

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073853.D
 Acq On : 12 Aug 2022 15:48
 Operator : JC\MD
 Sample : N4197-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20220811

Quant Time: Aug 13 05:03:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

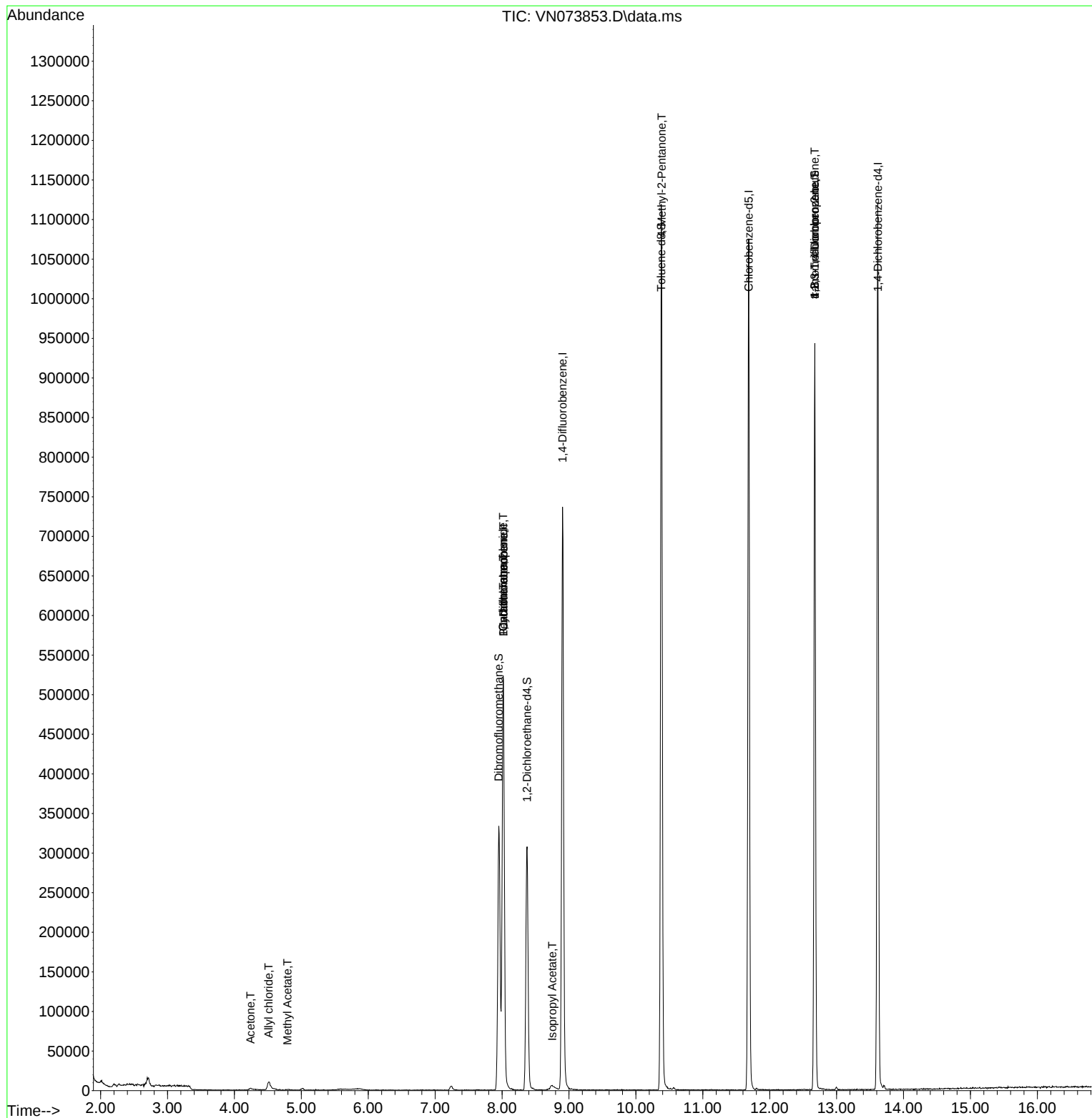
Internal Standards						
1) Pentafluorobenzene	8.022	168	435575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	677390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	642791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	322483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	260936	49.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.320%		
35) Dibromofluoromethane	7.951	113	248789	58.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	116.980%		
50) Toluene-d8	10.380	98	786286	46.975	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.960%		
62) 4-Bromofluorobenzene	12.674	95	299068	50.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.700%		
Target Compounds			Qvalue			
3) Chloromethane	2.269	50	1571	Below Cal		93
6) Chloroethane	2.957	64	528	Below Cal	#	42
14) Allyl chloride	4.510	41	2009	0.304	ug/l #	62
16) Acetone	4.240	43	4958	1.739	ug/l #	86
18) Methyl Acetate	4.793	43	2291	0.323	ug/l #	52
20) Methylene Chloride	5.010	84	1928	Below Cal	#	68
31) Cyclohexane	8.016	56	7693	0.973	ug/l #	17
36) 1,1-Dichloropropene	8.022	75	31075	5.126	ug/l #	49
38) Carbon Tetrachloride	8.016	117	39627	6.436	ug/l #	18
43) Isopropyl Acetate	8.751	43	5689	0.528	ug/l #	53
51) 4-Methyl-2-Pentanone	10.386	43	3243	0.419	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	149876	23.672	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	149876	60.229	ug/l #	10

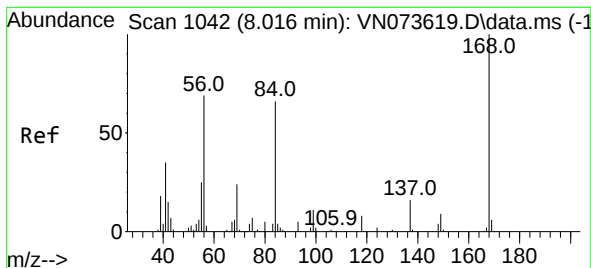
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.022 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073853.D

