

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074003.D
 Acq On : 18 Aug 2022 14:34
 Operator : JC\MD
 Sample : N4229-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106D

Quant Time: Aug 18 21:50:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

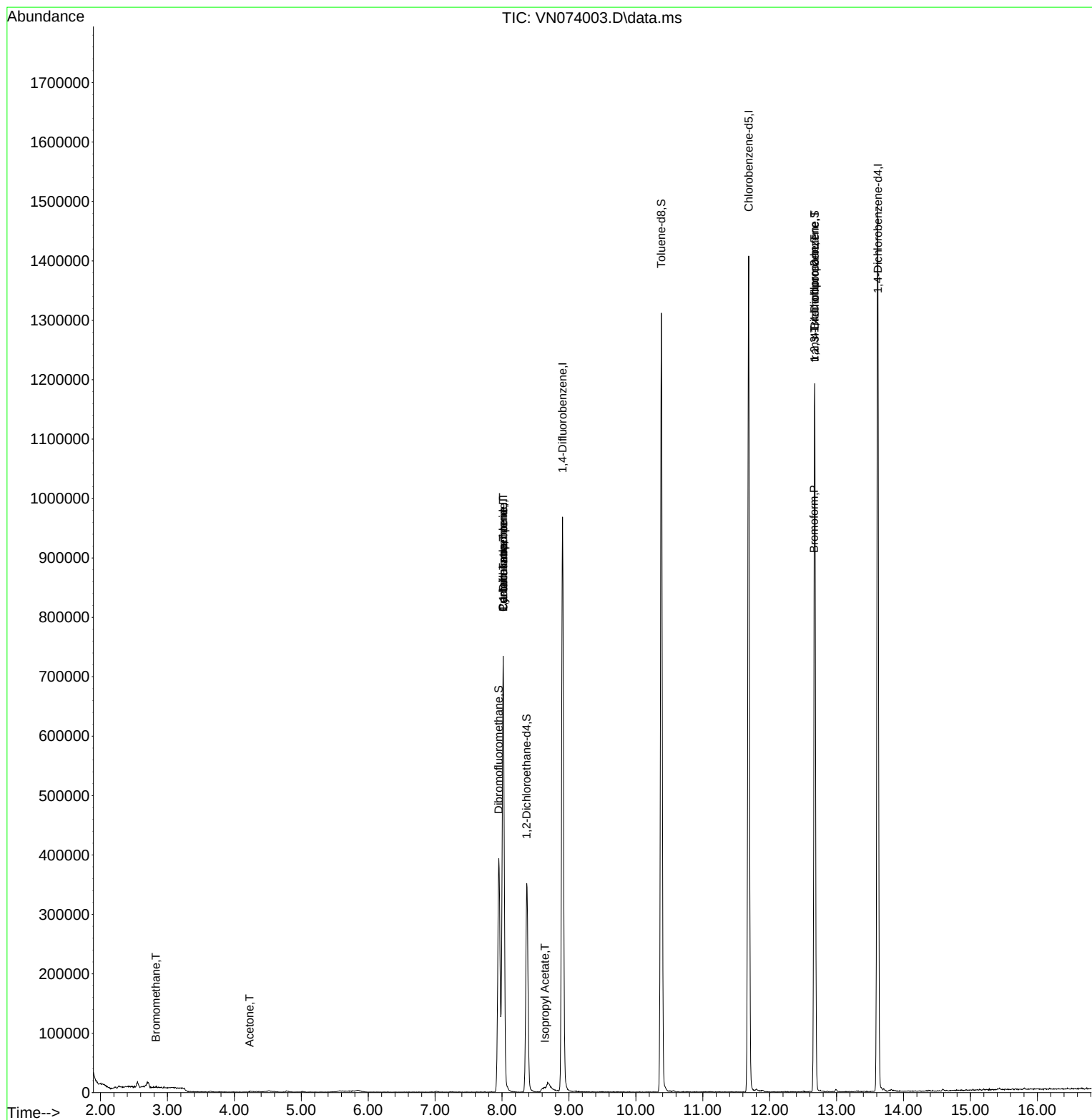
Internal Standards						
1) Pentafluorobenzene	8.016	168	616989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	899576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	865421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	453059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	298943	49.746	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.500%
35) Dibromofluoromethane	7.951	113	288088	54.152	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.300%
50) Toluene-d8	10.381	98	944406	45.836	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.674	95	394309	57.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.320%
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	1429	0.328	ug/l	82
16) Acetone	4.228	43	1190	0.420	ug/l #	42
18) Methyl Acetate	4.787	43	3448	Below Cal	#	70
31) Cyclohexane	8.016	56	9843	1.175	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	38845	5.257	ug/l #	49
38) Carbon Tetrachloride	8.016	117	53433	6.326	ug/l #	16
43) Isopropyl Acetate	8.639	43	8717	0.684	ug/l #	53
71) Bromoform	12.663	173	1348	0.217	ug/l #	28
76) 1,2,3-Trichloropropane	12.669	75	194761	20.682	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	194761	58.824	ug/l #	10

