

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074096.D
 Acq On : 24 Aug 2022 17:04
 Operator : JC\MD
 Sample : N4222-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20220815

Quant Time: Aug 25 07:55:21 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)

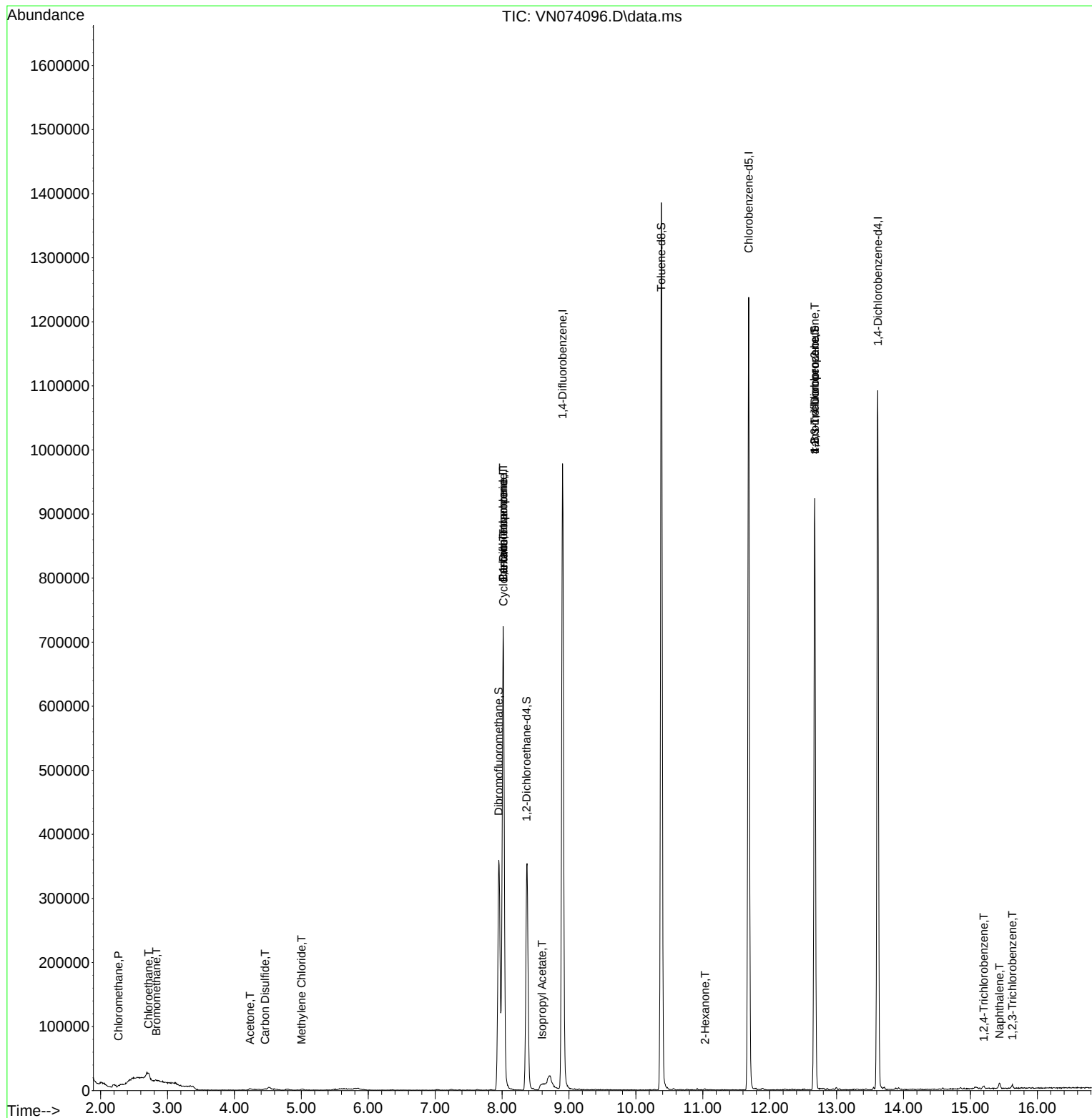
Internal Standards						
1) Pentafluorobenzene	8.016	168	600216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	898750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	741003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	321660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	299723	51.269	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.540%	
35) Dibromofluoromethane	7.951	113	267821	50.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.780%	
50) Toluene-d8	10.380	98	988350	48.013	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.020%	
62) 4-Bromofluorobenzene	12.674	95	310687	45.477	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1412	0.267	ug/l	98
5) Bromomethane	2.834	94	1509	0.356	ug/l	92
6) Chloroethane	2.716	64	5623	1.172	ug/l #	50
16) Acetone	4.234	43	4557	1.652	ug/l	93
17) Carbon Disulfide	4.457	76	2620	0.233	ug/l #	75
18) Methyl Acetate	4.798	43	4022	Below Cal	#	79
20) Methylene Chloride	5.004	84	1660	0.285	ug/l #	68
31) Cyclohexane	8.022	56	9398	1.153	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	38988	5.281	ug/l #	49
38) Carbon Tetrachloride	8.016	117	53861	6.383	ug/l #	16
43) Isopropyl Acetate	8.598	43	8447	0.663	ug/l #	53
59) 2-Hexanone	11.033	43	1920	0.290	ug/l	64
76) 1,2,3-Trichloropropane	12.674	75	149844	22.413	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	149844	63.746	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.198	180	1983	0.287	ug/l	96
95) Naphthalene	15.433	128	8569	0.380	ug/l	96
96) 1,2,3-Trichlorobenzene	15.627	180	2275	0.319	ug/l	93

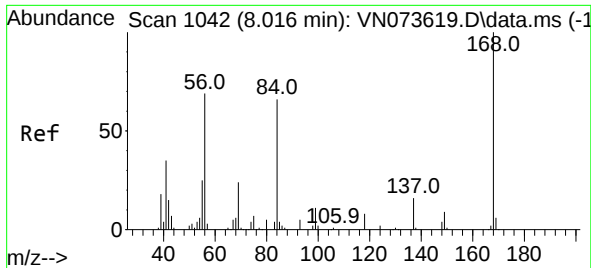
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
Data File : VN074096.D
Acq On : 24 Aug 2022 17:04
Operator : JC\MD
Sample : N4222-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220815

Quant Time: Aug 25 07:55:21 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

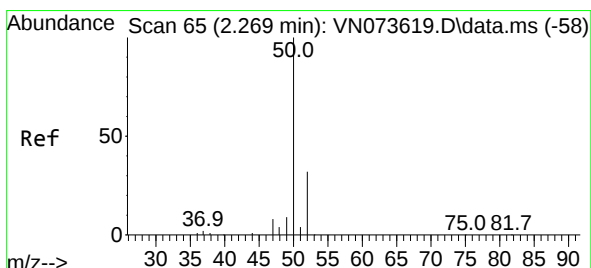
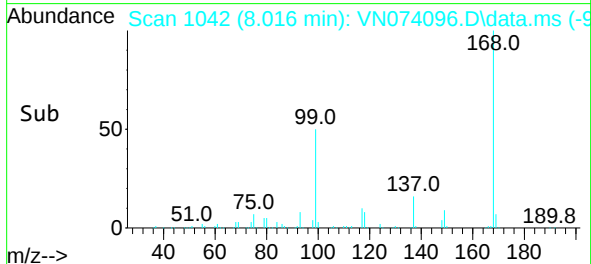
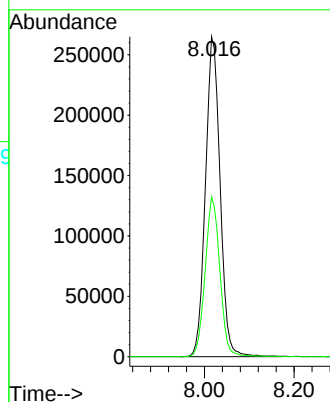
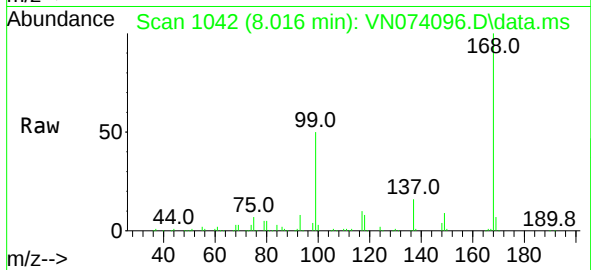




