

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076635.D
 Acq On : 13 Feb 2023 18:20
 Operator : JC\MD
 Sample : 01532-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-021023

Quant Time: Feb 14 05:25:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

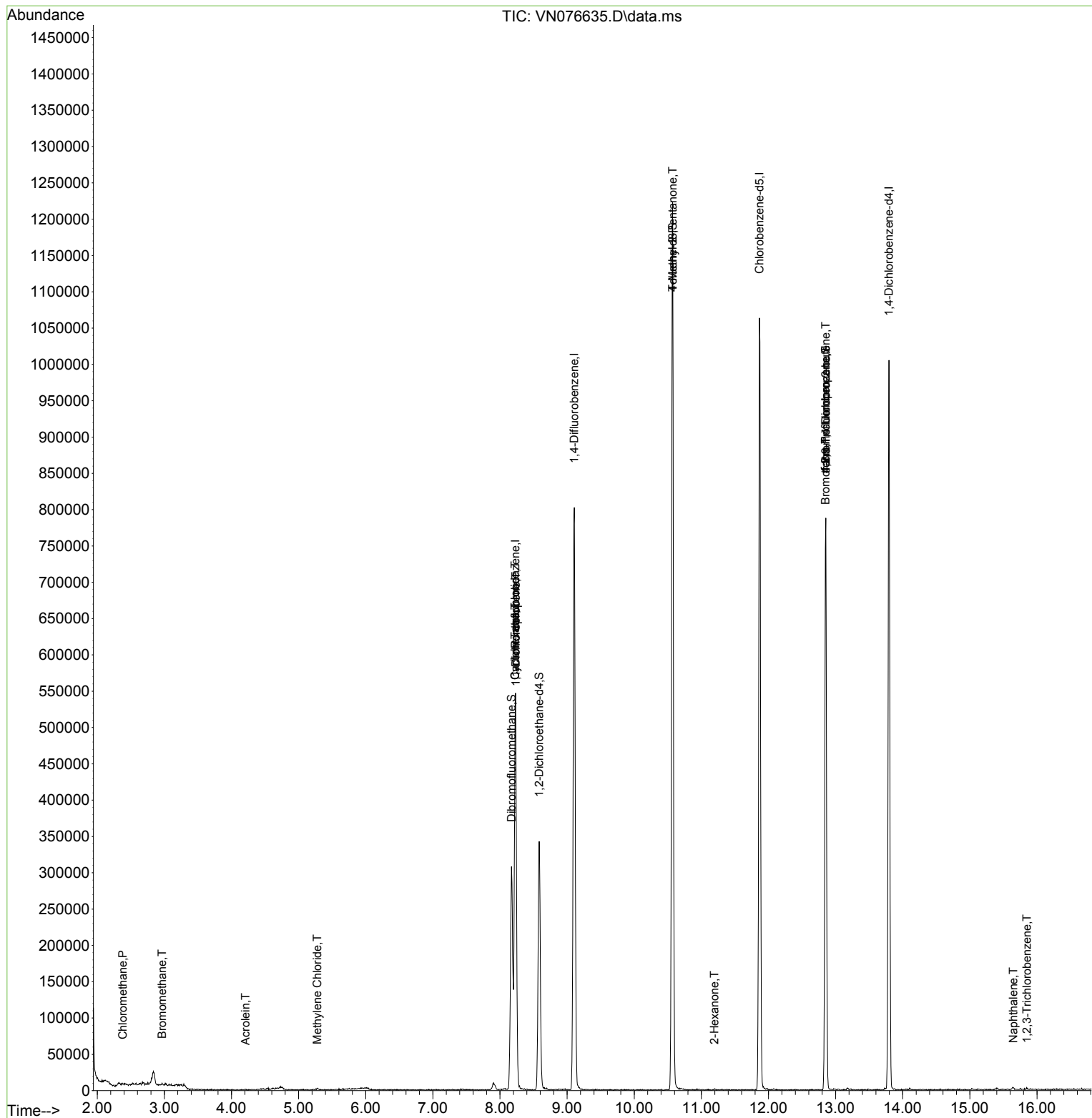
Internal Standards						
1) Pentafluorobenzene	8.231	168	383521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	695168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	611166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	251637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	267563	50.523	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.040%			
35) Dibromofluoromethane	8.172	113	211145	46.380	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.760%			
50) Toluene-d8	10.572	98	827762	48.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.380%			
62) 4-Bromofluorobenzene	12.854	95	260711	46.299	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.600%			
Target Compounds						Qvalue
3) Chloromethane	2.378	50	1286	0.242	ug/l #	36
5) Bromomethane	2.966	94	1518	0.479	ug/l #	62
13) Acrolein	4.207	56	536	0.511	ug/l #	46
20) Methylene Chloride	5.278	84	1081	0.218	ug/l #	77
31) Cyclohexane	8.225	56	10604	1.276	ug/l #	2
36) 1,1-Dichloropropene	8.236	75	34455	5.238	ug/l #	50
38) Carbon Tetrachloride	8.225	117	39734	5.988	ug/l #	17
51) 4-Methyl-2-Pentanone	10.572	43	4531	0.632	ug/l #	1
59) 2-Hexanone	11.195	43	1300	0.252	ug/l #	62
71) Bromoform	12.848	173	1360	0.394	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	141214	27.758	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	141214	80.846	ug/l #	4
95) Naphthalene	15.648	128	3113	0.231	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.848	180	989	0.229	ug/l	84