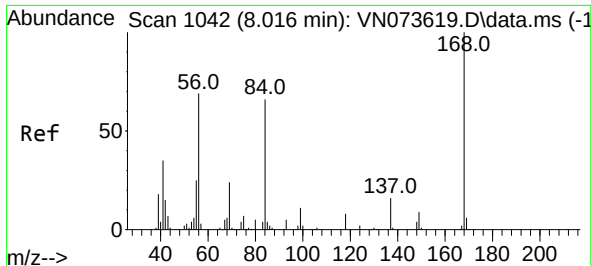
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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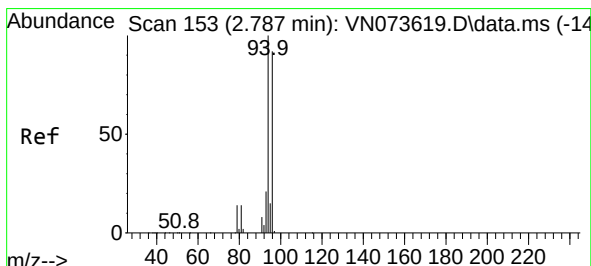
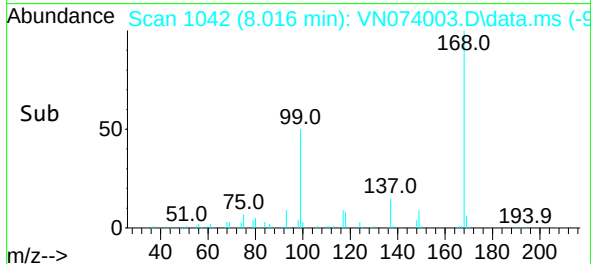
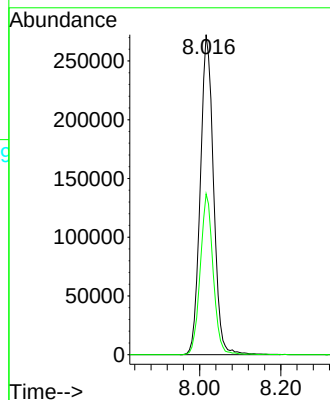
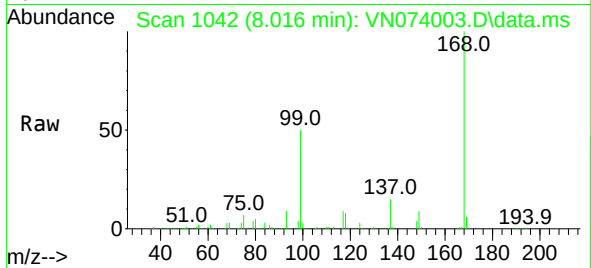




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

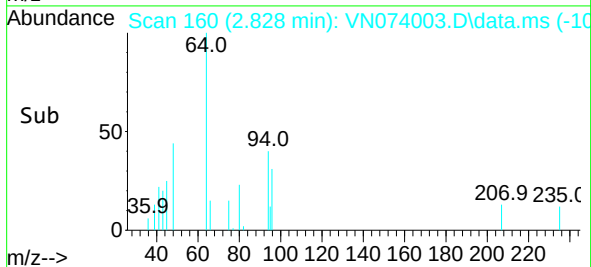
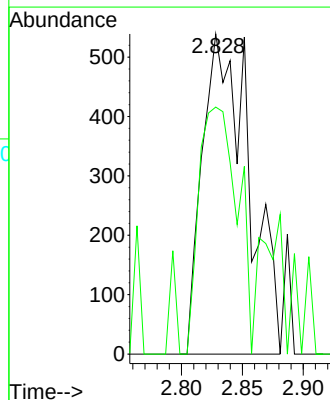
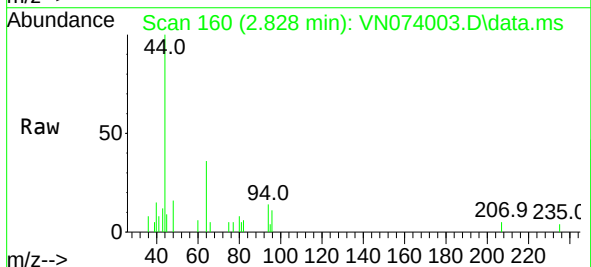
Instrument :
MSVOA_N
ClientSampleId :
MW-106D

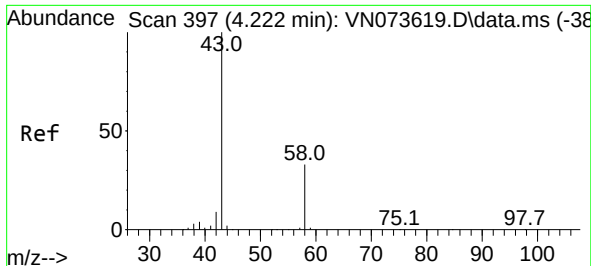
Tgt Ion:168 Resp: 616989
Ion Ratio Lower Upper
168 100
99 50.3 42.3 63.5



#5
Bromomethane
Concen: 0.328 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.041 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Tgt Ion: 94 Resp: 1429
Ion Ratio Lower Upper
94 100
96 77.2 76.0 114.0





#16

Acetone

Concen: 0.420 ug/l

RT: 4.228 min Scan# 397

Delta R.T. 0.006 min

Lab File: VN074003.D

Acq: 18 Aug 2022 14:34

Instrument :

MSVOA_N

ClientSampleId :