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

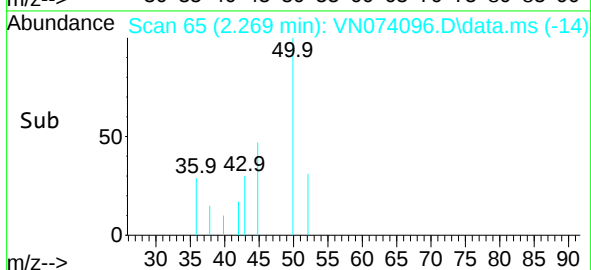
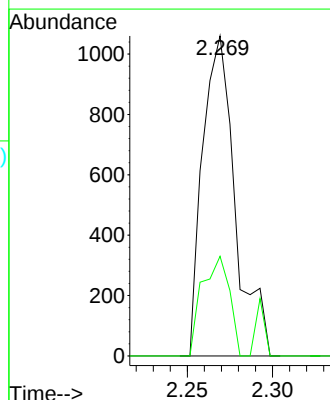
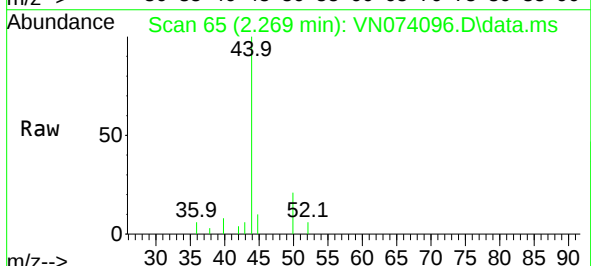
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220815

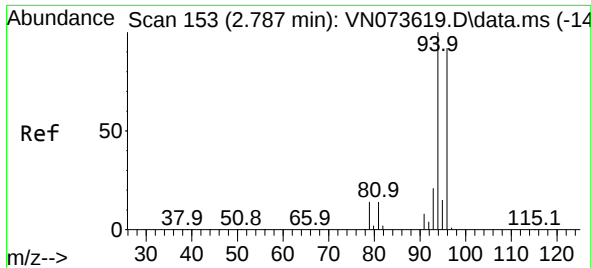
Tgt Ion:168 Resp: 600216
Ion Ratio Lower Upper
168 100
99 49.9 42.3 63.5



#3
Chloromethane
Concen: 0.267 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

Tgt Ion: 50 Resp: 1412
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5

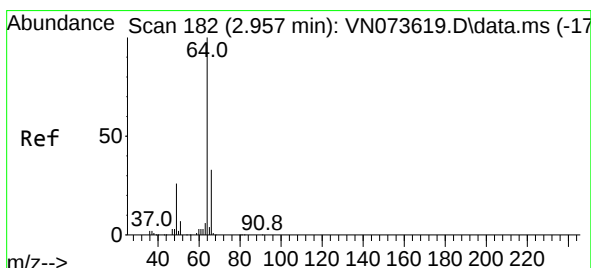
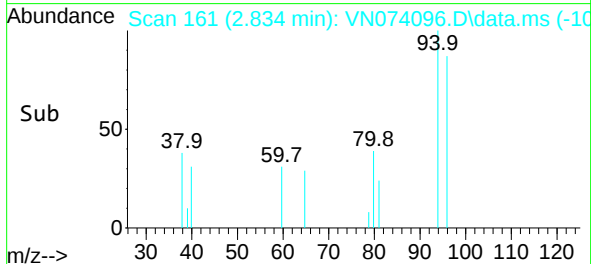
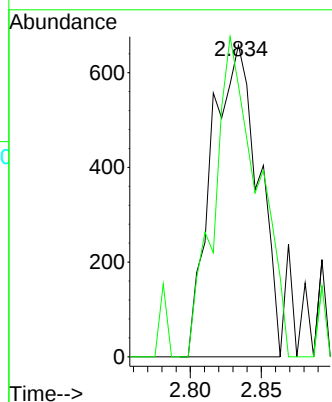
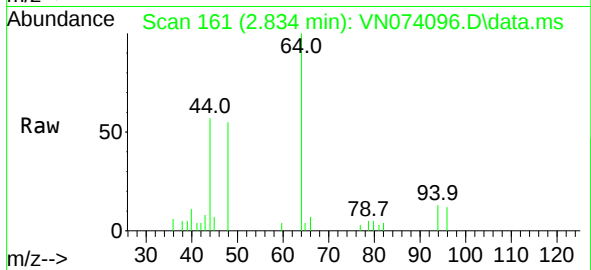




#5
Bromomethane
Concen: 0.356 ug/l
RT: 2.834 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

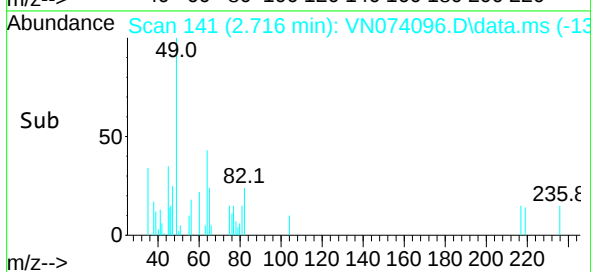
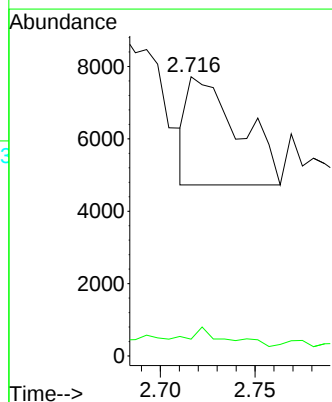
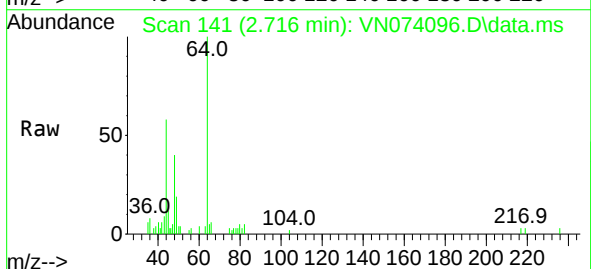
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220815

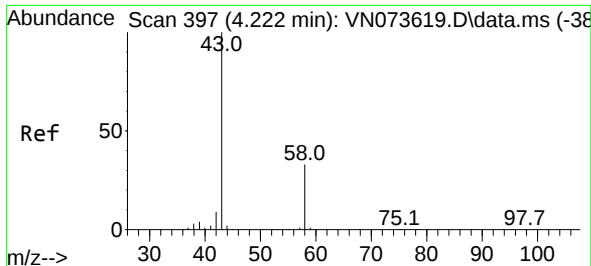
Tgt Ion: 94 Resp: 1509
Ion Ratio Lower Upper
94 100
96 87.1 76.0 114.0



#6
Chloroethane
Concen: 1.172 ug/l
RT: 2.716 min Scan# 141
Delta R.T. -0.241 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