Acq: 12 Aug 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

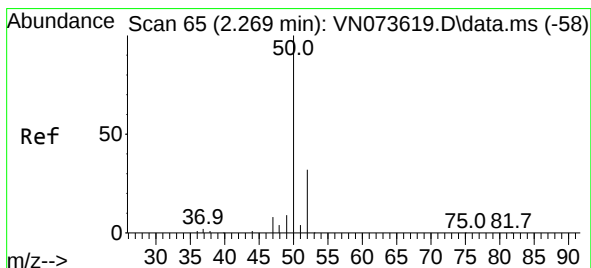
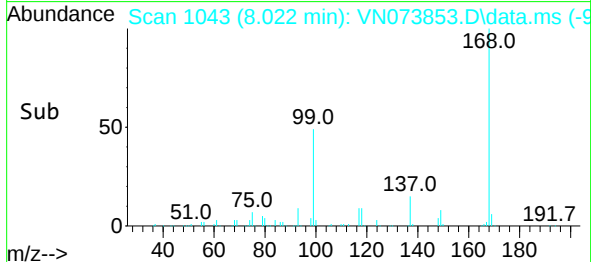
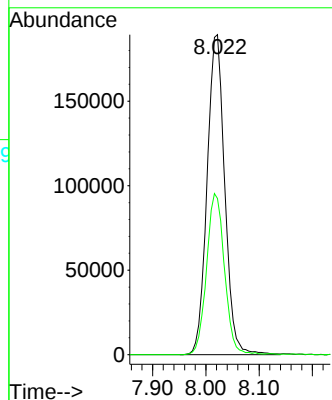
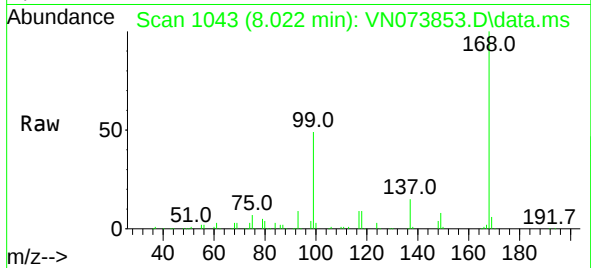
TT-TB-20220811

Tgt Ion:168 Resp: 435575

Ion Ratio Lower Upper

168 100

99 48.8 42.3 63.5



#3

Chloromethane

Concen: Below Cal

RT: 2.269 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN073853.D

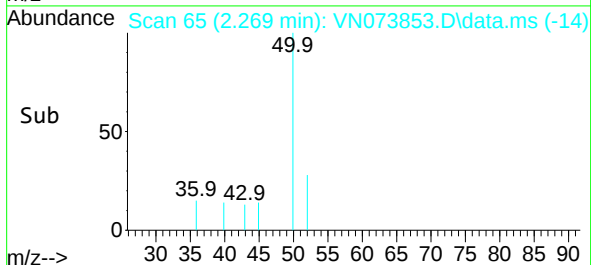
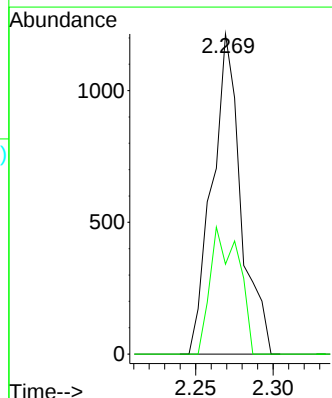
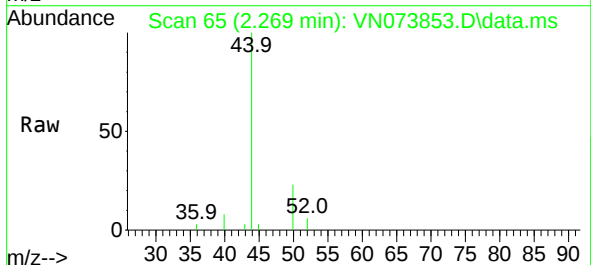
Acq: 12 Aug 2022 15:48

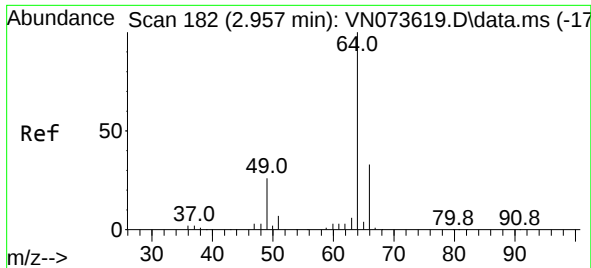
Tgt Ion: 50 Resp: 1571

Ion Ratio Lower Upper

50 100

52 28.1 25.7 38.5

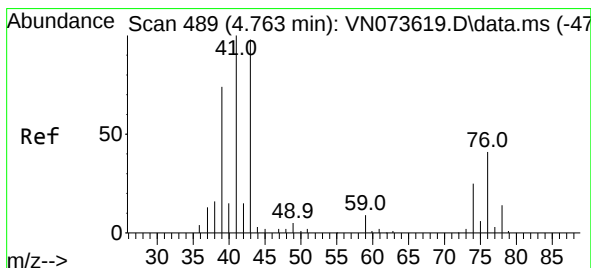
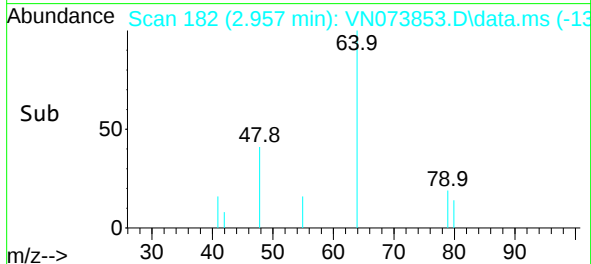
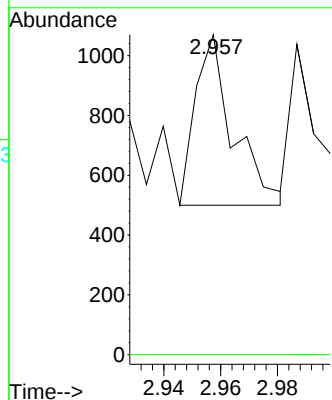
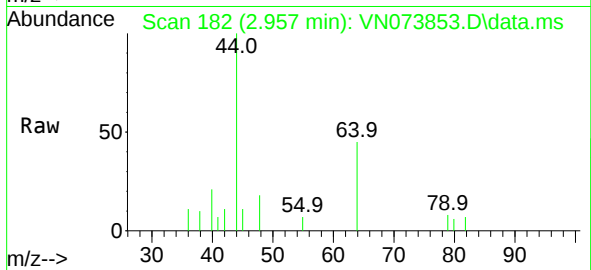




#6
Chloroethane
Concen: Below Cal
RT: 2.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