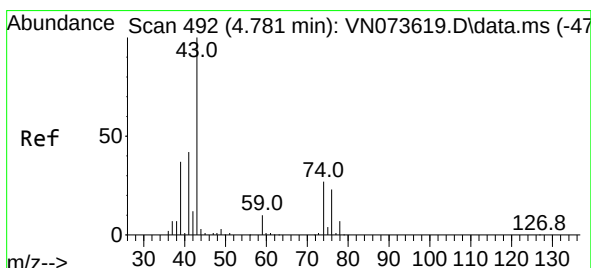
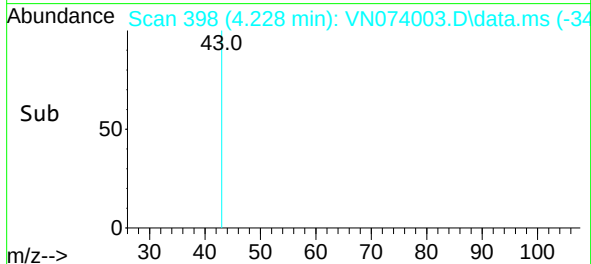
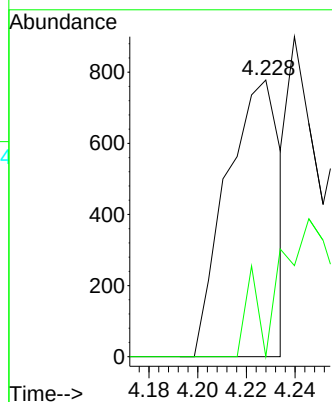
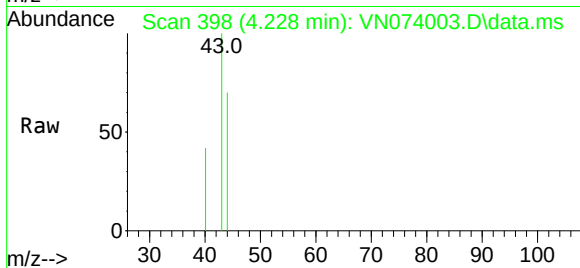
MW-106D

Tgt Ion: 43 Resp: 1190

Ion Ratio Lower Upper

43 100

58 0.0 26.0 39.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.787 min Scan# 493

Delta R.T. 0.006 min

Lab File: VN074003.D

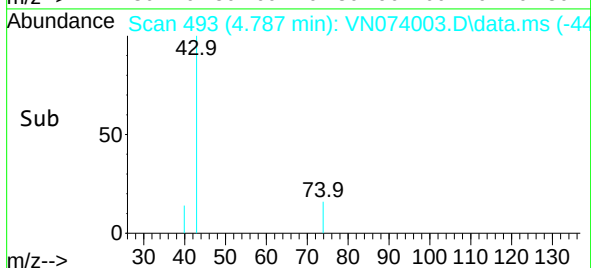
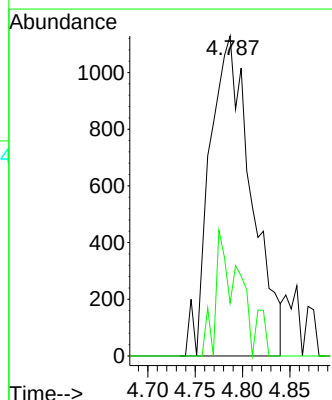
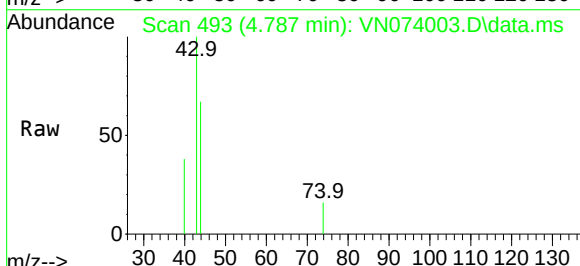
Acq: 18 Aug 2022 14:34

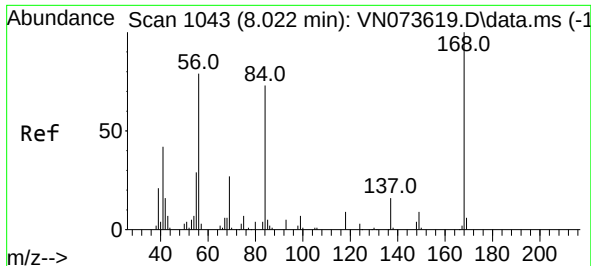
Tgt Ion: 43 Resp: 3448

Ion Ratio Lower Upper

43 100

74 11.7 21.6 32.4#

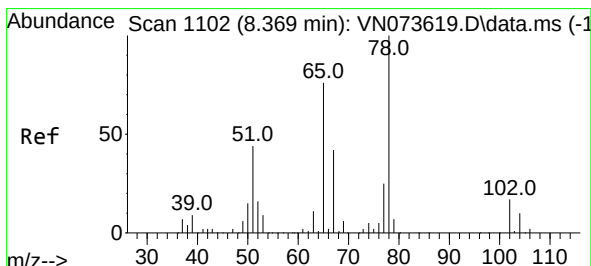
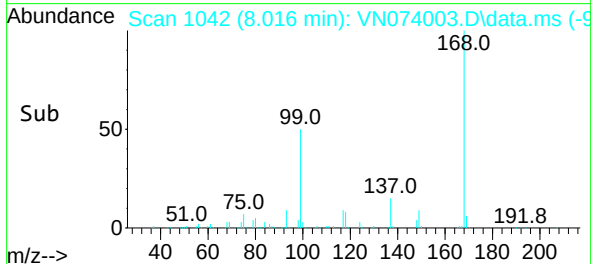
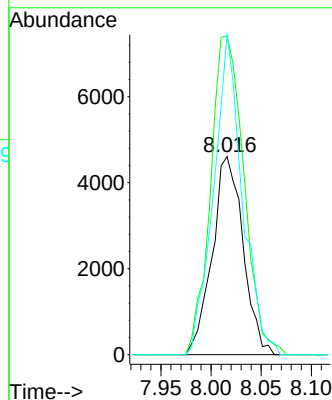
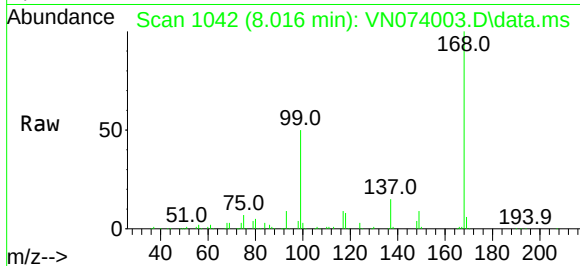




