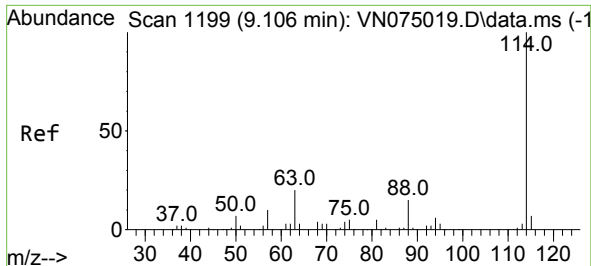
Tgt Ion: 56 Resp: 2329
Ion Ratio Lower Upper
56 100
69 120.8 25.2 37.8#
84 146.9 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 61.200 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

Tgt Ion: 65 Resp: 76267
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0

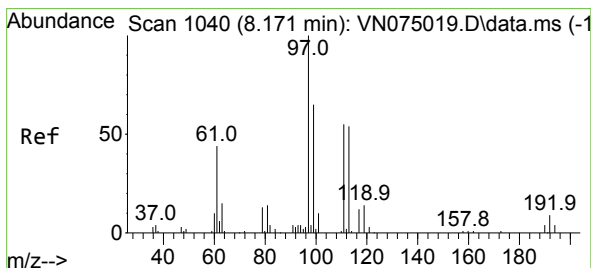
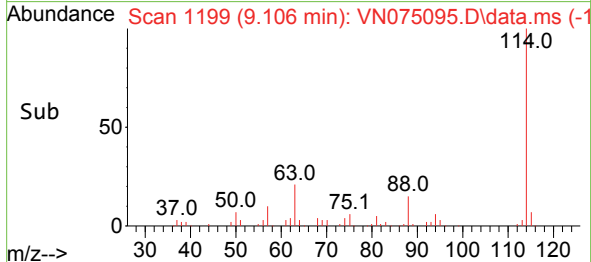
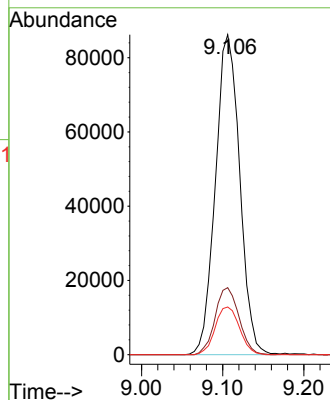
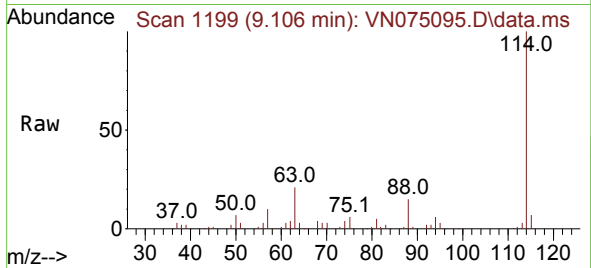




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

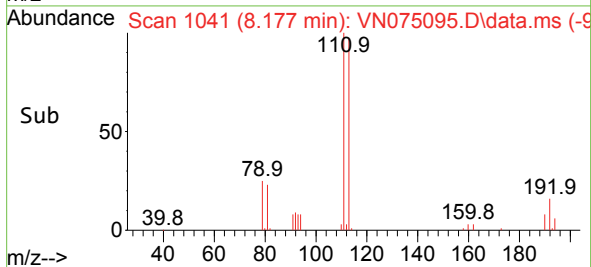
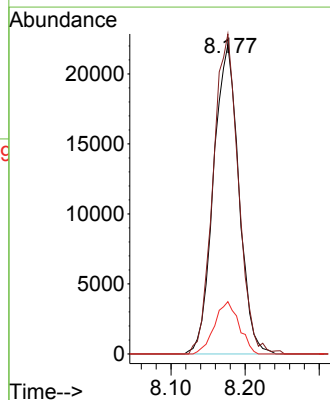
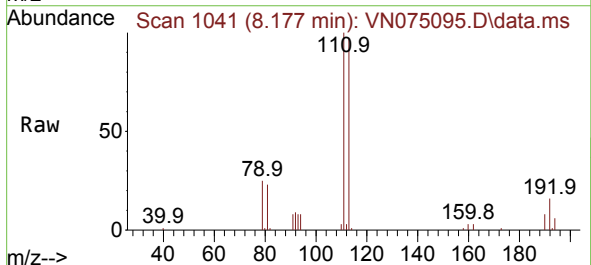
Instrument :
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ClientSampleId :
LIQUID-WC-20221028