Tgt Ion: 64 Resp: 5623
Ion Ratio Lower Upper
64 100
66 4.7 26.2 39.4#





#16

Acetone

Concen: 1.652 ug/l

RT: 4.234 min Scan# 397

Delta R.T. 0.012 min

Lab File: VN074096.D

Acq: 24 Aug 2022 17:04

Instrument :

MSVOA_N

ClientSampleId :

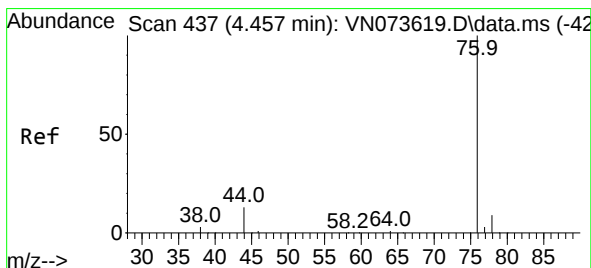
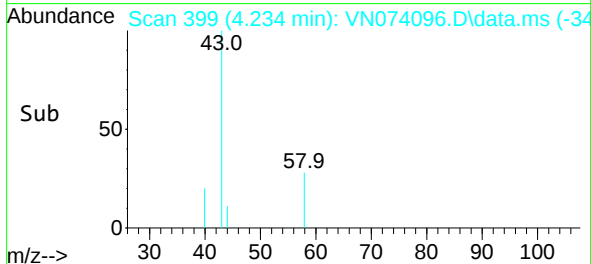
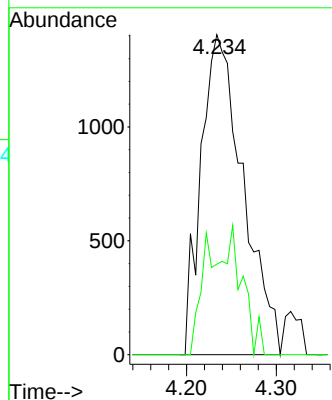
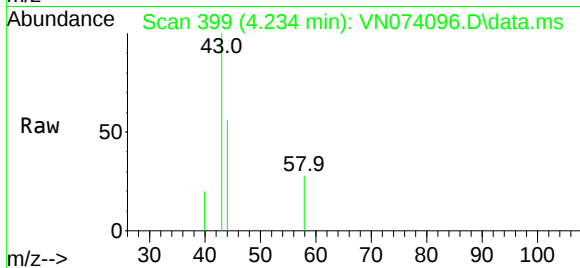
TT-TB-20220815

Tgt Ion: 43 Resp: 4557

Ion Ratio Lower Upper

43 100

58 28.3 26.0 39.0



#17

Carbon Disulfide

Concen: 0.233 ug/l

RT: 4.457 min Scan# 437

Delta R.T. 0.000 min

Lab File: VN074096.D

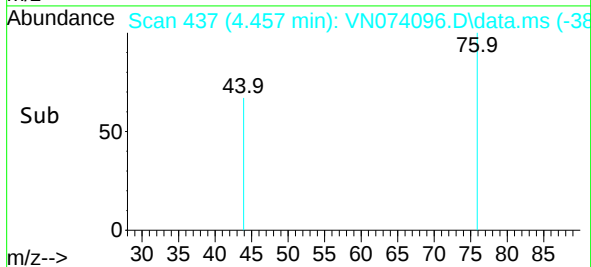
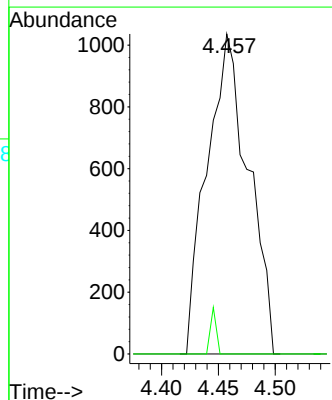
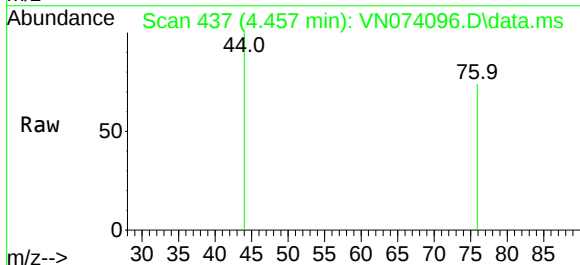
Acq: 24 Aug 2022 17:04

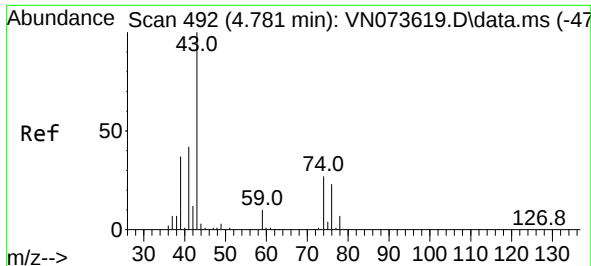
Tgt Ion: 76 Resp: 2620

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.798 min Scan# 49

Delta R.T. 0.017 min

Lab File: VN074096.D

Acq: 24 Aug 2022 17:04

Instrument :

MSVOA_N

ClientSampleId :

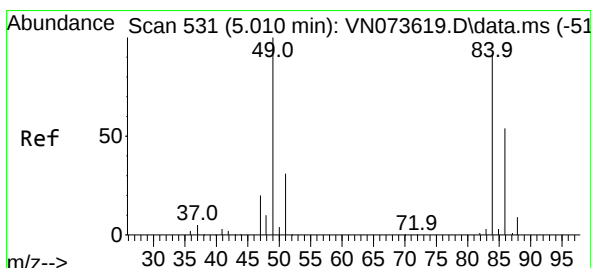
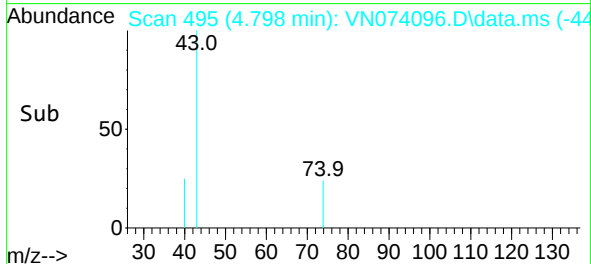
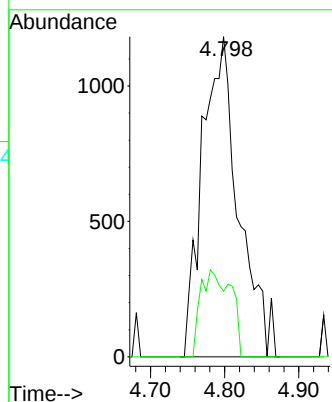
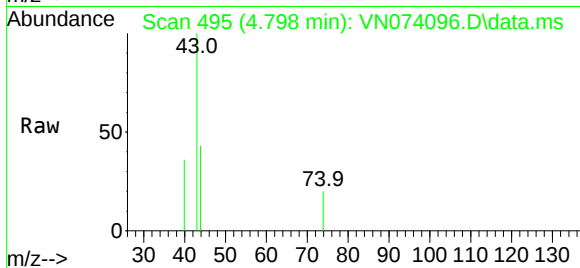
TT-TB-20220815