#31
Cyclohexane
Concen: 1.175 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

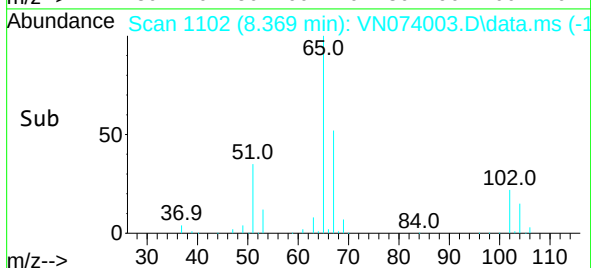
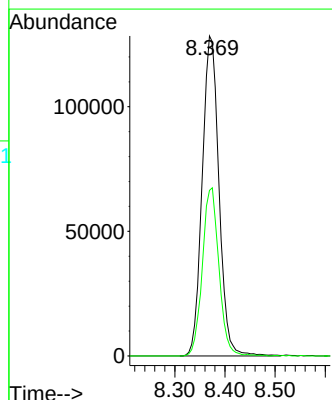
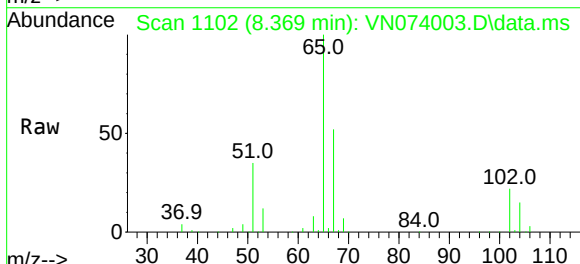
Instrument :
MSVOA_N
ClientSampleId :
MW-106D

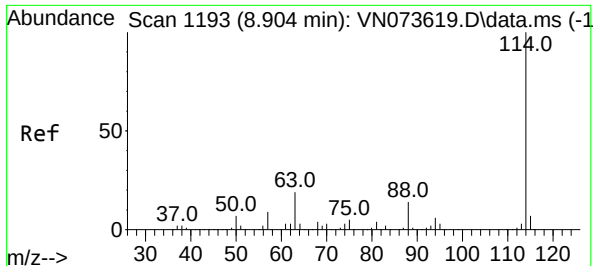
Tgt Ion: 56 Resp: 9843
Ion Ratio Lower Upper
56 100
69 161.1 27.8 41.8#
84 161.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.746 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Tgt Ion: 65 Resp: 298943
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

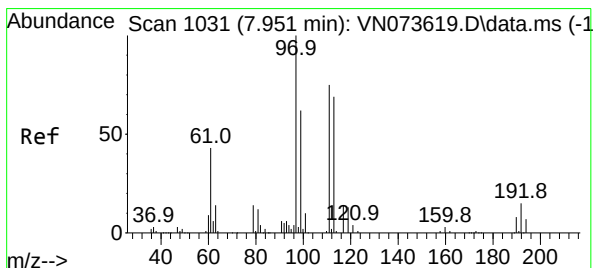
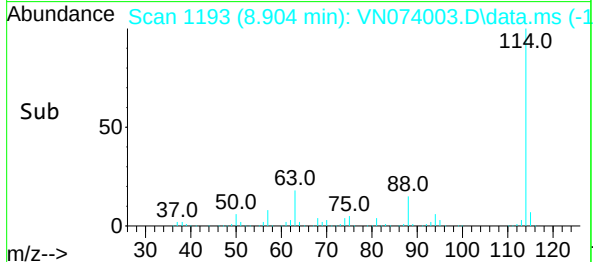
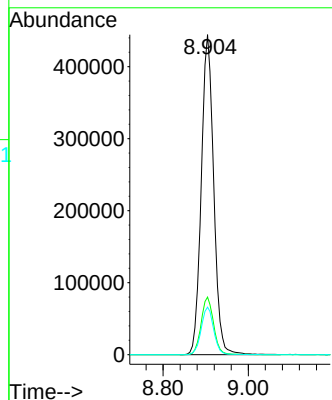
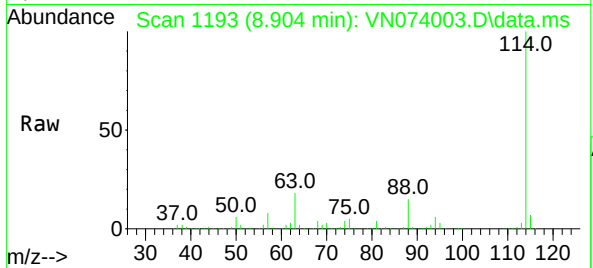