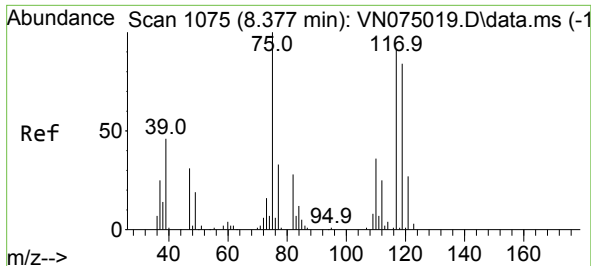
Tgt Ion:114 Resp: 179338
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.6
88 14.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.831 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

Tgt Ion:113 Resp: 52462
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 16.4 13.2 19.8

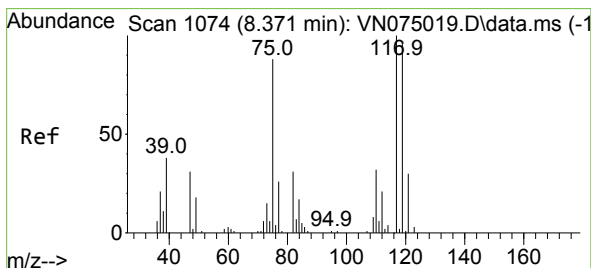
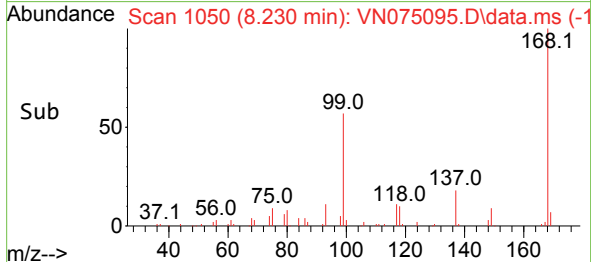
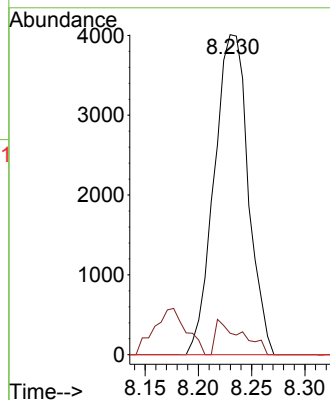
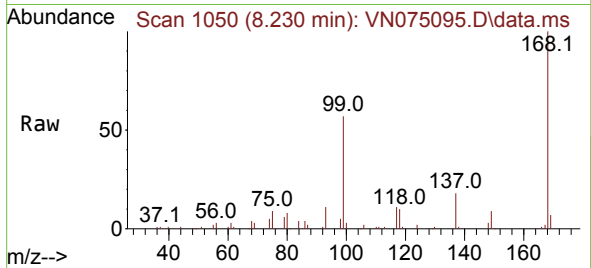




#36
1,1-Dichloropropene
Concen: 5.470 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