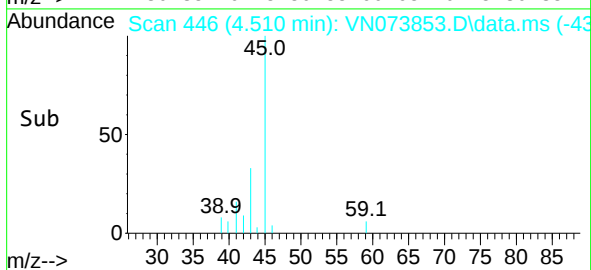
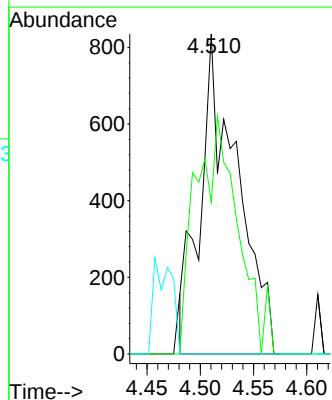
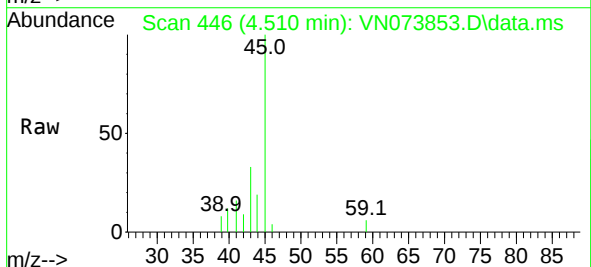
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220811

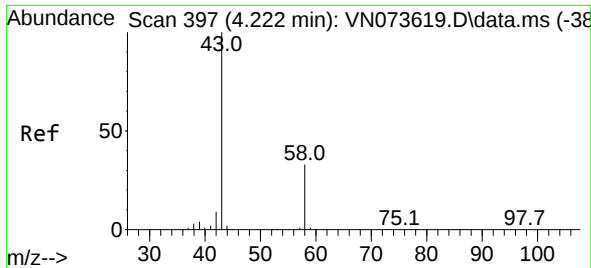
Tgt Ion: 64 Resp: 528
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#14
Allyl chloride
Concen: 0.304 ug/l
RT: 4.510 min Scan# 446
Delta R.T. -0.253 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

Tgt Ion: 41 Resp: 2009
Ion Ratio Lower Upper
41 100
39 85.4 53.2 79.8#
76 0.0 29.9 44.9#





#16

Acetone

Concen: 1.739 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN073853.D

Acq: 12 Aug 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

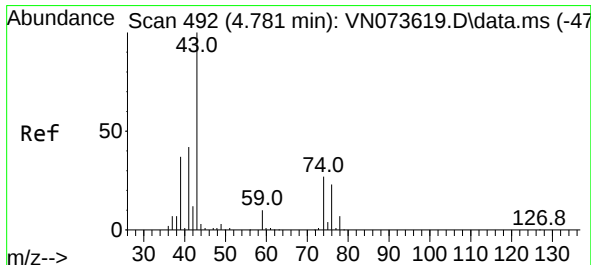
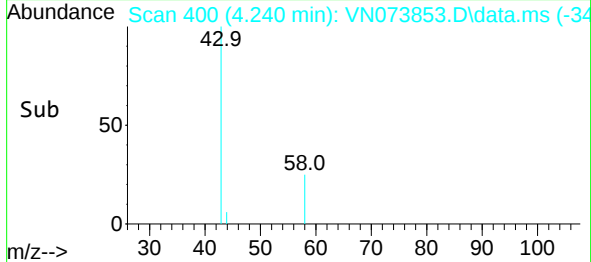
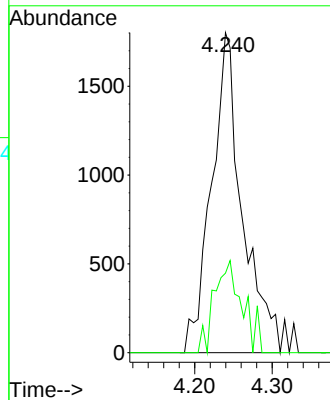
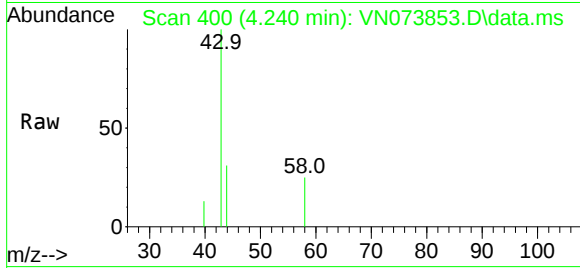
TT-TB-20220811

Tgt Ion: 43 Resp: 4958

Ion Ratio Lower Upper

43 100

58 24.9 26.0 39.0#



#18

Methyl Acetate

Concen: 0.323 ug/l

RT: 4.793 min Scan# 494

Delta R.T. 0.012 min

Lab File: VN073853.D

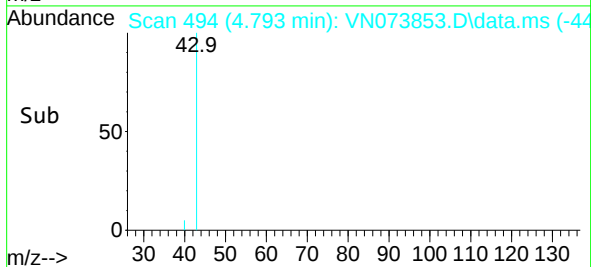
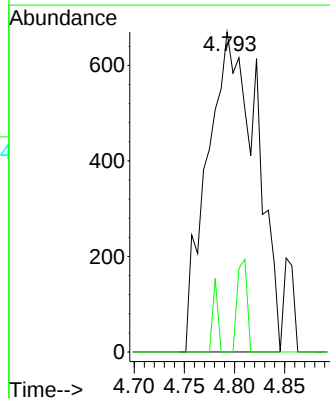
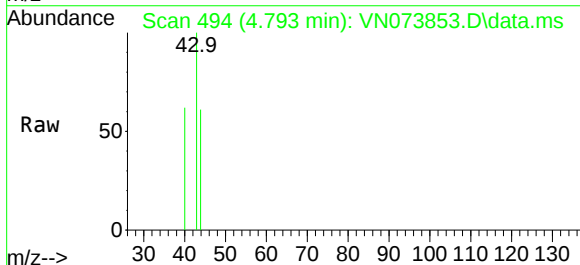
Acq: 12 Aug 2022 15:48