Tgt Ion: 43 Resp: 4022

Ion Ratio Lower Upper

43 100

74 16.0 21.6 32.4#



#20

Methylene Chloride

Concen: 0.285 ug/l

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN074096.D

Acq: 24 Aug 2022 17:04

Tgt Ion: 84 Resp: 1660

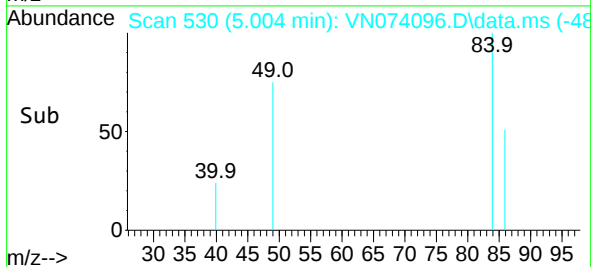
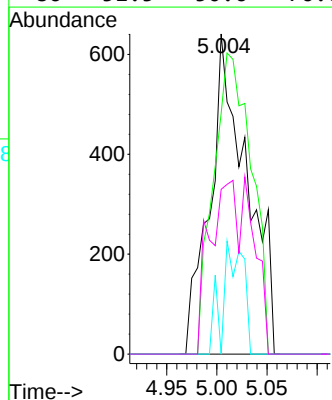
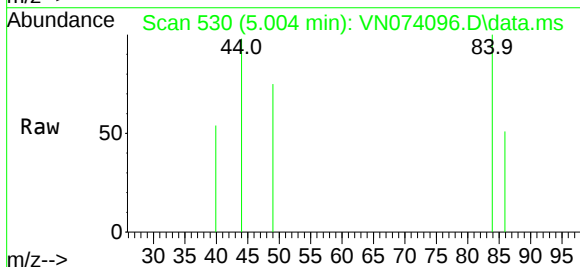
Ion Ratio Lower Upper

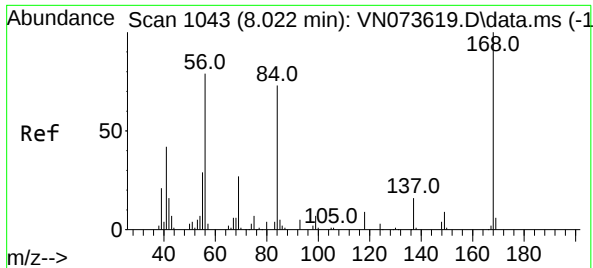
84 100

49 75.2 88.3 132.5#

51 0.0 28.2 42.2#

86 51.5 50.6 76.0

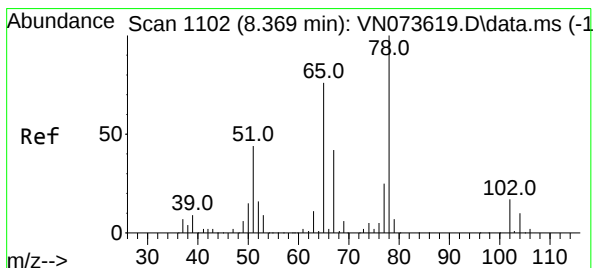
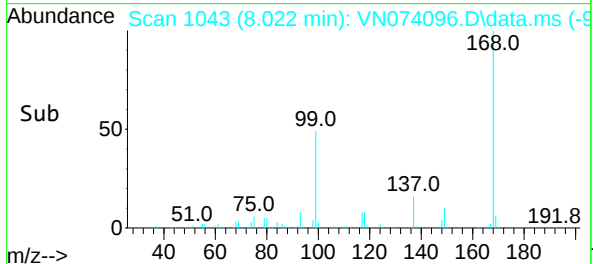
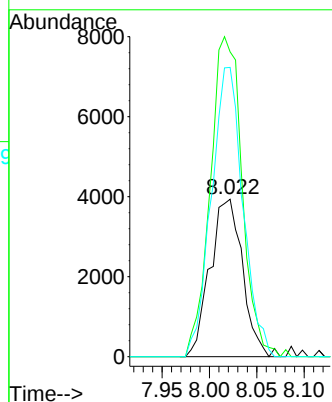
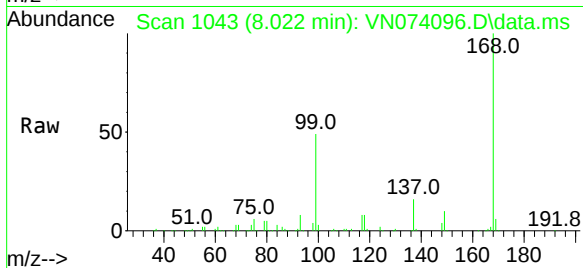




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

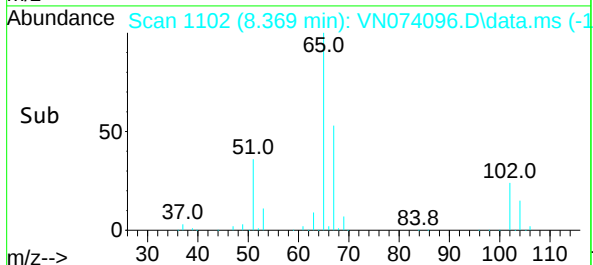
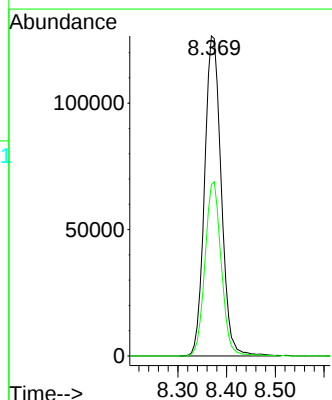
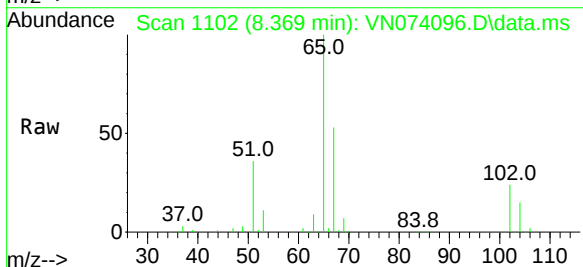
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220815

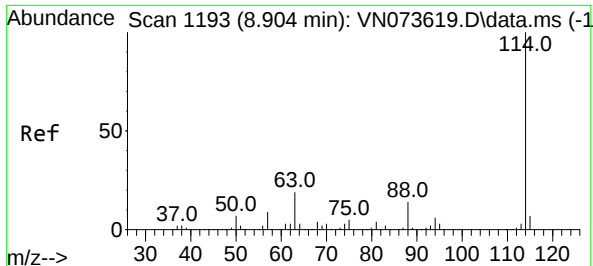
Tgt Ion: 56 Resp: 9398
Ion Ratio Lower Upper
56 100
69 193.7 27.8 41.8#
84 183.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 51.269 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

Tgt Ion: 65 Resp: 299723
Ion Ratio Lower Upper
65 100
67 53.1 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: VN074096.D

Acq: 24 Aug 2022 17:04

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20220815

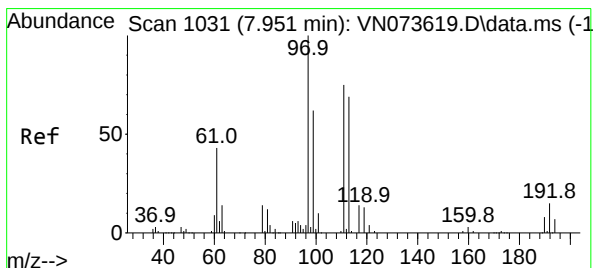
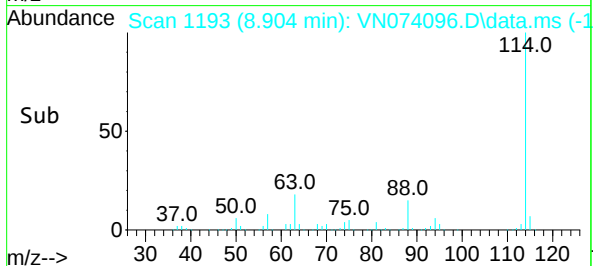
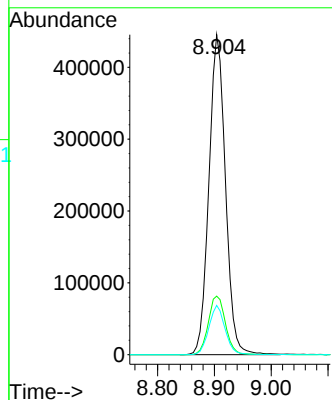
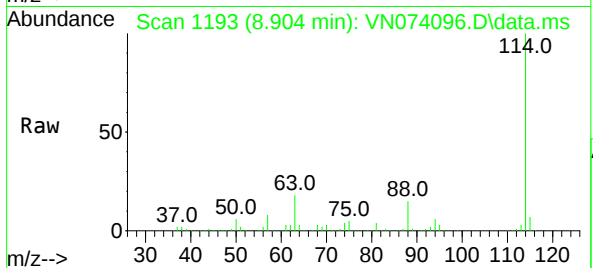
Tgt Ion:114 Resp: 898750