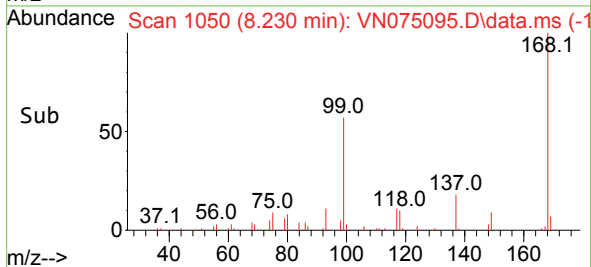
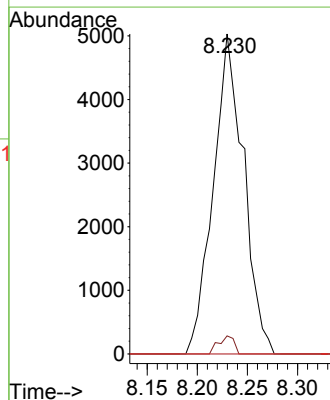
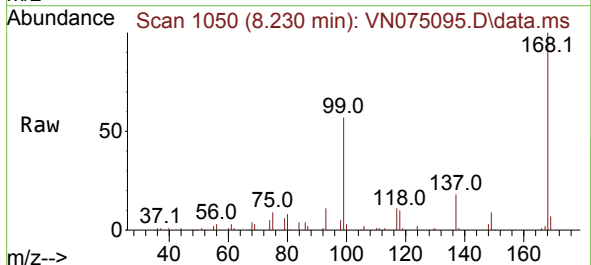
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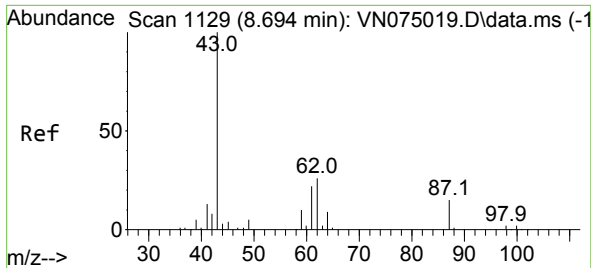
Tgt Ion: 75 Resp: 8916
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.913 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

Tgt Ion: 117 Resp: 10602
Ion Ratio Lower Upper
117 100
119 5.6 76.7 115.1#
121 0.0 23.9 35.9#

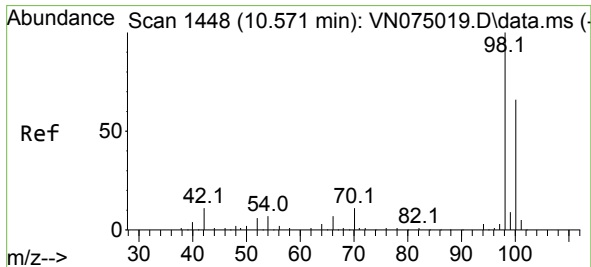
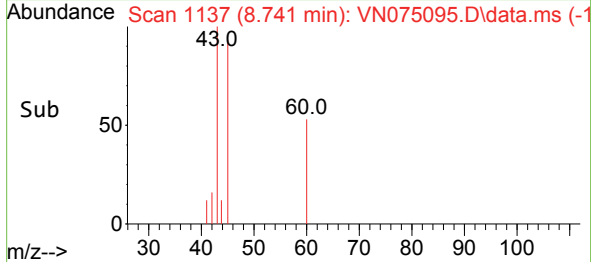
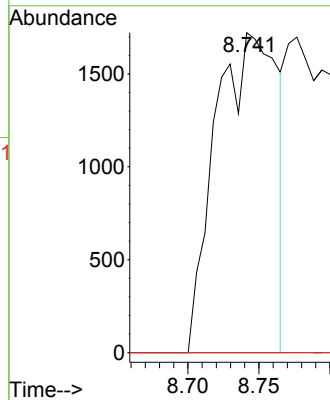
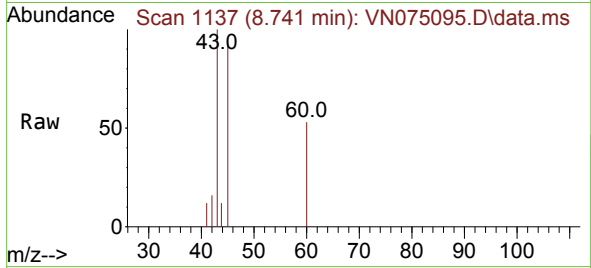




#43
Isopropyl Acetate
Concen: 1.878 ug/l
RT: 8.741 min Scan# 1129
Delta R.T. 0.047 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