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

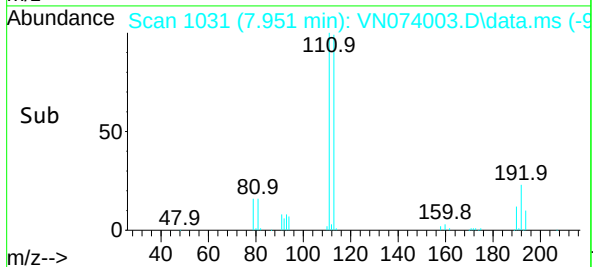
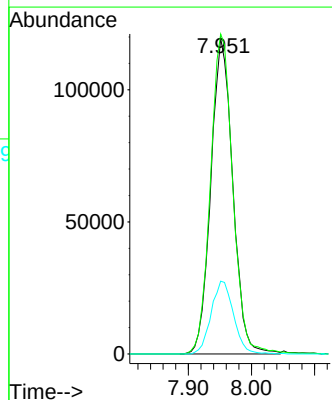
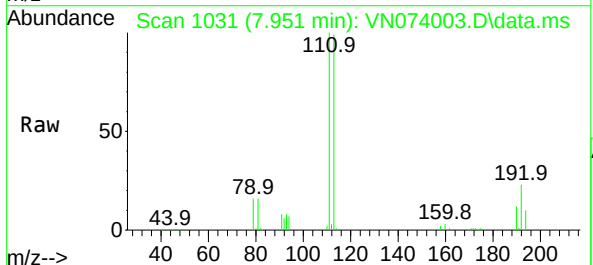
Instrument :
MSVOA_N
ClientSampleId :
MW-106D

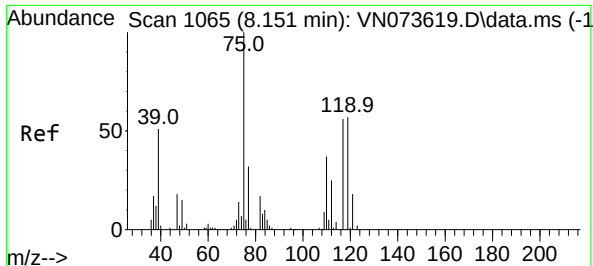
Tgt Ion:114 Resp: 899576
Ion Ratio Lower Upper
114 100
63 18.0 0.0 40.0
88 14.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.152 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Tgt Ion:113 Resp: 288088
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 23.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.257 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074003.D

Acq: 18 Aug 2022 14:34

Instrument :

MSVOA_N

ClientSampleId :

MW-106D

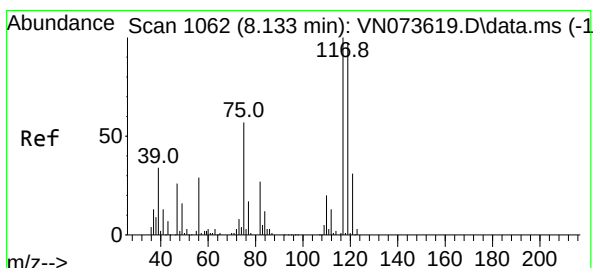
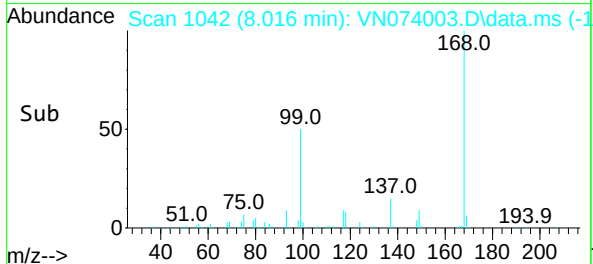
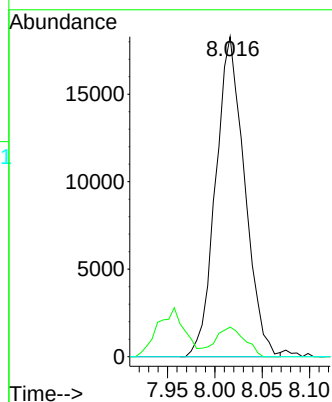
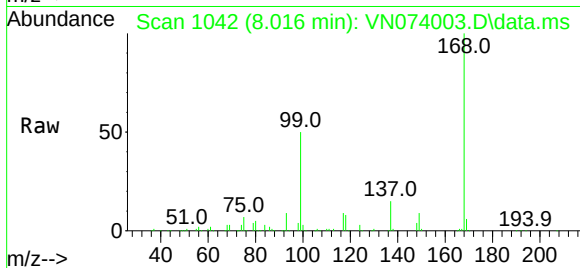
Tgt Ion: 75 Resp: 38845

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.326 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN074003.D

Acq: 18 Aug 2022 14:34

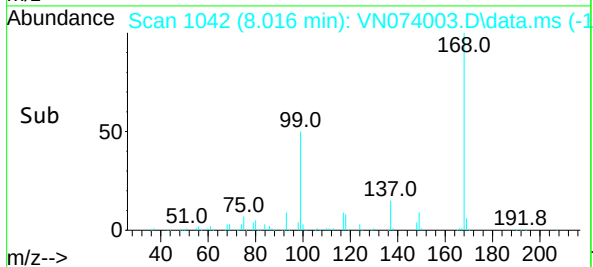
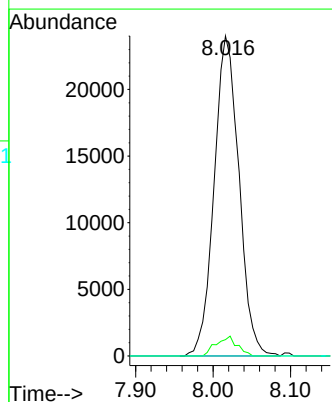
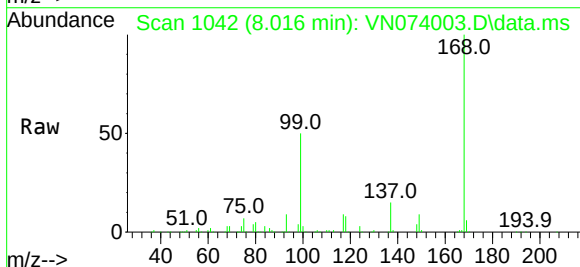
Tgt Ion: 117 Resp: 53433