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.389 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074096.D

Acq: 24 Aug 2022 17:04

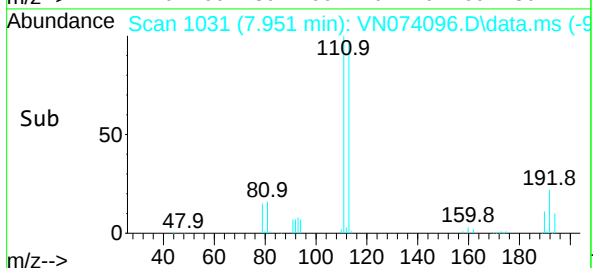
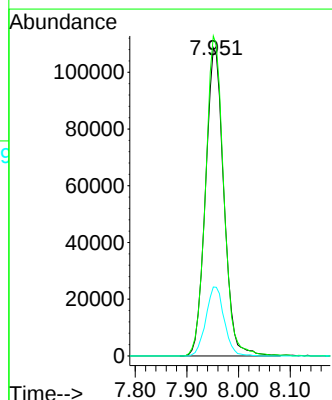
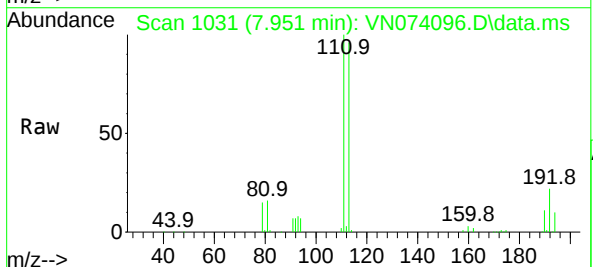
Tgt Ion:113 Resp: 267821

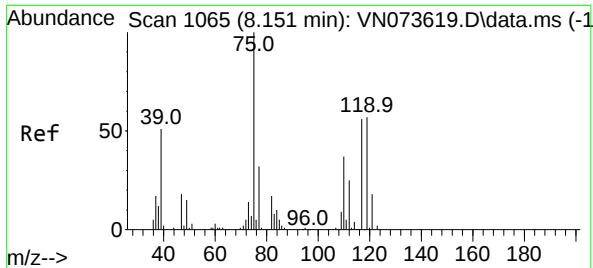
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 22.4 17.0 25.6

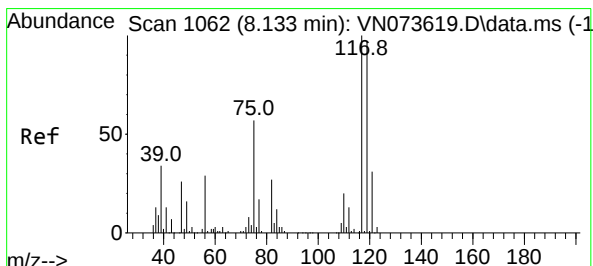
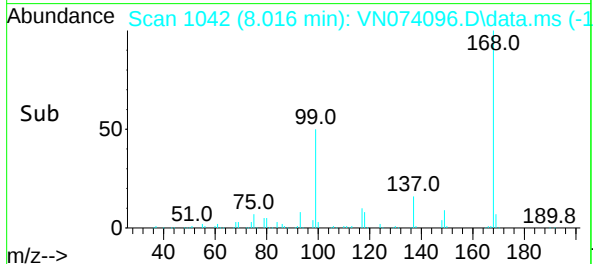
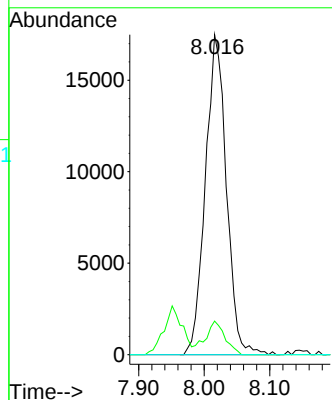
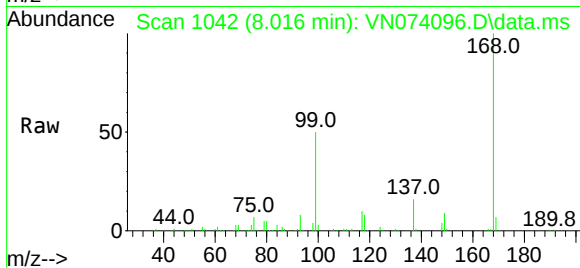




#36
1,1-Dichloropropene
Concen: 5.281 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

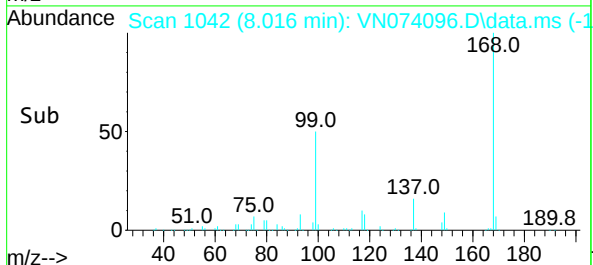
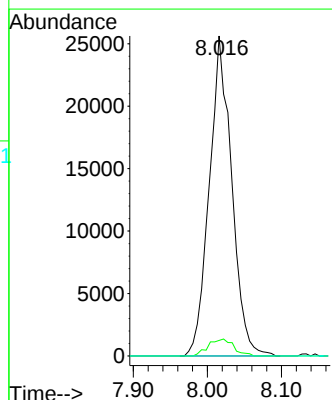
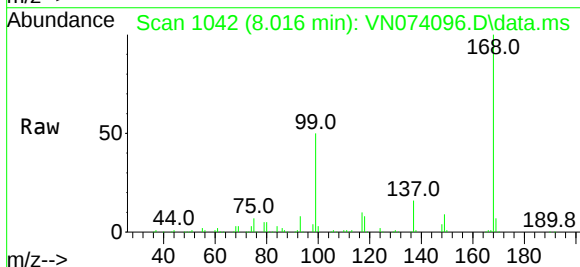
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220815

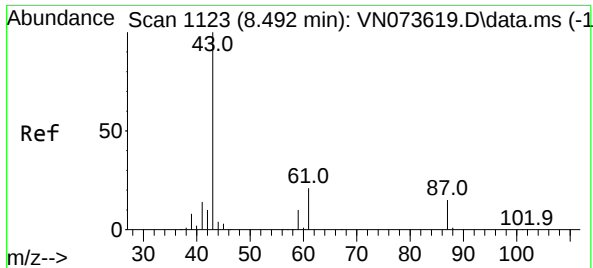
Tgt Ion: 75 Resp: 38988
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.383 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