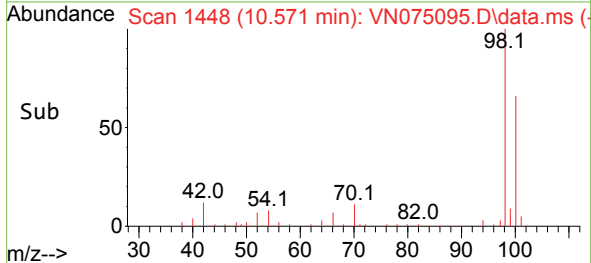
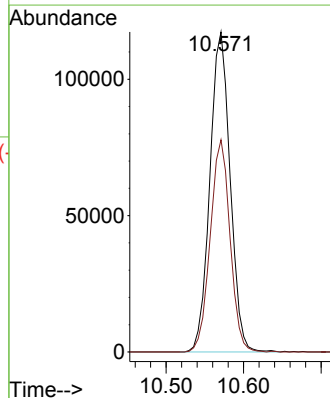
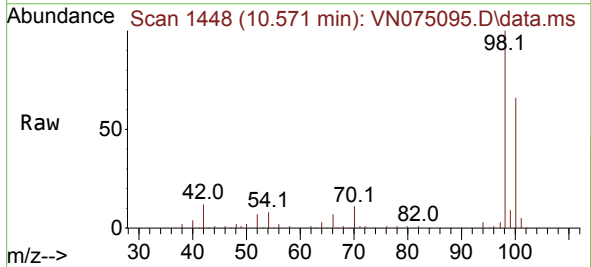
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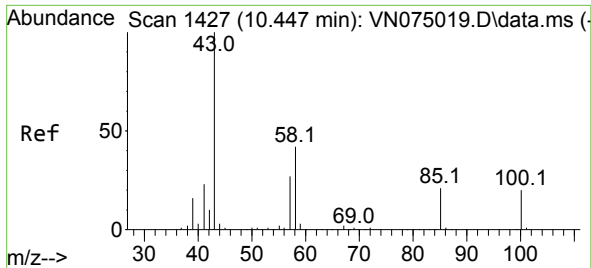
Tgt Ion: 43 Resp: 5208
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 52.085 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

Tgt Ion: 98 Resp: 212746
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.6

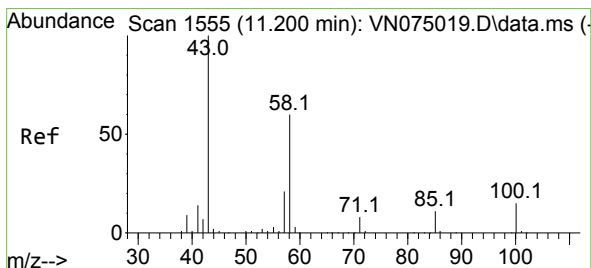
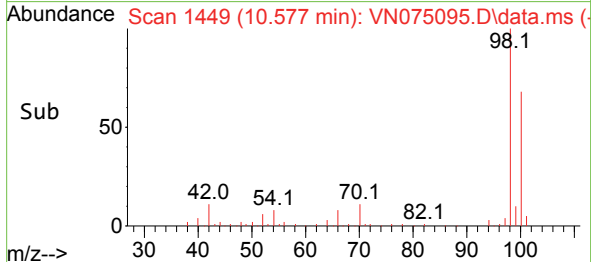
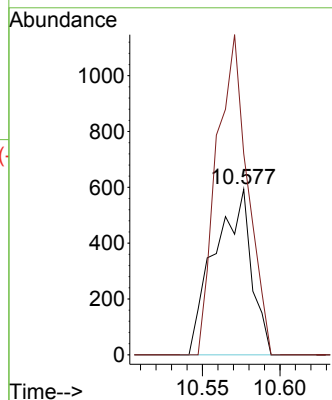
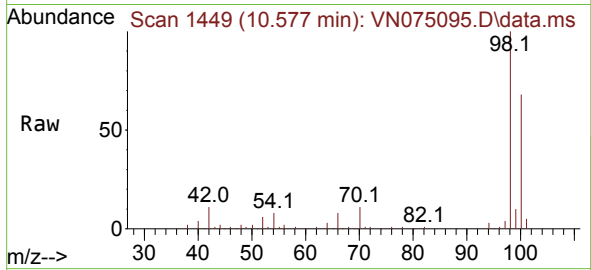




#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 10.577 min Scan# 1427
Delta R.T. 0.130 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