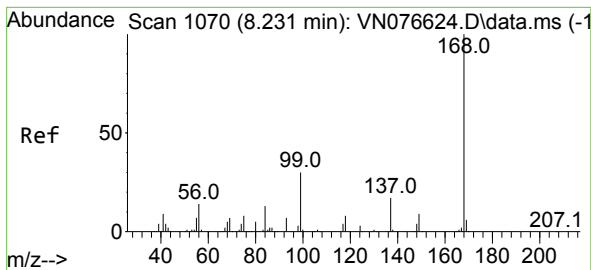
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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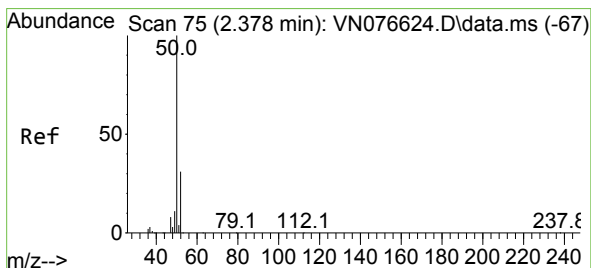
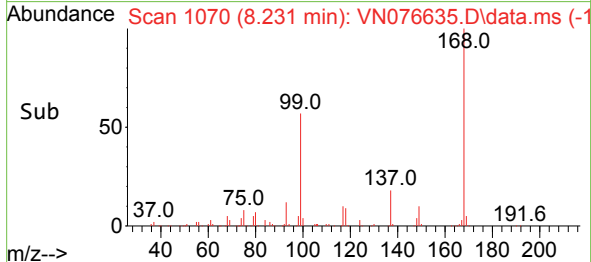
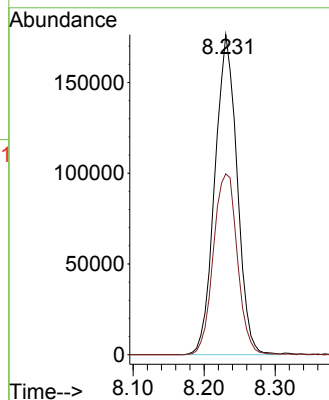
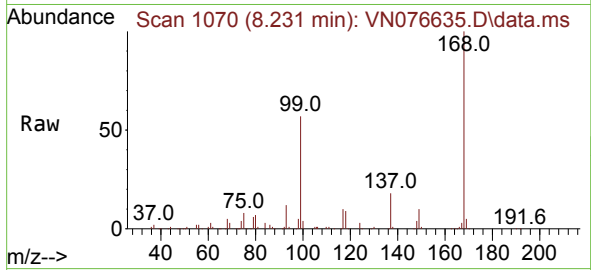




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

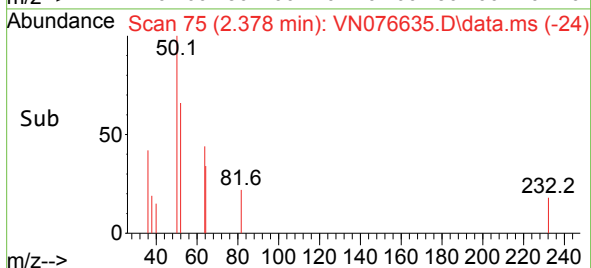
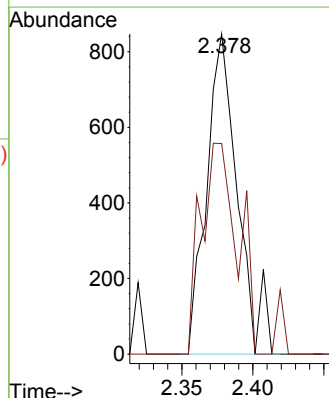
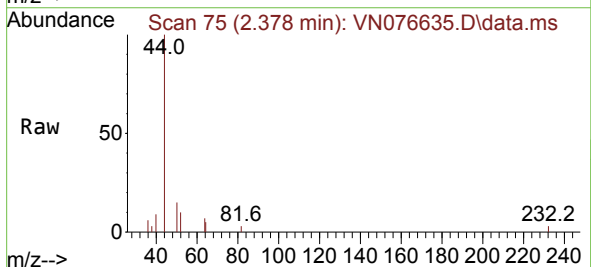
Instrument :
MSVOA_N
ClientSampleId :
TB-01-021023

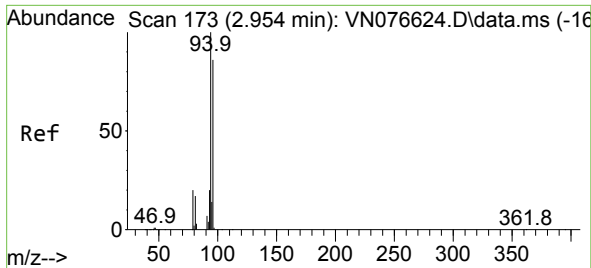
Tgt Ion:168 Resp: 383521
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#3
Chloromethane
Concen: 0.242 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