Tgt Ion: 117 Resp: 53861
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#

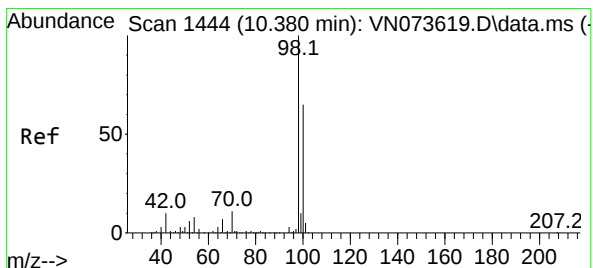
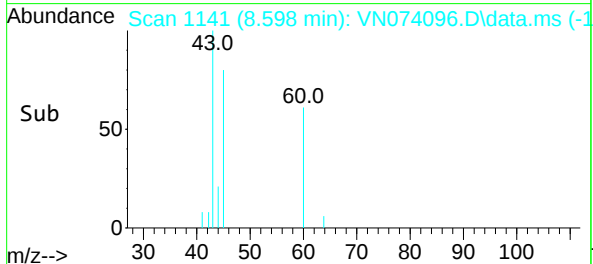
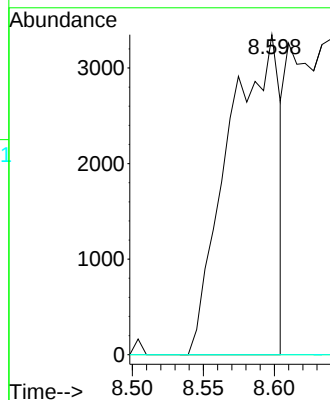
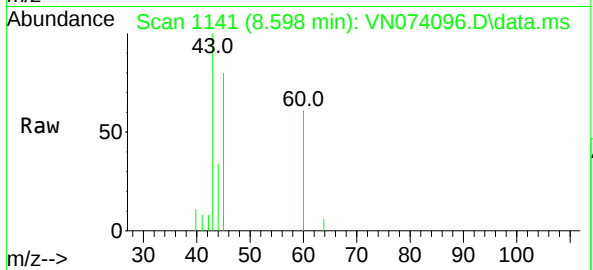




#43
Isopropyl Acetate
Concen: 0.663 ug/l
RT: 8.598 min Scan# 1123
Delta R.T. 0.106 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

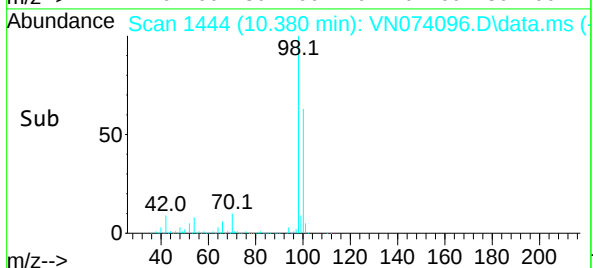
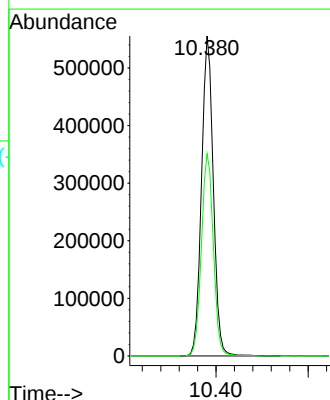
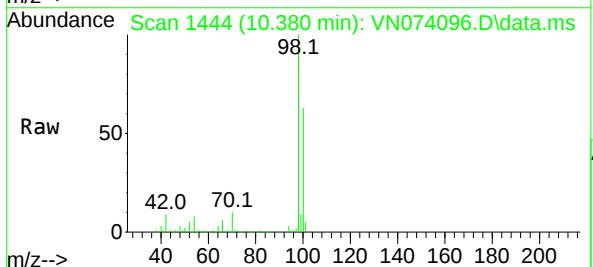
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220815

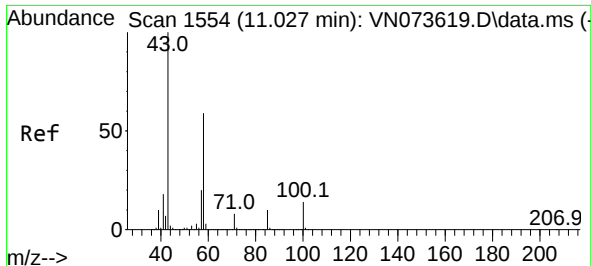
Tgt Ion: 43 Resp: 8447
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 48.013 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

Tgt Ion: 98 Resp: 988350
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

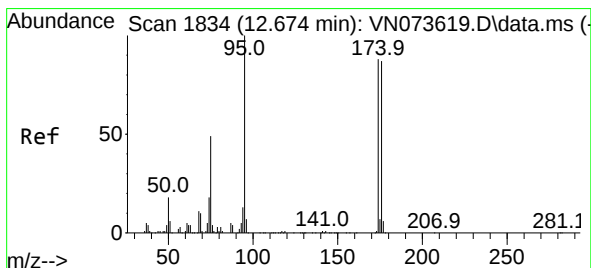
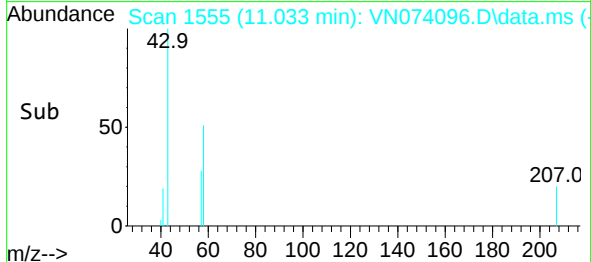
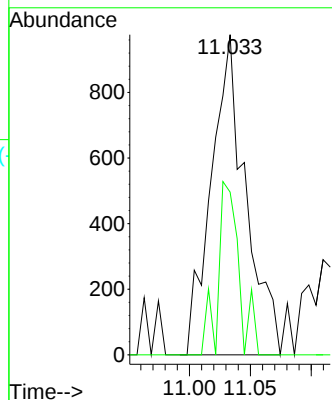
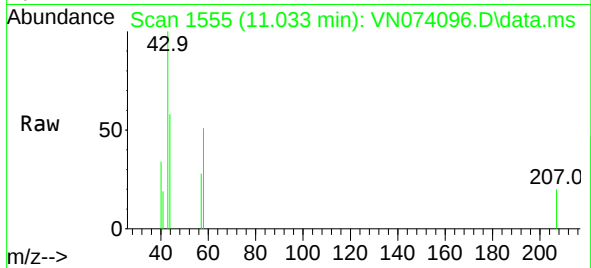




#59
2-Hexanone
Concen: 0.290 ug/l
RT: 11.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

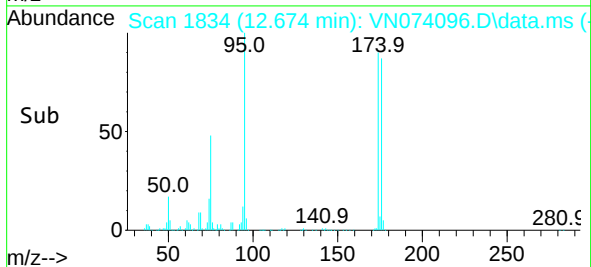
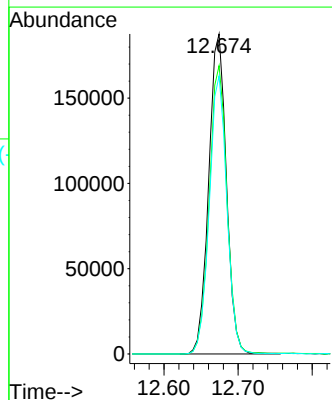
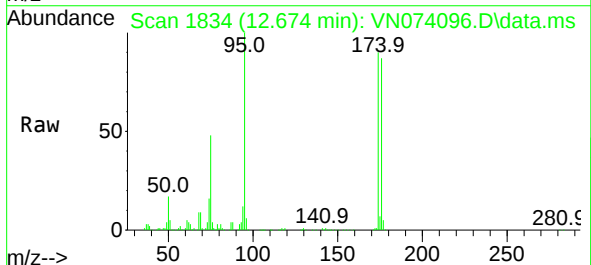
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220815