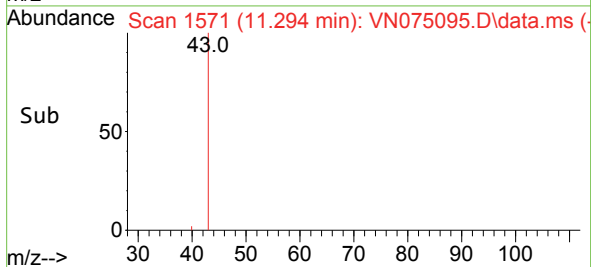
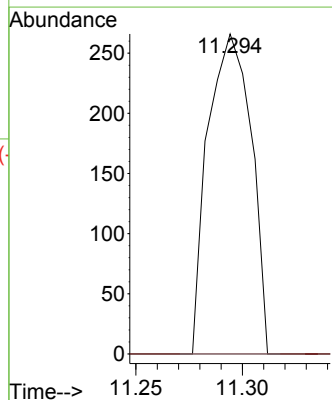
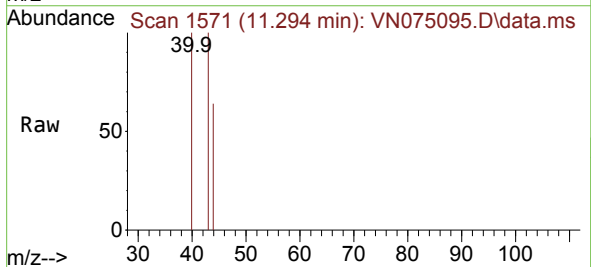
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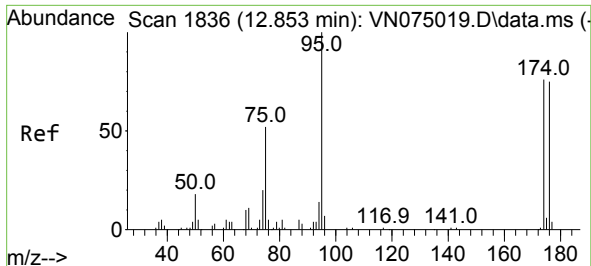
Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 163.4 33.6 50.4#



#59
2-Hexanone
Concen: 0.277 ug/l
RT: 11.294 min Scan# 1571
Delta R.T. 0.094 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

Tgt Ion: 43 Resp: 376
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#

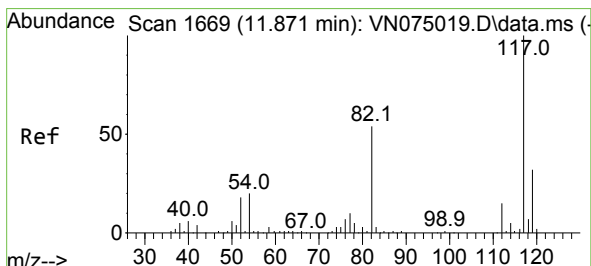
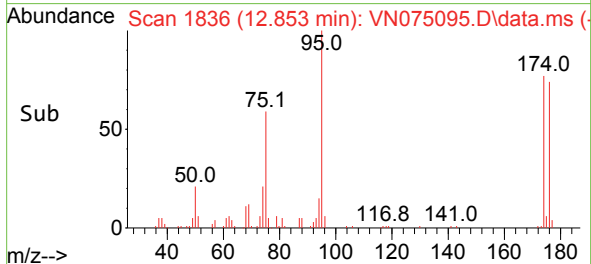
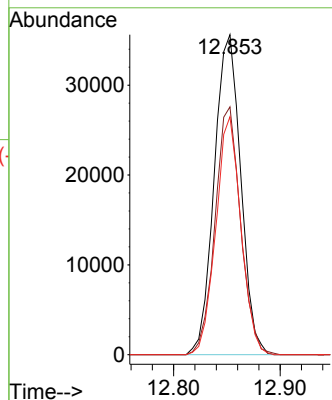
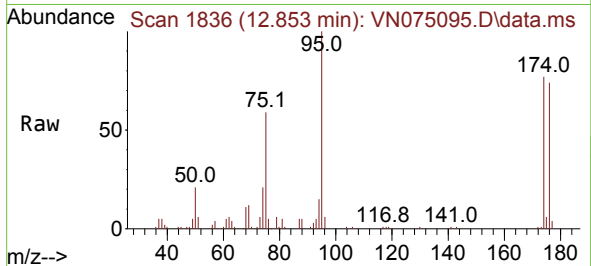