Tgt Ion: 50 Resp: 1286
Ion Ratio Lower Upper
50 100
52 65.8 24.7 37.1#

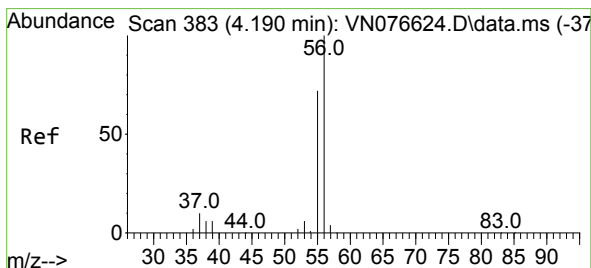
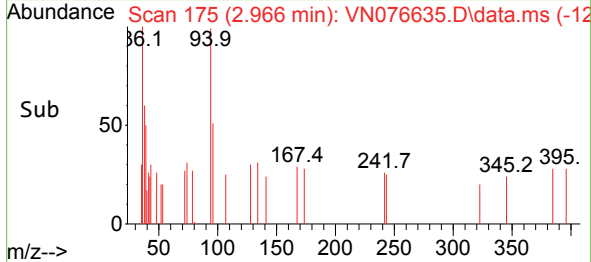
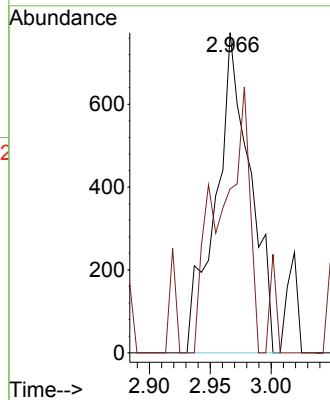
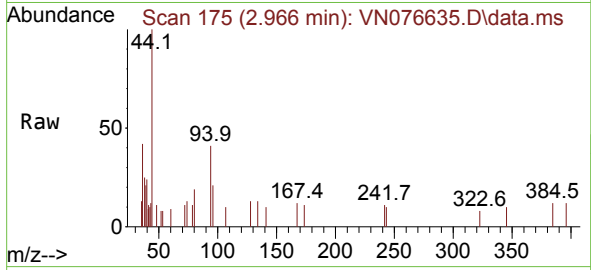




#5
Bromomethane
Concen: 0.479 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

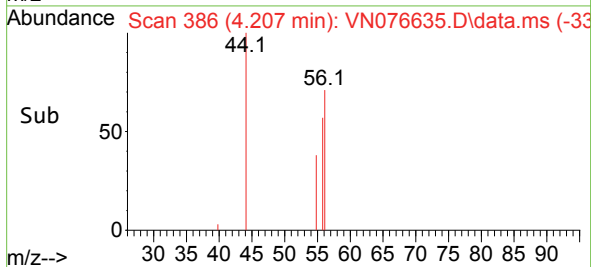
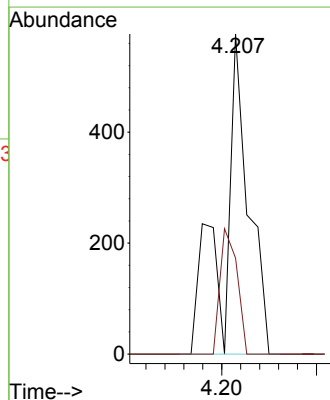
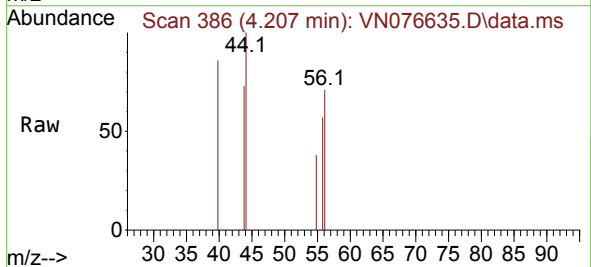
Instrument :
MSVOA_N
ClientSampleId :
TB-01-021023

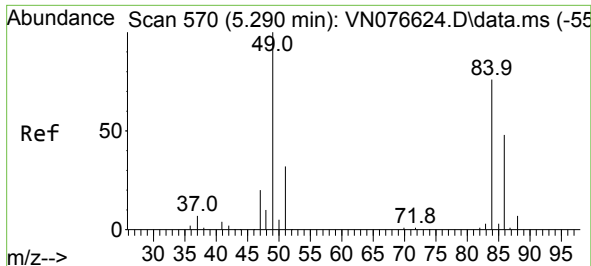
Tgt Ion: 94 Resp: 1518
Ion Ratio Lower Upper
94 100
96 51.2 69.0 103.4#



#13
Acrolein
Concen: 0.511 ug/l
RT: 4.207 min Scan# 386
Delta R.T. 0.018 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

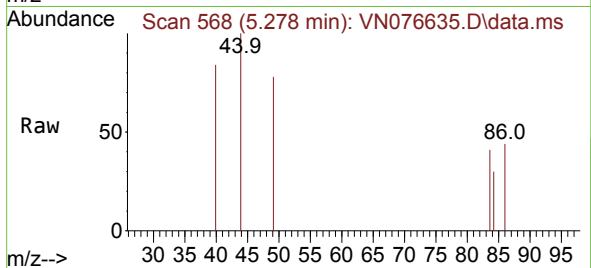
Tgt Ion: 56 Resp: 536
Ion Ratio Lower Upper
56 100
55 26.3 56.3 84.5#