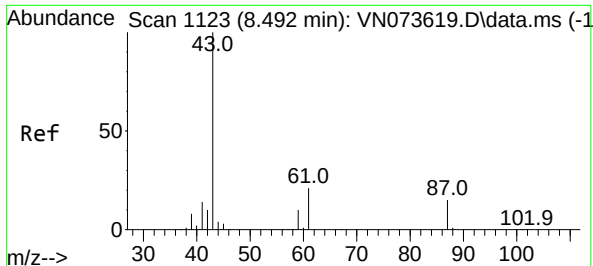
Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.684 ug/l

RT: 8.639 min Scan# 1123

Delta R.T. 0.147 min

Lab File: VN074003.D

Acq: 18 Aug 2022 14:34

Instrument :

MSVOA_N

ClientSampleId :

MW-106D

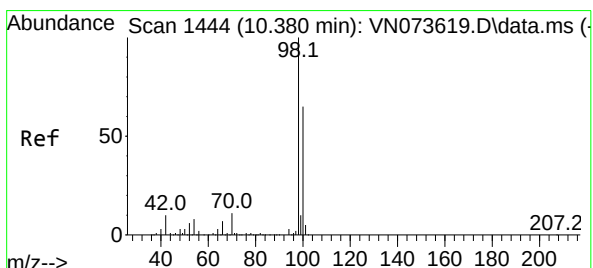
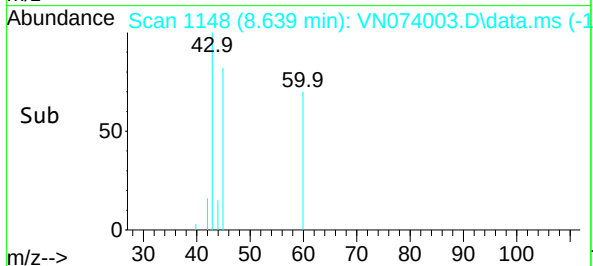
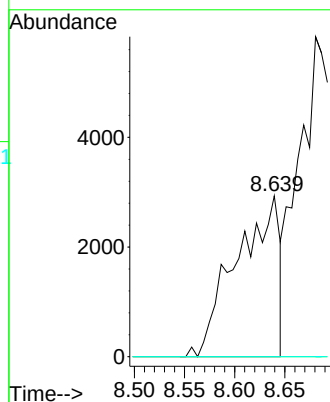
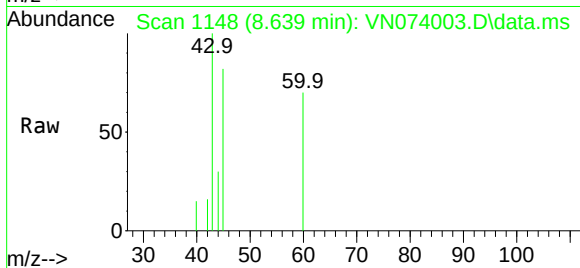
Tgt Ion: 43 Resp: 8717

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 45.836 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.001 min

Lab File: VN074003.D

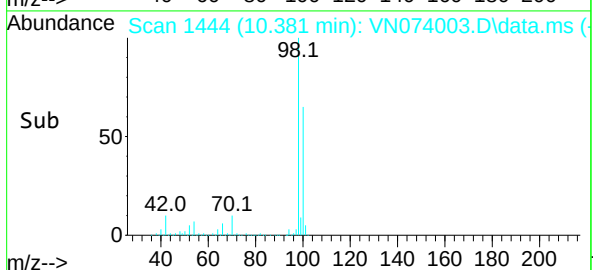
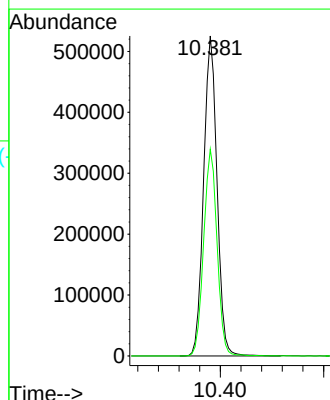
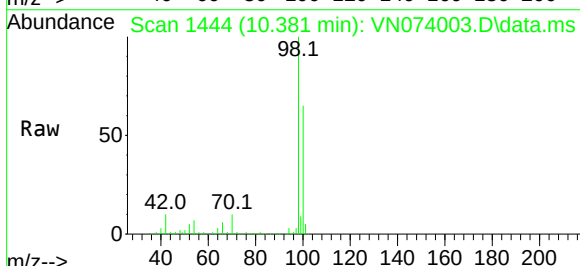
Acq: 18 Aug 2022 14:34