#62
4-Bromofluorobenzene
Concen: 42.828 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

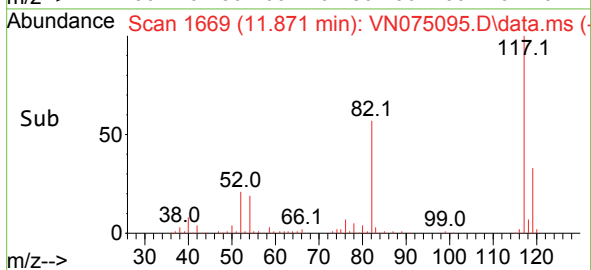
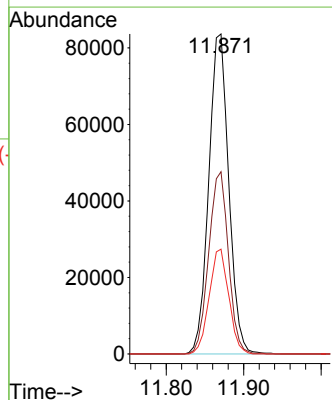
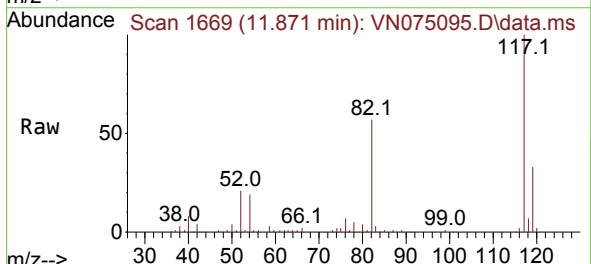
Instrument :
MSVOA_N
ClientSampleId :
LIQUID-WC-20221028

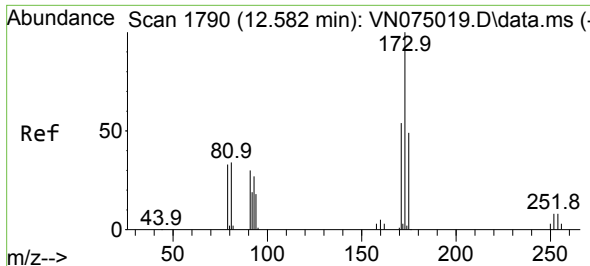
Tgt Ion: 95 Resp: 61451
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.4
176 70.4 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

Tgt Ion: 117 Resp: 149711
Ion Ratio Lower Upper
117 100
82 56.9 43.1 64.7
119 32.8 25.5 38.3

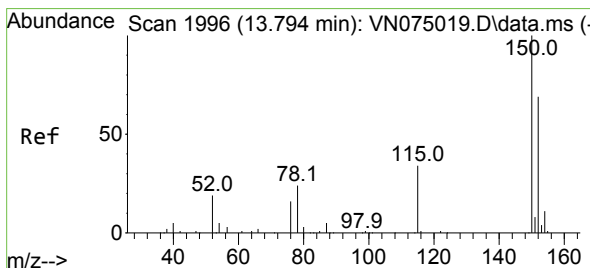
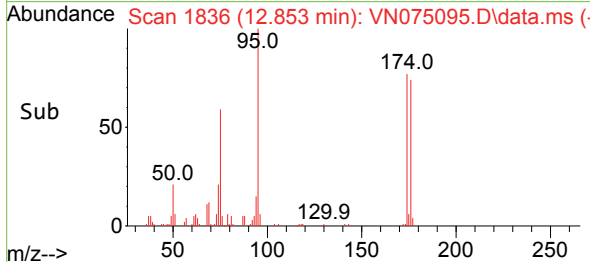
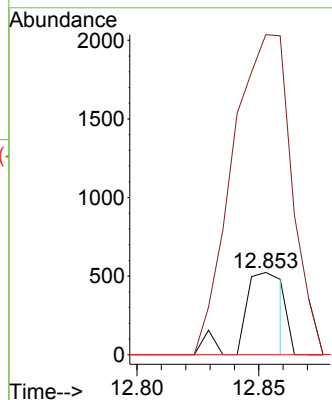
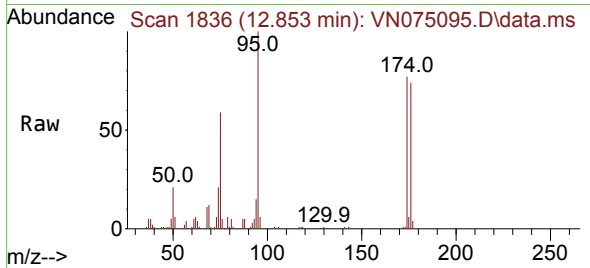