Tgt Ion: 43 Resp: 2291

Ion Ratio Lower Upper

43 100

74 2.4 21.6 32.4#

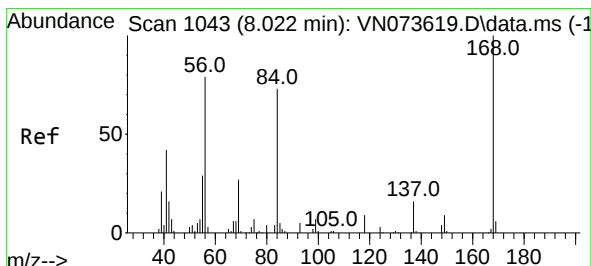
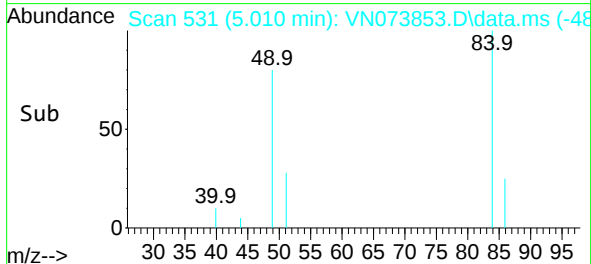
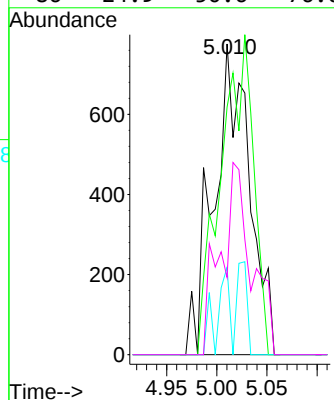
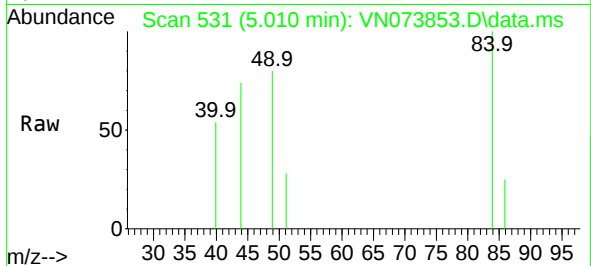




#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

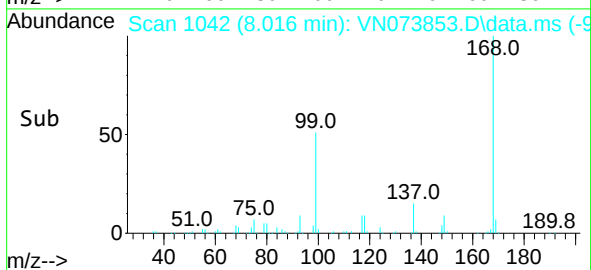
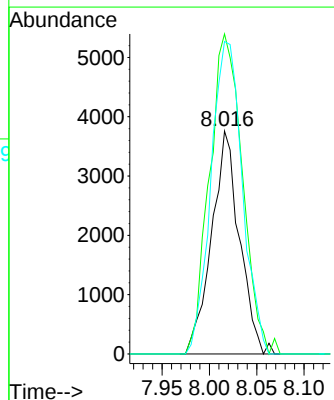
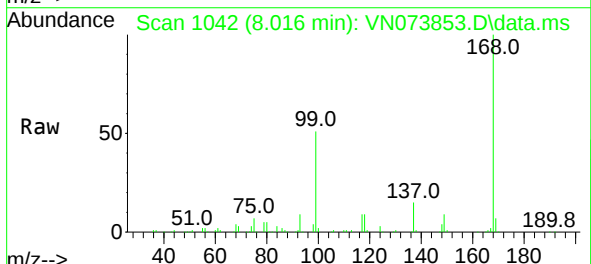
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220811

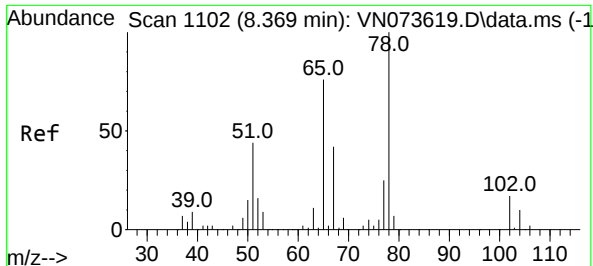
Tgt Ion:	84	Resp:	1928
Ion	Ratio	Lower	Upper
84	100		
49	79.6	88.3	132.5#
51	28.1	28.2	42.2#
86	24.9	50.6	76.0#



#31
Cyclohexane
Concen: 0.973 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

Tgt Ion:	56	Resp:	7693
Ion	Ratio	Lower	Upper
56	100		
69	143.6	27.8	41.8#
84	140.2	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.157 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073853.D

Acq: 12 Aug 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

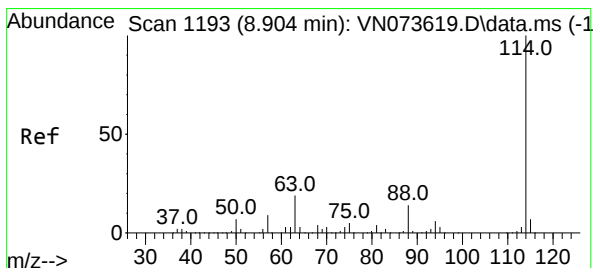
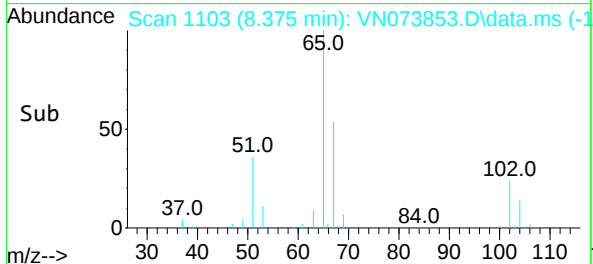
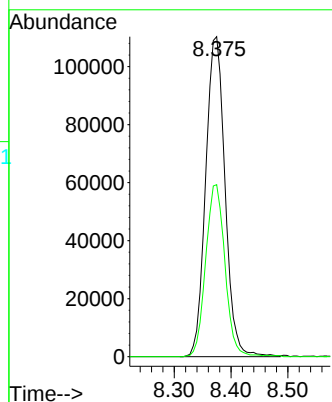
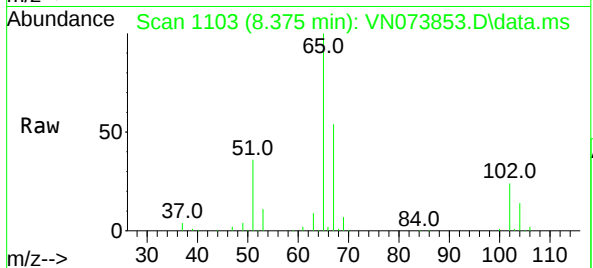
TT-TB-20220811