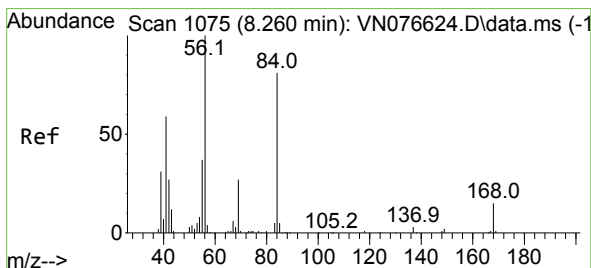
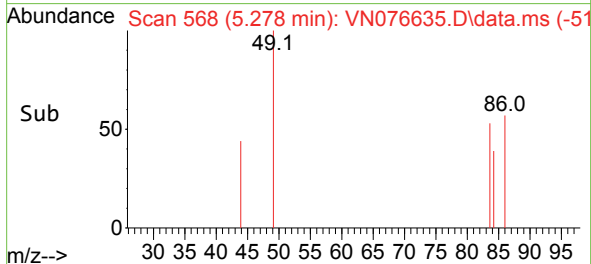
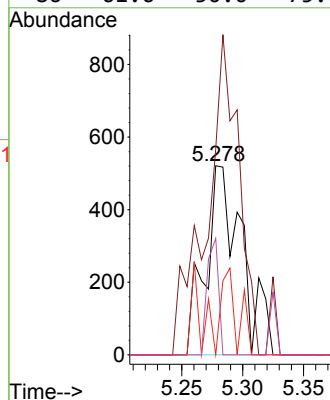


#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 5.278 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :
TB-01-021023

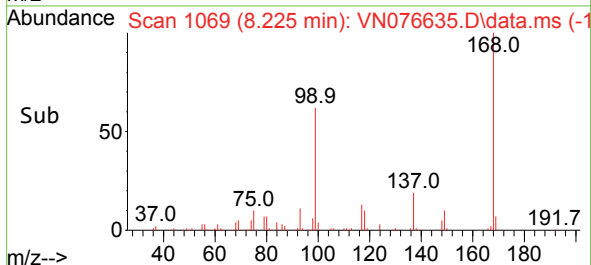
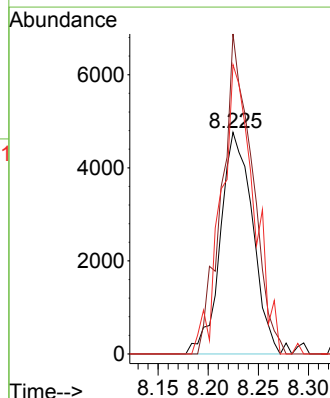
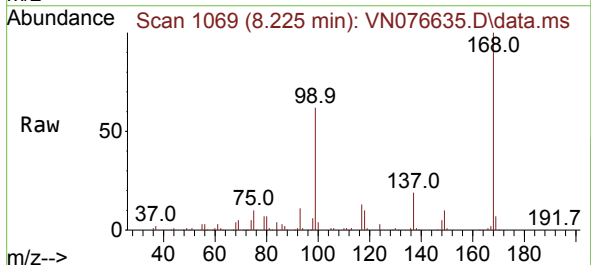


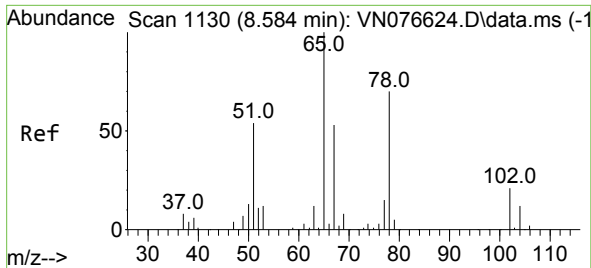
Tgt Ion:	84	Resp:	1081
Ion	Ratio	Lower	Upper
84	100		
49	108.8	104.9	157.3
51	0.0	33.8	50.8#
86	61.6	50.0	75.0



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

Tgt Ion:	56	Resp:	10604
Ion	Ratio	Lower	Upper
56	100		
69	144.4	21.6	32.4#
84	130.6	65.1	97.7#

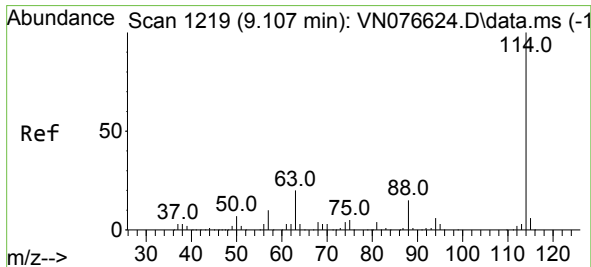
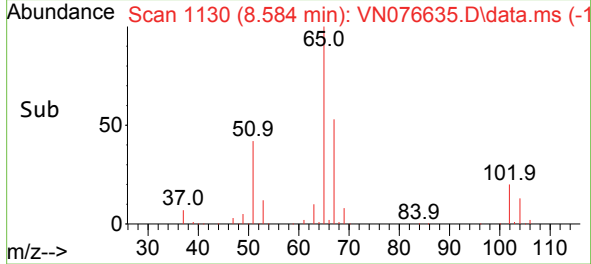
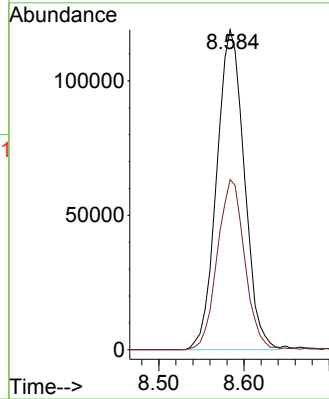
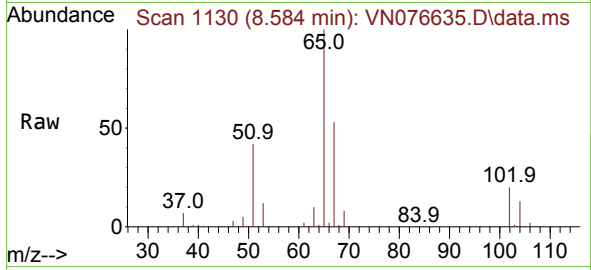