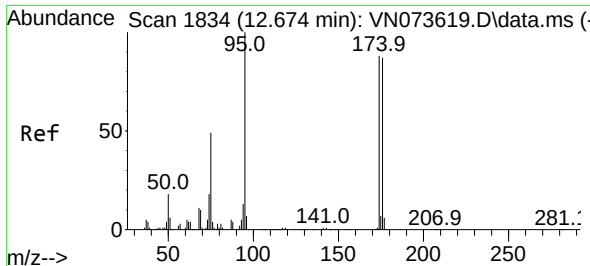
Tgt Ion: 98 Resp: 944406

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8

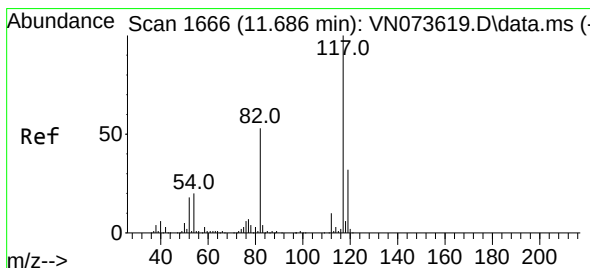
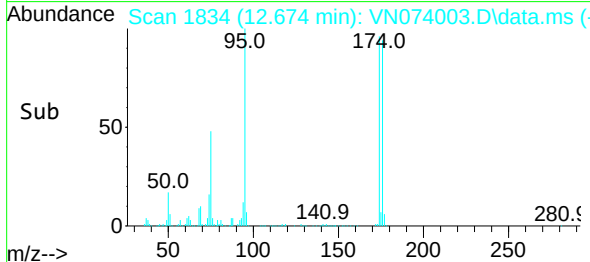
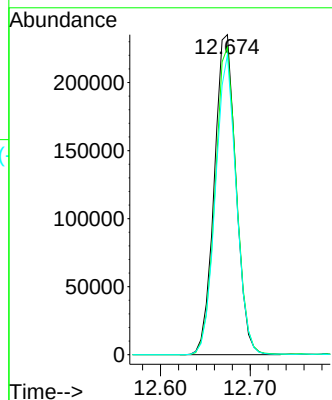
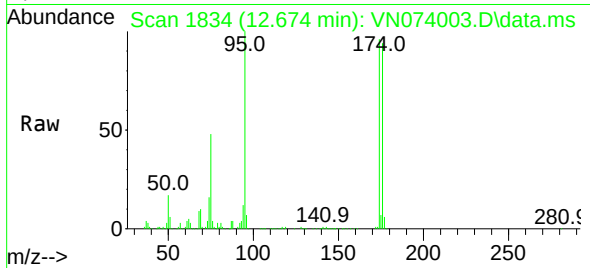




#62
4-Bromofluorobenzene
Concen: 57.664 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

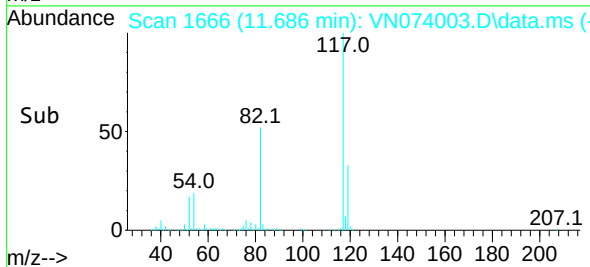
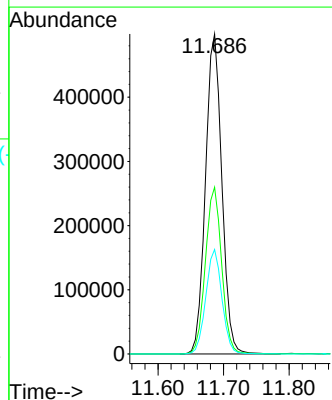
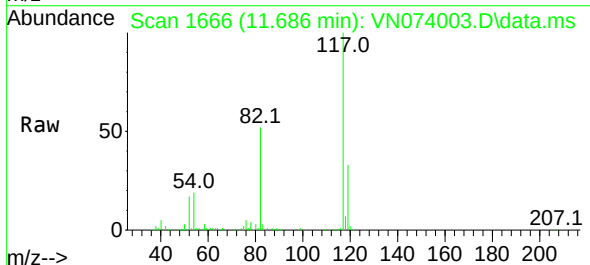
Instrument :
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MW-106D

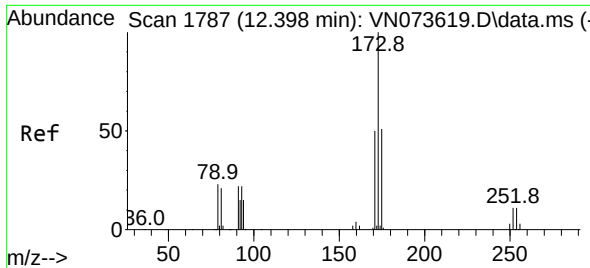
Tgt Ion: 95 Resp: 394309
Ion Ratio Lower Upper
95 100
174 94.5 0.0 167.6
176 90.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Tgt Ion: 117 Resp: 865421
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 32.6 25.4 38.0

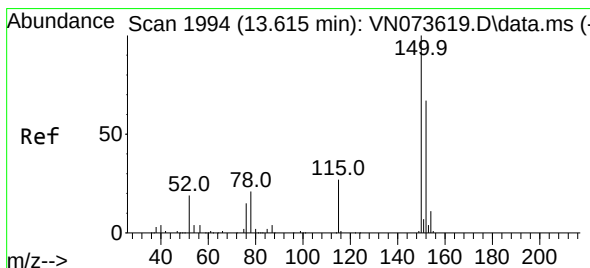
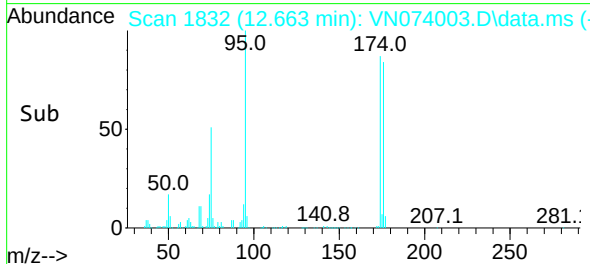
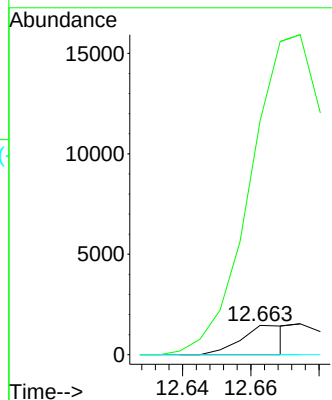
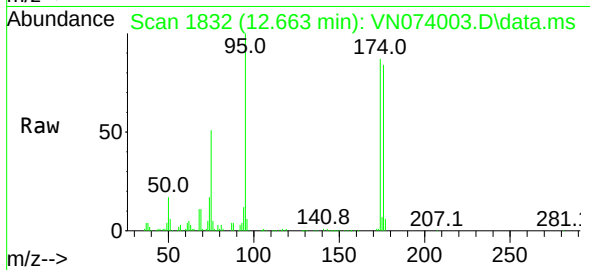