Tgt Ion: 65 Resp: 260936

Ion Ratio Lower Upper

65 100

67 53.4 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: VN073853.D

Acq: 12 Aug 2022 15:48

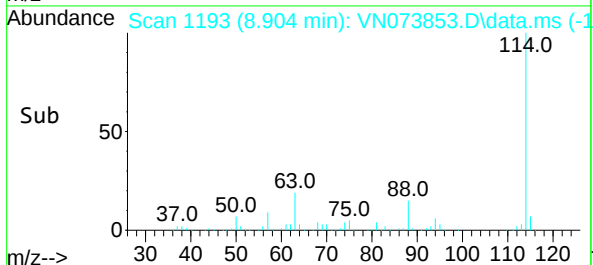
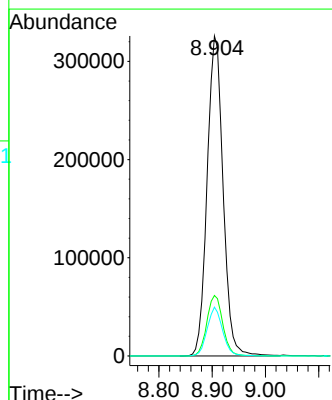
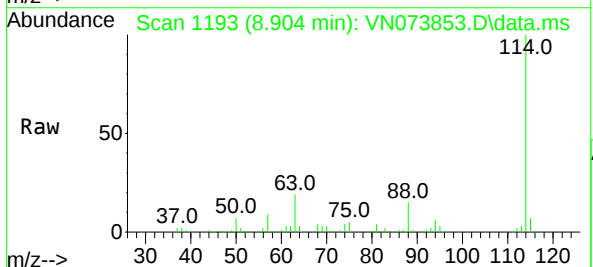
Tgt Ion: 114 Resp: 677390

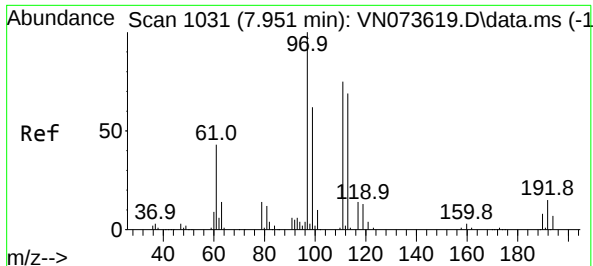
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.3 0.0 32.6

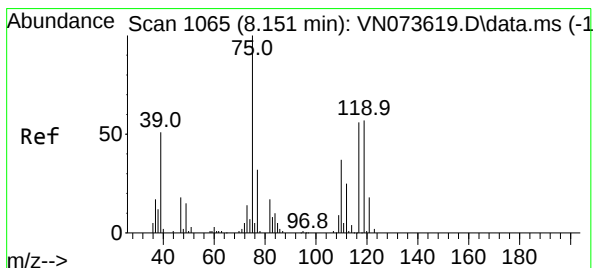
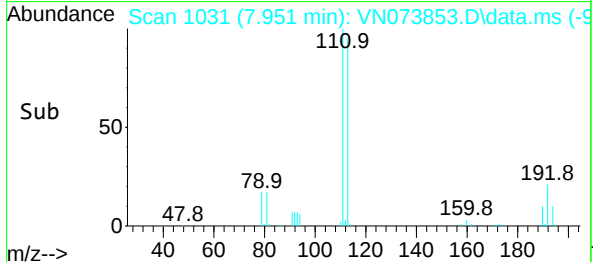
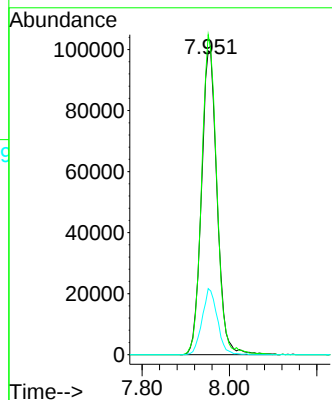
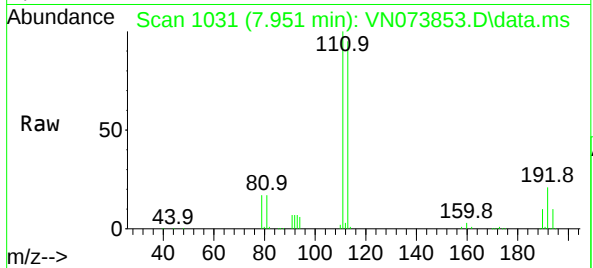




#35
Dibromofluoromethane
Concen: 58.489 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

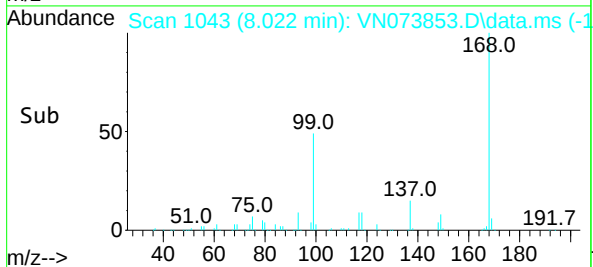
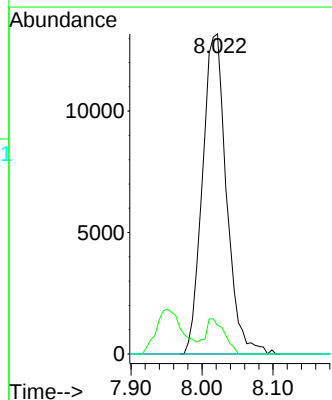
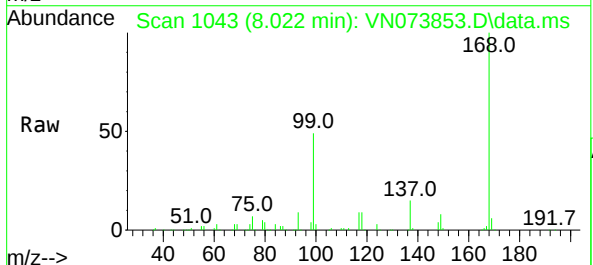
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TT-TB-20220811