#33
 1,2-Dichloroethane-d4
 Concen: 50.523 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN076635.D
 Acq: 13 Feb 2023 18:20

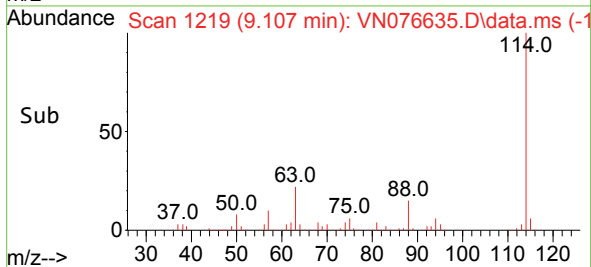
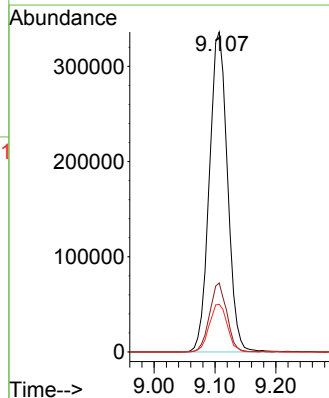
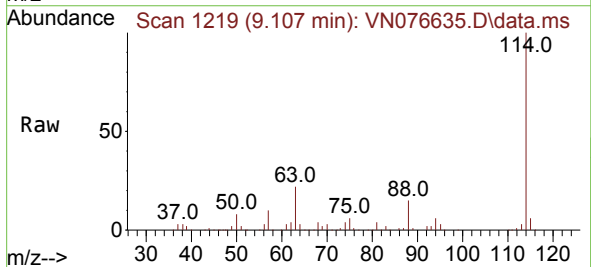
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-021023

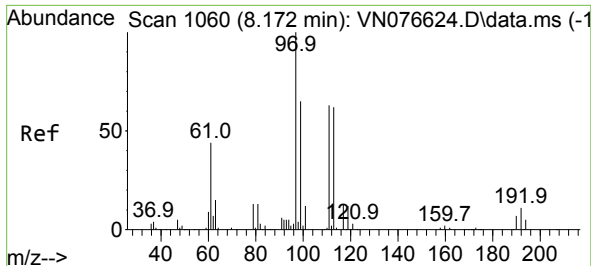
Tgt Ion: 65 Resp: 267563
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN076635.D
 Acq: 13 Feb 2023 18:20

Tgt Ion: 114 Resp: 695168
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.0
 88 14.9 0.0 29.6

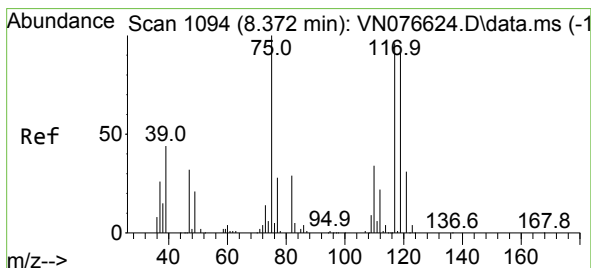
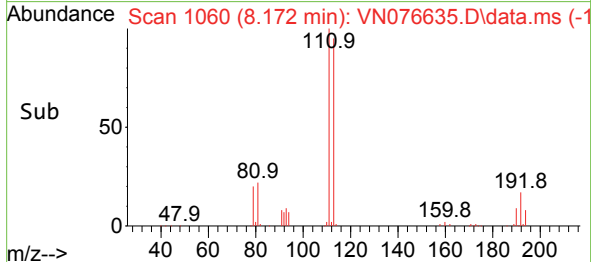
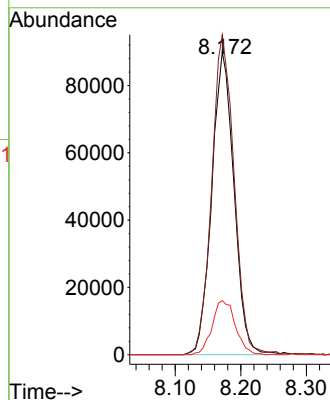
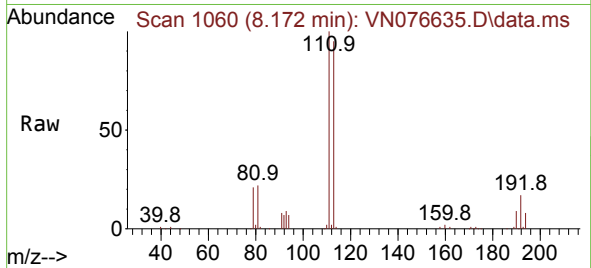




#35
Dibromofluoromethane
Concen: 46.380 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