#71
Bromoform
Concen: 0.658 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

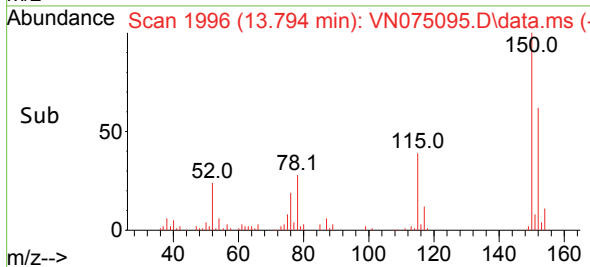
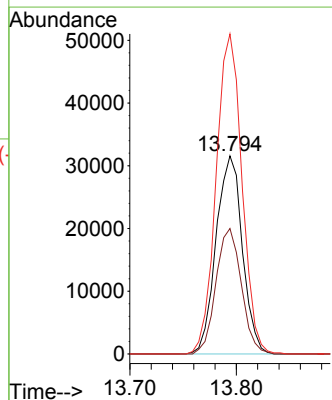
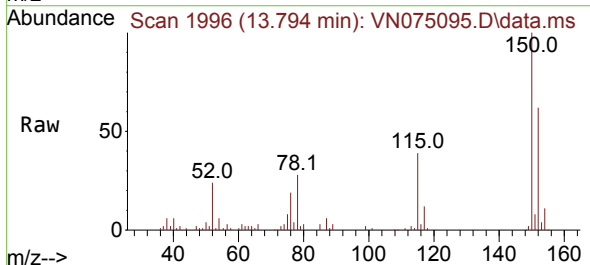
Instrument :
MSVOA_N
ClientSampleId :
LIQUID-WC-20221028

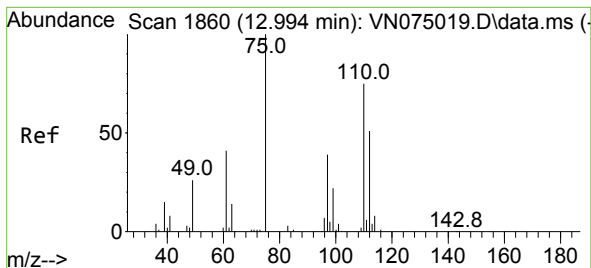
Tgt Ion:173 Resp: 584
Ion Ratio Lower Upper
173 100
175 513.4 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075095.D
Acq: 31 Oct 2022 18:35

Tgt Ion:152 Resp: 54067
Ion Ratio Lower Upper
152 100
115 61.0 30.2 90.6
150 158.6 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 30.599 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075095.D

Acq: 31 Oct 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

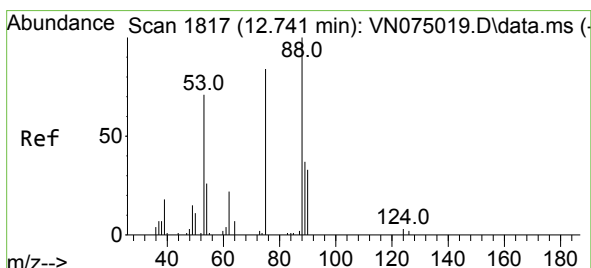
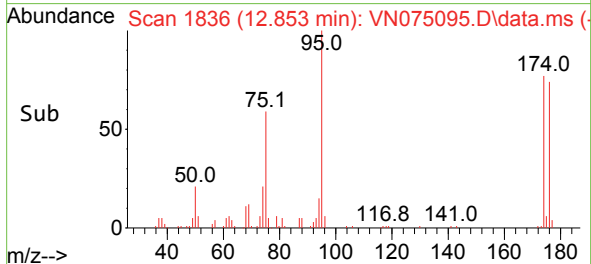
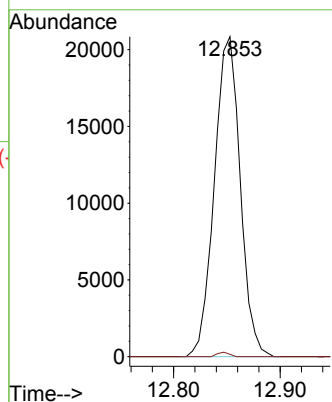
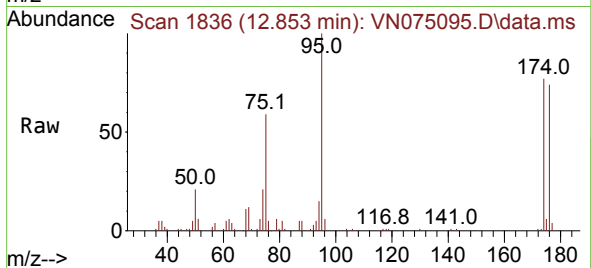
LIQUID-WC-20221028