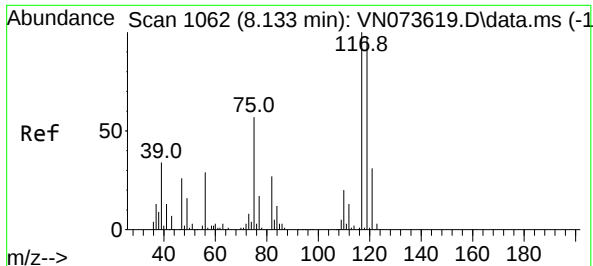
Tgt Ion:113 Resp: 248789
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 21.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.126 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

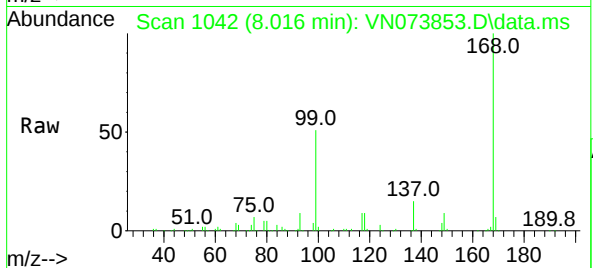
Tgt Ion: 75 Resp: 31075
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#



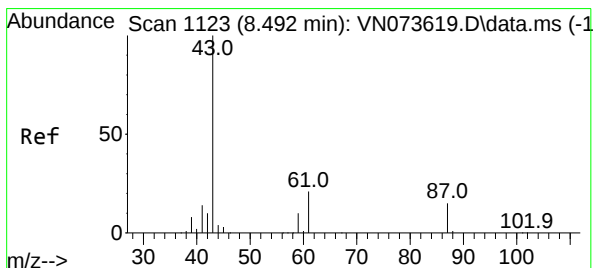
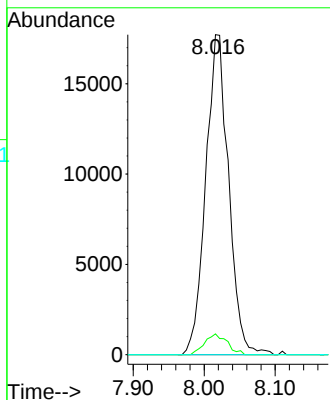
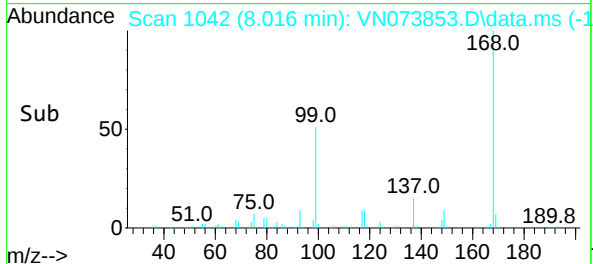


#38
Carbon Tetrachloride
Concen: 6.436 ug/l
RT: 8.016 min Scan# 1167
Delta R.T. -0.118 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

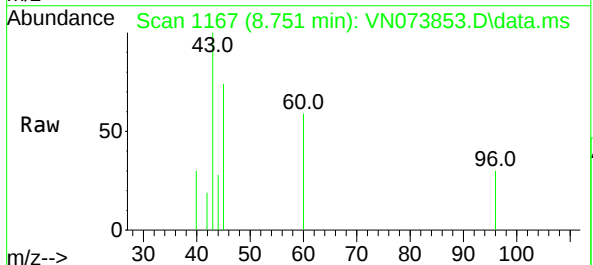
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220811



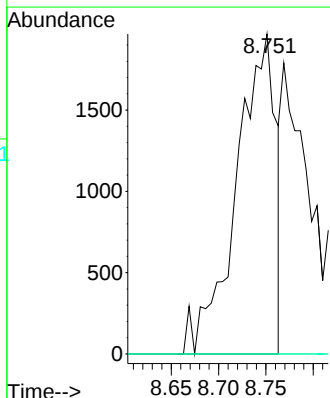
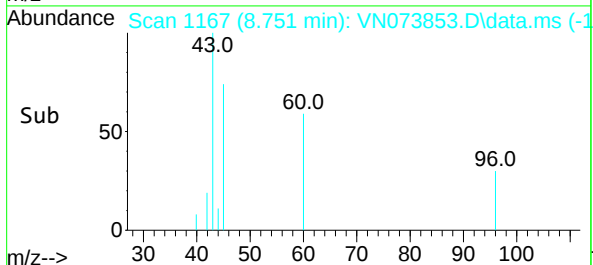
Tgt Ion: 117 Resp: 39627
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.8#
121 0.0 24.6 37.0#

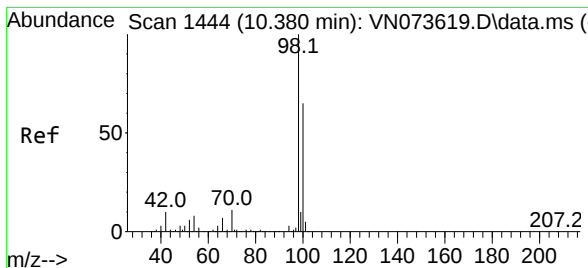


#43
Isopropyl Acetate
Concen: 0.528 ug/l
RT: 8.751 min Scan# 1167
Delta R.T. 0.259 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48