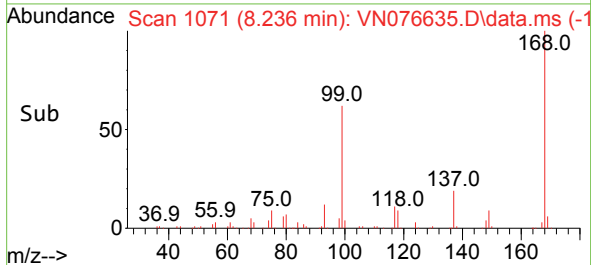
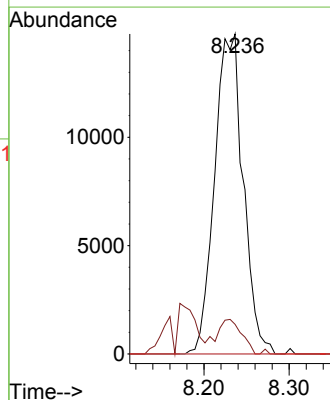
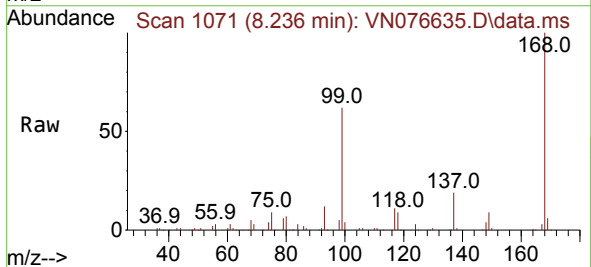
Instrument :
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TB-01-021023

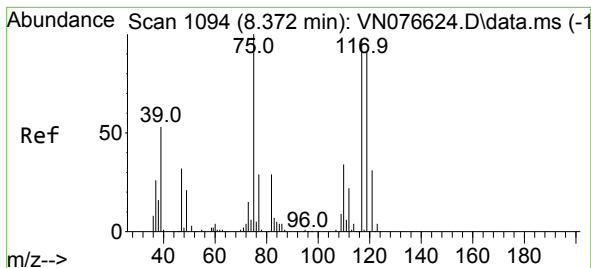
Tgt Ion:113 Resp: 211145
Ion Ratio Lower Upper
113 100
111 106.6 83.1 124.7
192 18.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.238 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.135 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

Tgt Ion: 75 Resp: 34455
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.988 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.147 min

Lab File: VN076635.D

Acq: 13 Feb 2023 18:20

Instrument :

MSVOA_N

ClientSampleId :

TB-01-021023

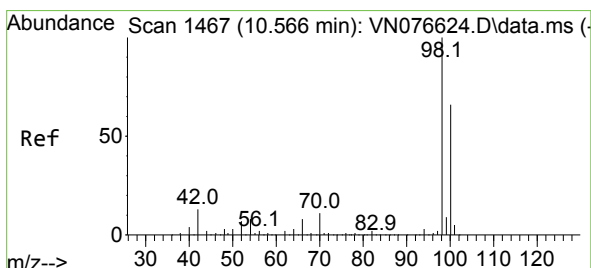
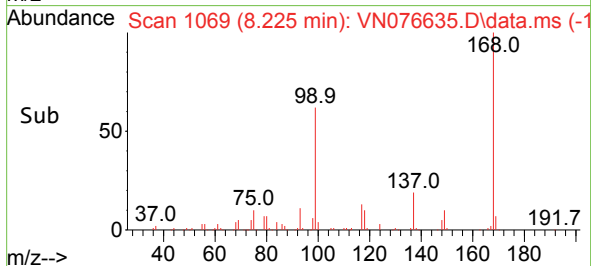
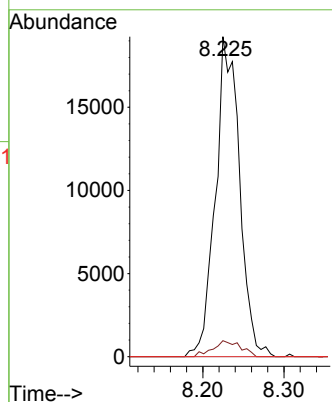
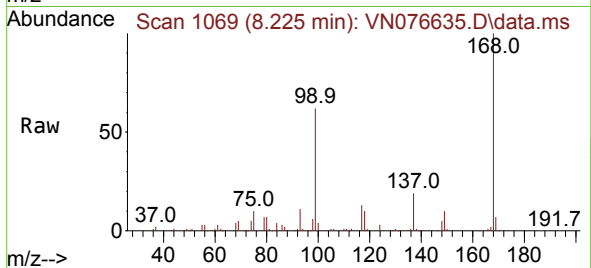
Tgt Ion:117 Resp: 39734

Ion Ratio Lower Upper

117 100

119 5.0 75.4 113.0#

121 0.0 26.0 39.0#



#50

Toluene-d8

Concen: 48.687 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076635.D

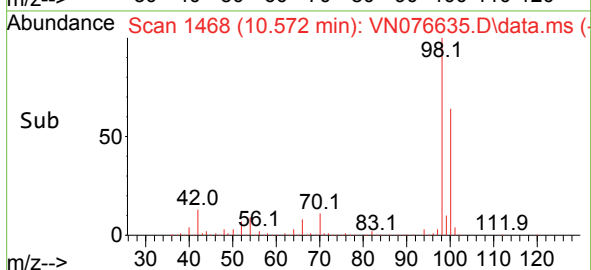
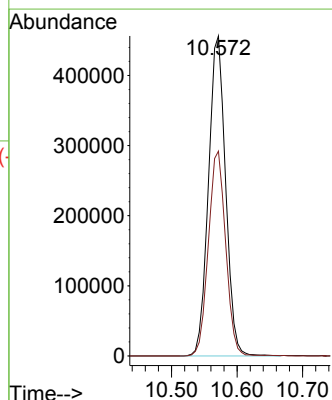
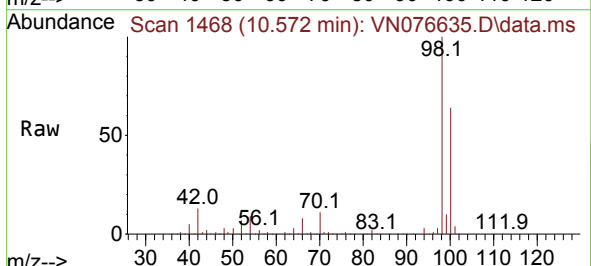
Acq: 13 Feb 2023 18:20