#71
Bromoform
Concen: 0.217 ug/l
RT: 12.663 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

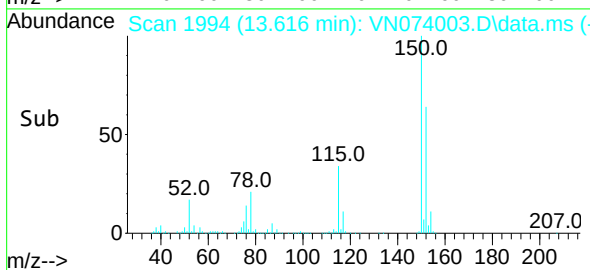
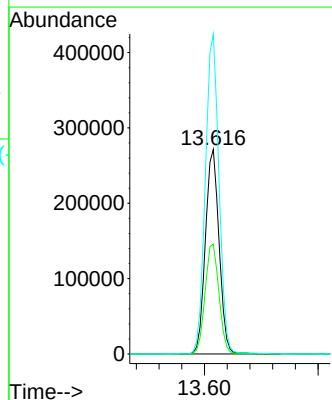
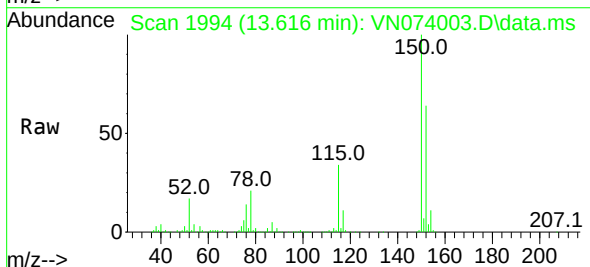
Instrument :
MSVOA_N
ClientSampleId :
MW-106D

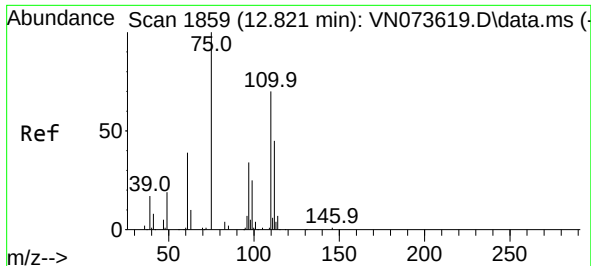
Tgt Ion:173 Resp: 1348
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Tgt Ion:152 Resp: 453059
Ion Ratio Lower Upper
152 100
115 54.7 28.9 86.7
150 155.8 0.0 356.2

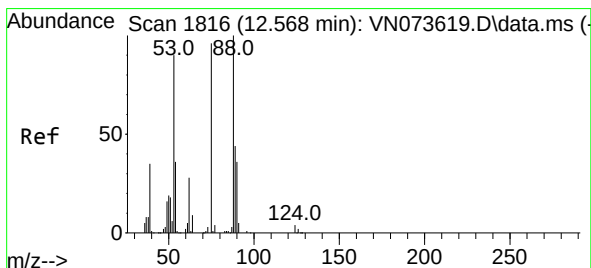
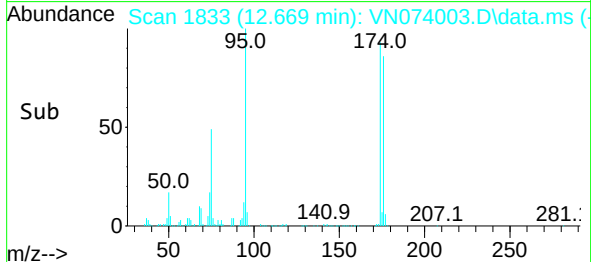
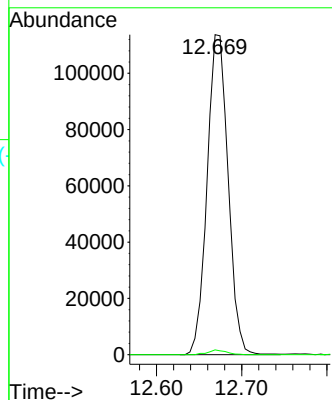
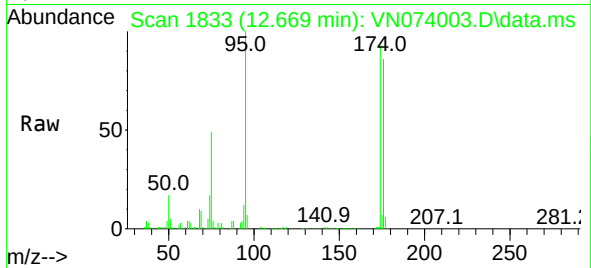




#76
1,2,3-Trichloropropane
Concen: 20.682 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Instrument :
MSVOA_N
ClientSampleId :
MW-106D

Tgt Ion: 75 Resp: 194761
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.824 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.101 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Tgt Ion: 75 Resp: 194761
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