Tgt Ion: 43 Resp: 5689
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

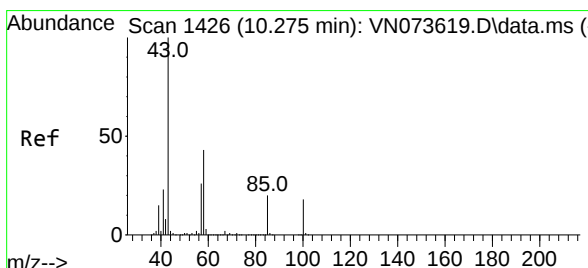
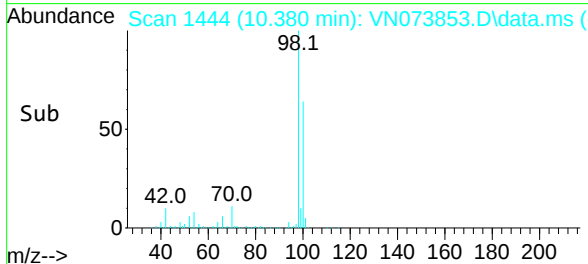
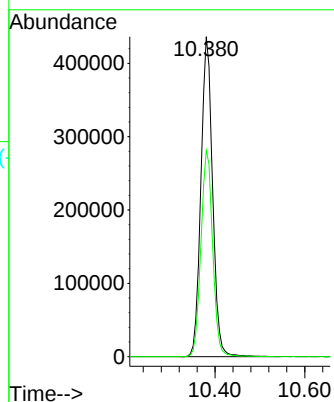
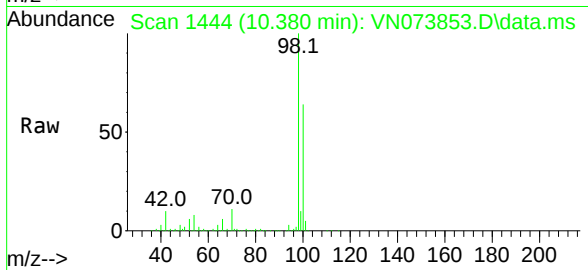




#50
Toluene-d8
Concen: 46.975 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

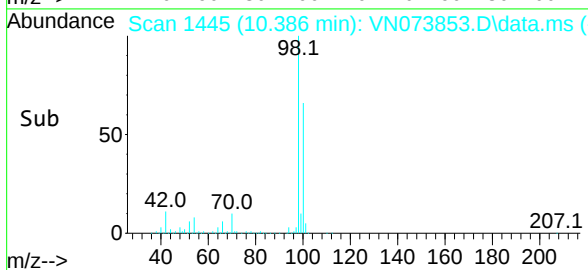
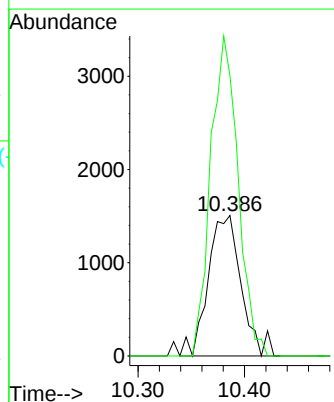
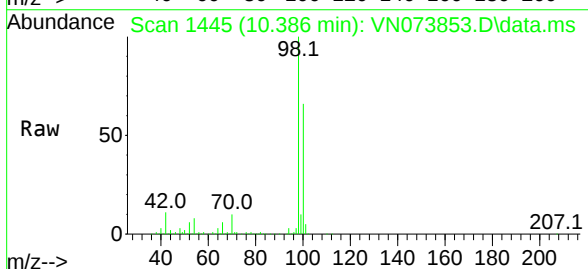
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220811

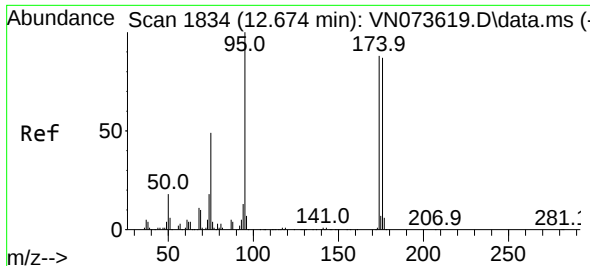
Tgt Ion: 98 Resp: 786286
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.419 ug/l
RT: 10.386 min Scan# 1445
Delta R.T. 0.111 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

Tgt Ion: 43 Resp: 3243
Ion Ratio Lower Upper
43 100
58 189.6 34.1 51.1#

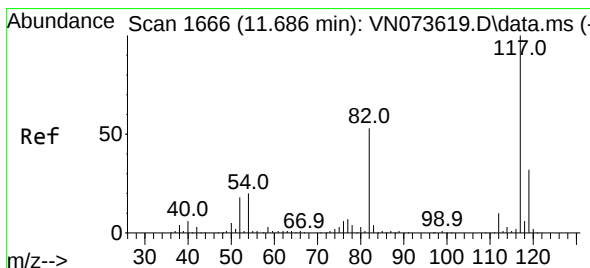
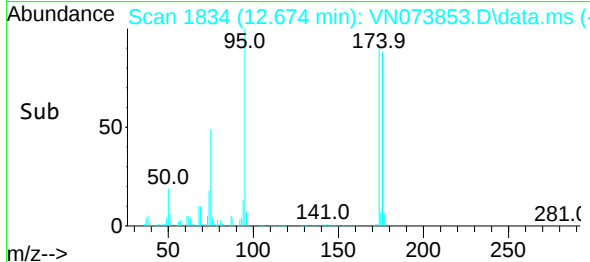
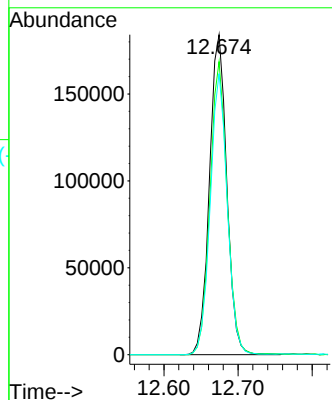
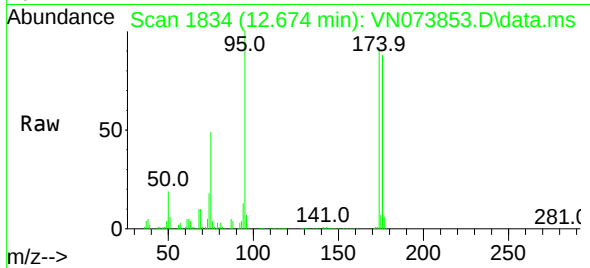




#62
4-Bromofluorobenzene
Concen: 50.847 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