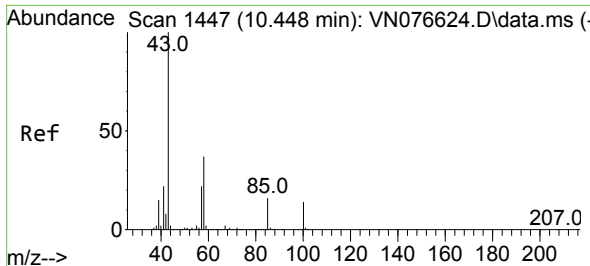
Tgt Ion: 98 Resp: 827762

Ion Ratio Lower Upper

98 100

100 64.5 52.9 79.3

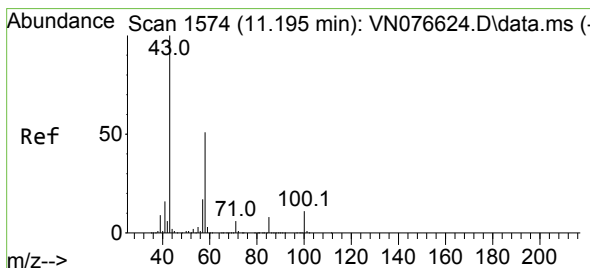
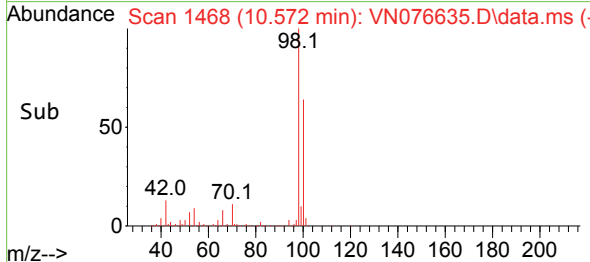
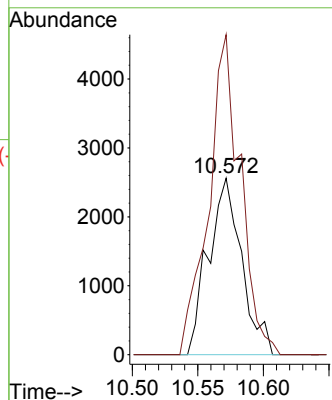
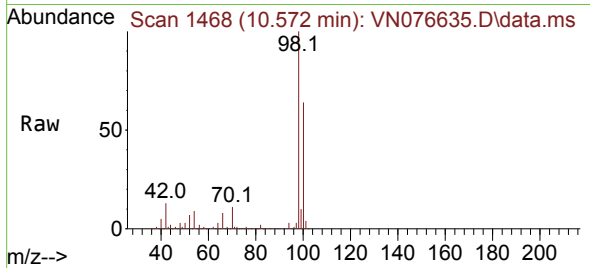




#51
4-Methyl-2-Pentanone
Concen: 0.632 ug/l
RT: 10.572 min Scan# 1447
Delta R.T. 0.123 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

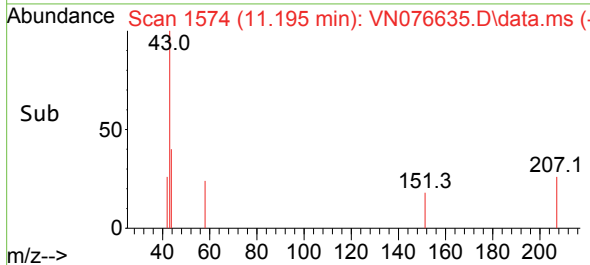
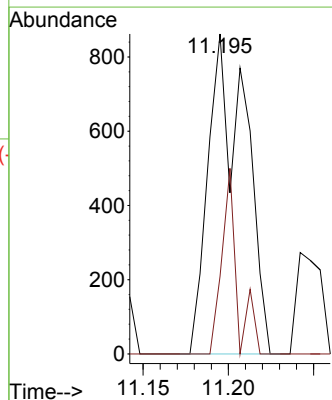
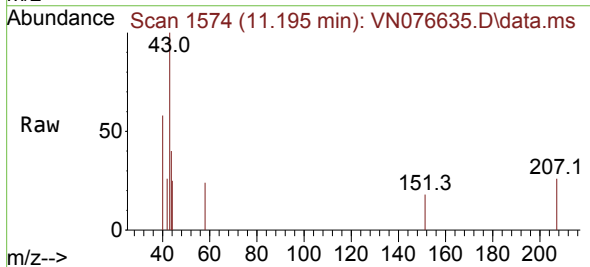
Instrument :
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TB-01-021023

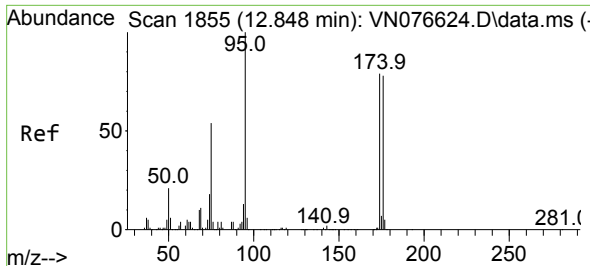
Tgt Ion: 43 Resp: 4531
Ion Ratio Lower Upper
43 100
58 172.7 29.5 44.3#