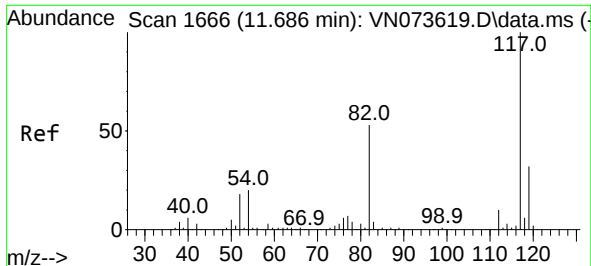
Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
58 32.7 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 45.477 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

Tgt Ion: 95 Resp: 310687
Ion Ratio Lower Upper
95 100
174 90.5 0.0 167.6
176 86.2 0.0 163.4

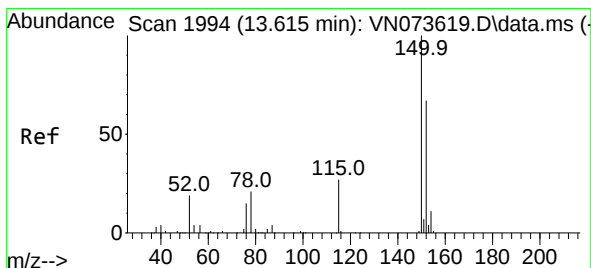
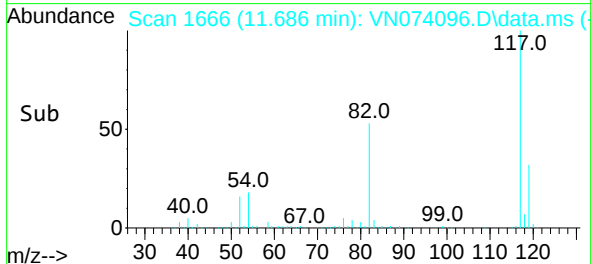
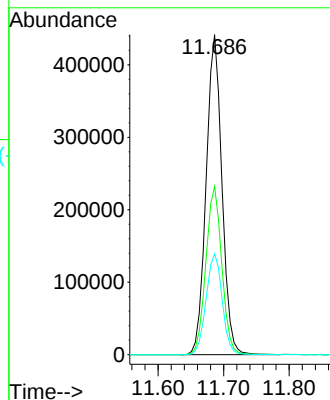
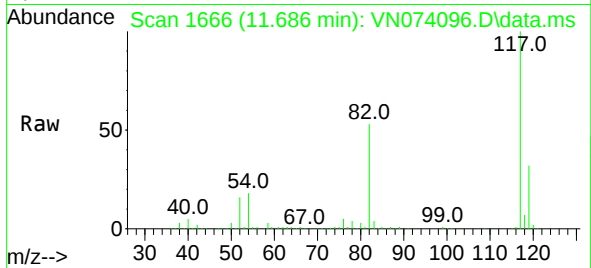




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

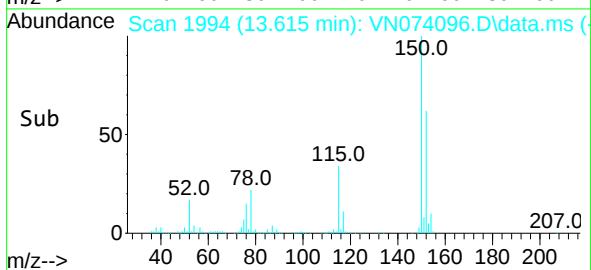
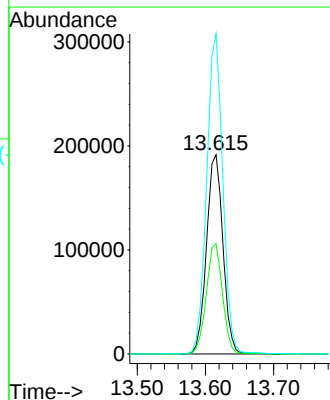
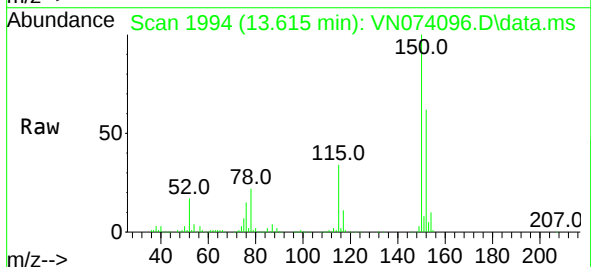
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220815

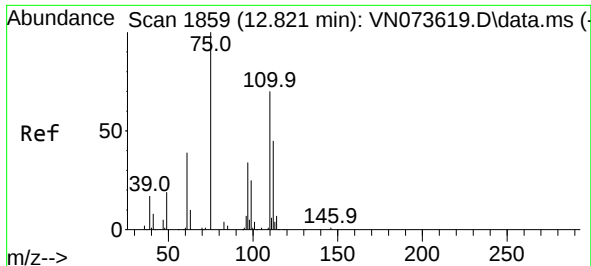
Tgt Ion:117 Resp: 741003
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

Tgt Ion:152 Resp: 321660
Ion Ratio Lower Upper
152 100
115 54.9 28.9 86.7
150 158.0 0.0 356.2

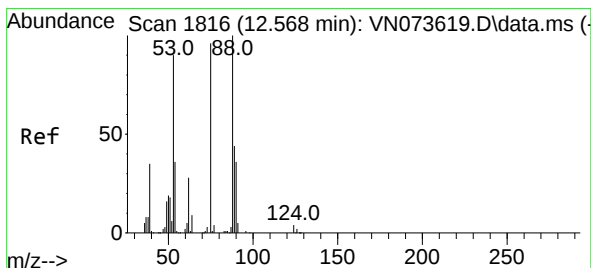
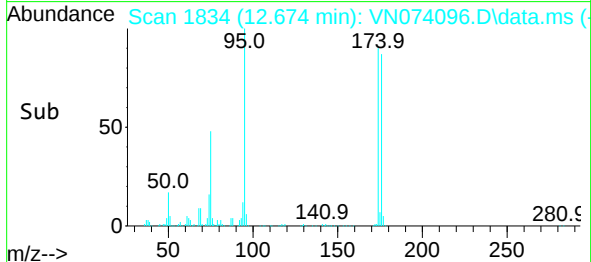
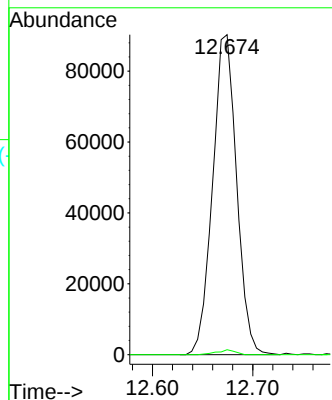
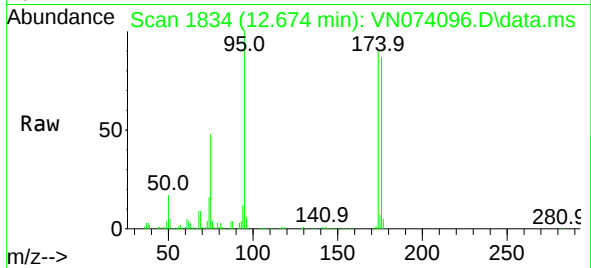




#76
1,2,3-Trichloropropane
Concen: 22.413 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