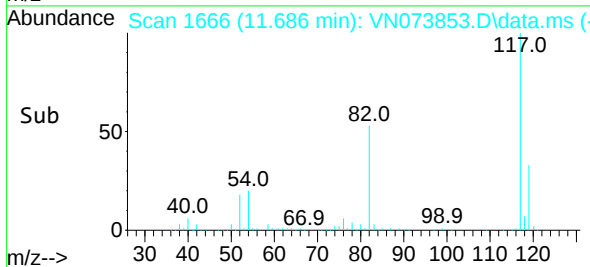
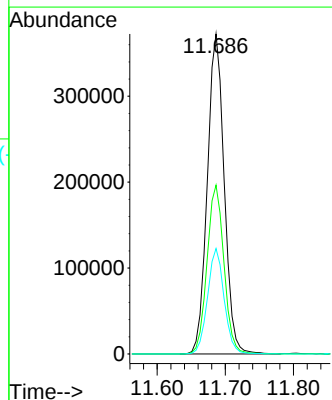
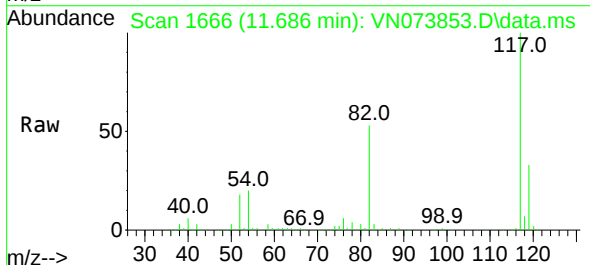
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220811

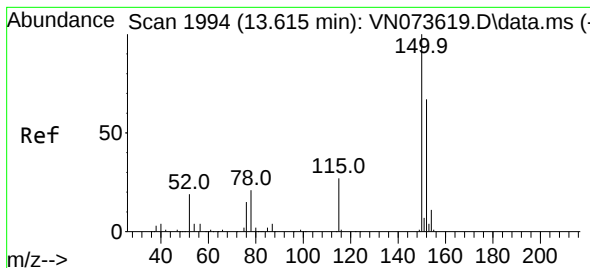
Tgt Ion: 95 Resp: 299068
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 86.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

Tgt Ion: 117 Resp: 642791
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.2
119 33.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073853.D

Acq: 12 Aug 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20220811

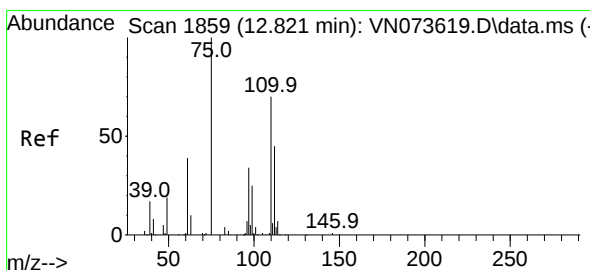
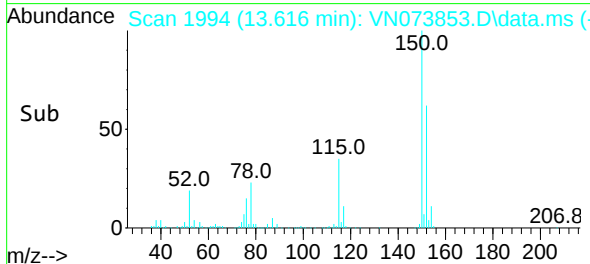
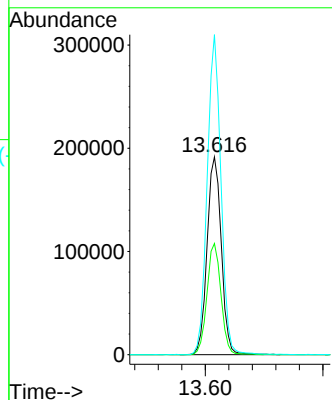
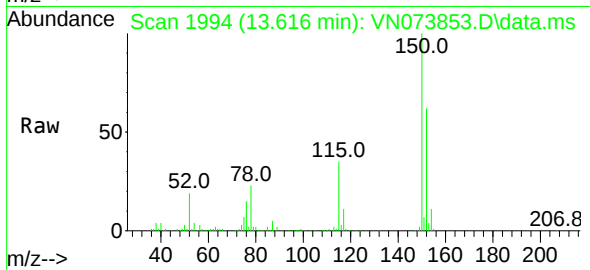
Tgt Ion:152 Resp: 322483

Ion Ratio Lower Upper

152 100

115 55.3 28.9 86.7

150 156.1 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 23.672 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.147 min

Lab File: VN073853.D

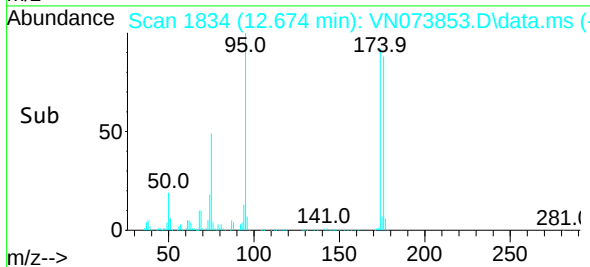
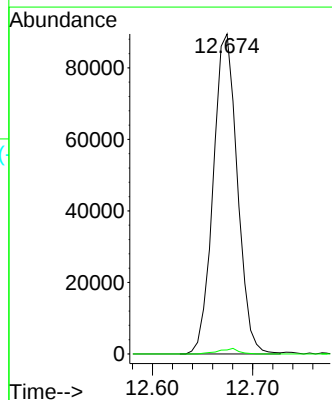
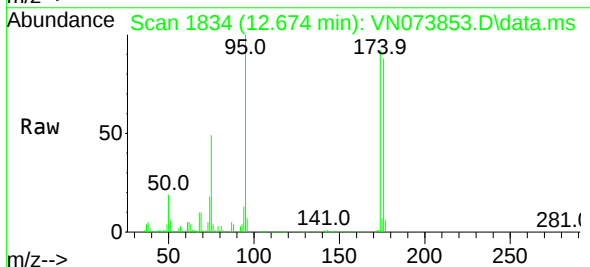
Acq: 12 Aug 2022 15:48

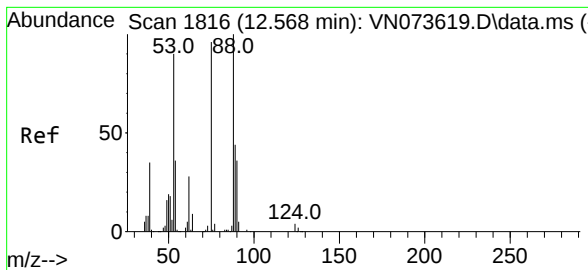
Tgt Ion: 75 Resp: 149876

Ion Ratio Lower Upper

75 100

77 1.4 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.229 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073853.D
 Acq: 12 Aug 2022 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20220811

Tgt Ion: 75 Resp: 149876
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