Tgt Ion: 75 Resp: 35127

Ion Ratio Lower Upper

75 100

77 0.7 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.547 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN075095.D

Acq: 31 Oct 2022 18:35

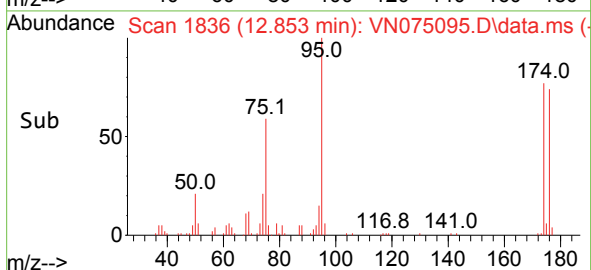
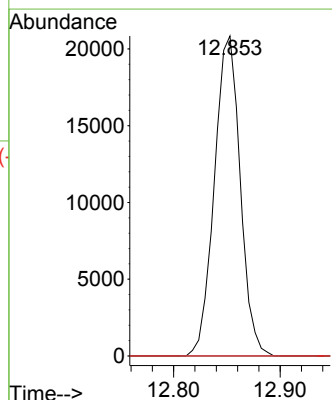
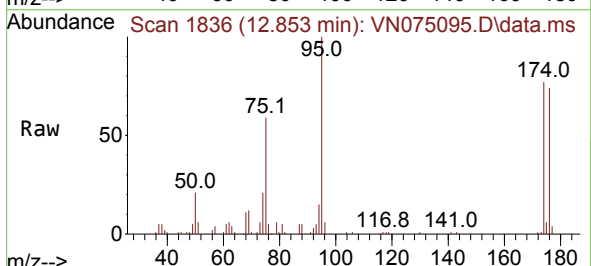
Tgt Ion: 75 Resp: 35127

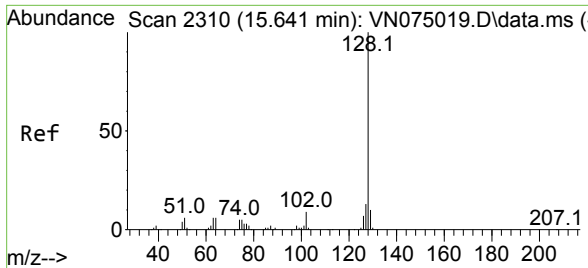
Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

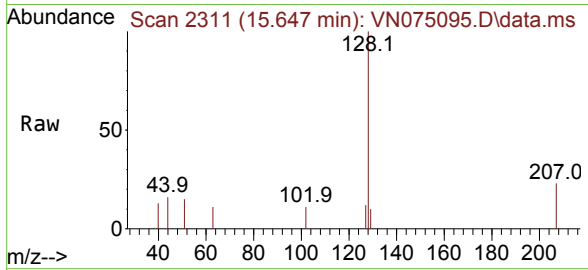
89 0.0 37.7 56.5#





#95
 Naphthalene
 Concen: 0.963 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN075095.D
 Acq: 31 Oct 2022 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 LIQUID-WC-20221028



Tgt Ion:	128	Resp:	2965
Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.4	15.6#
129	5.2	8.6	12.8#