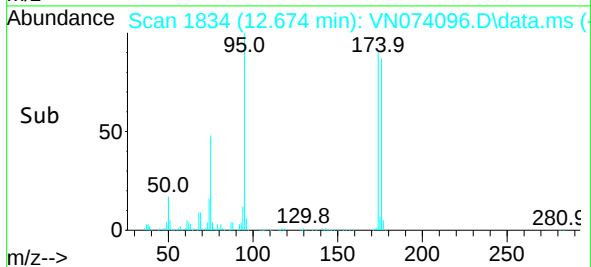
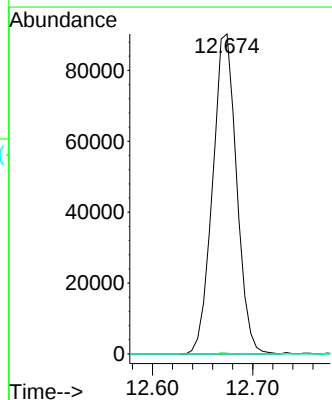
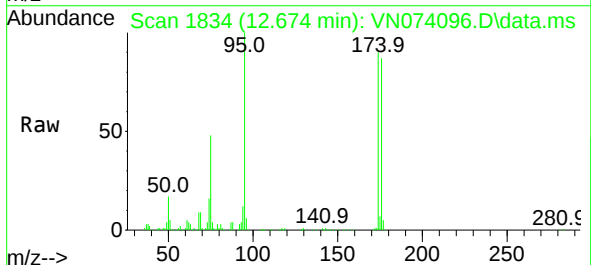
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220815

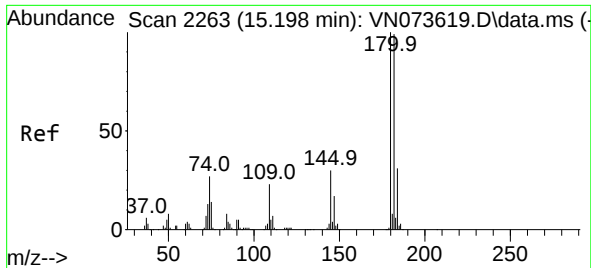
Tgt Ion: 75 Resp: 149844
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.746 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

Tgt Ion: 75 Resp: 149844
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

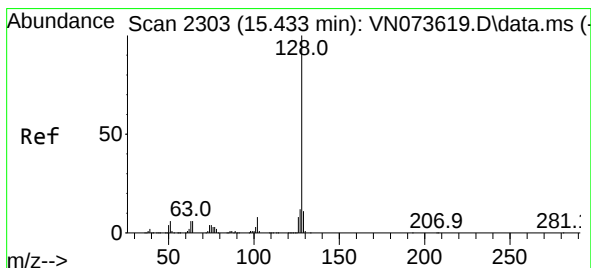
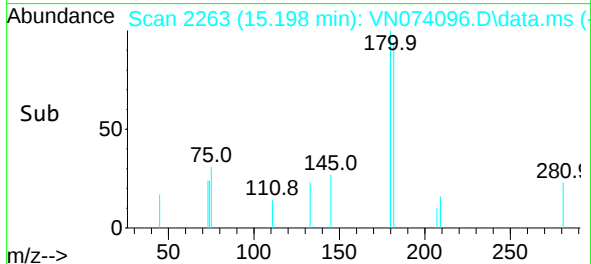
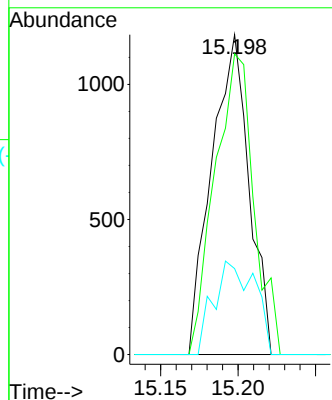
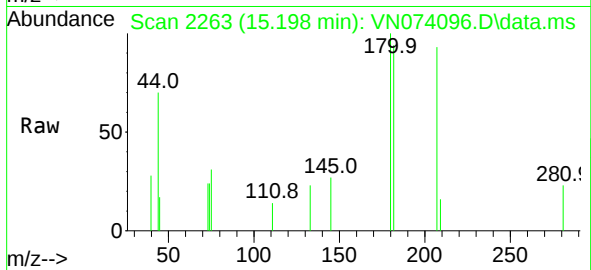




#93
1,2,4-Trichlorobenzene
Concen: 0.287 ug/l
RT: 15.198 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

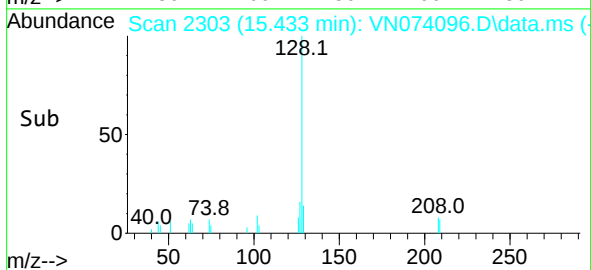
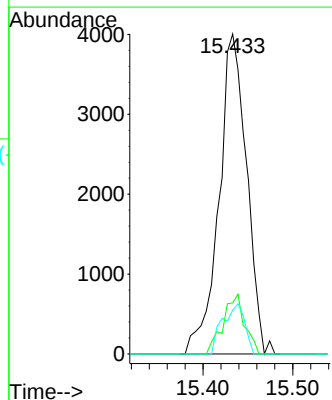
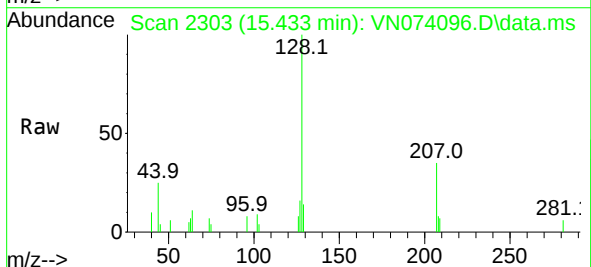
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220815

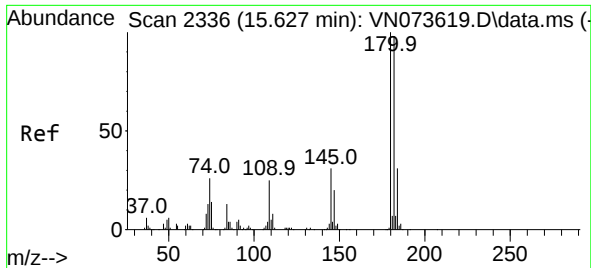
Tgt Ion:180 Resp: 1983
Ion Ratio Lower Upper
180 100
182 98.0 47.5 142.5
145 32.0 14.5 43.5



#95
Naphthalene
Concen: 0.380 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074096.D
Acq: 24 Aug 2022 17:04

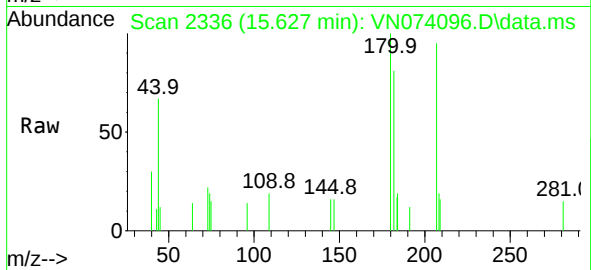
Tgt Ion:128 Resp: 8569
Ion Ratio Lower Upper
128 100
127 14.5 10.3 15.5
129 12.6 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.319 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074096.D
 Acq: 24 Aug 2022 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20220815



Tgt Ion:	180	Resp:	2275
Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.8	143.3
145	21.6	15.5	46.5