#59
2-Hexanone
Concen: 0.252 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
58 24.0 25.4 76.0#

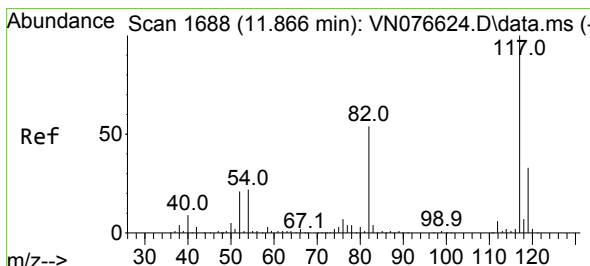
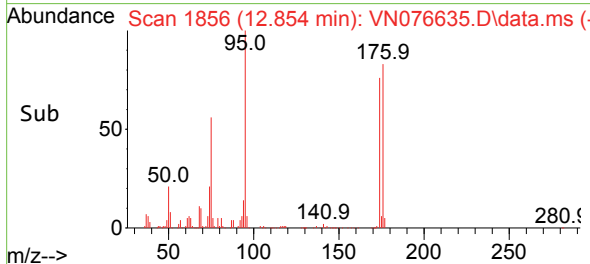
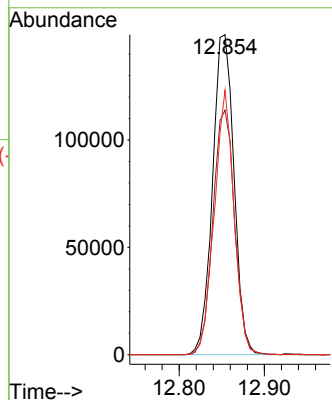
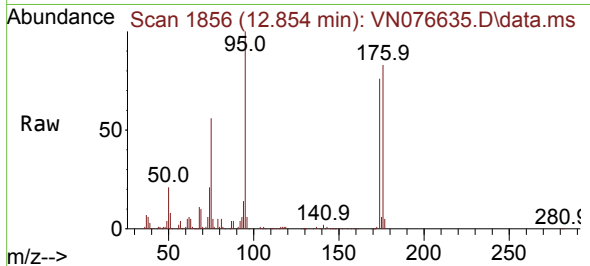




#62
4-Bromofluorobenzene
Concen: 46.299 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

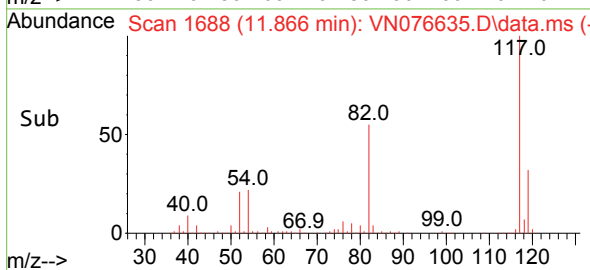
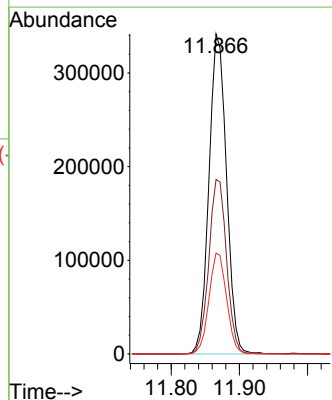
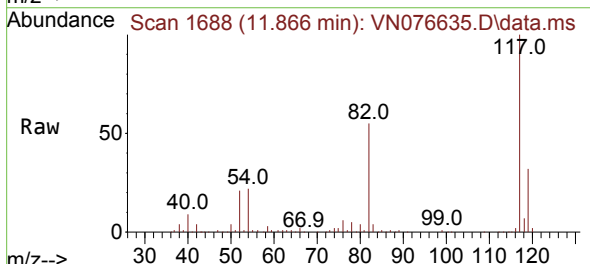
Instrument :
MSVOA_N
ClientSampleId :
TB-01-021023

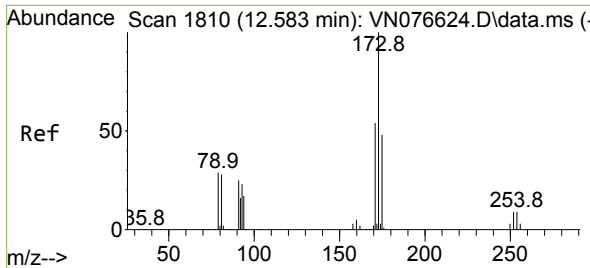
Tgt Ion: 95 Resp: 260711
Ion Ratio Lower Upper
95 100
174 77.3 0.0 169.2
176 76.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

Tgt Ion: 117 Resp: 611166
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.2
119 31.6 26.1 39.1

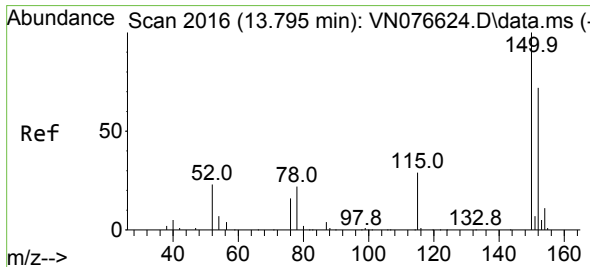
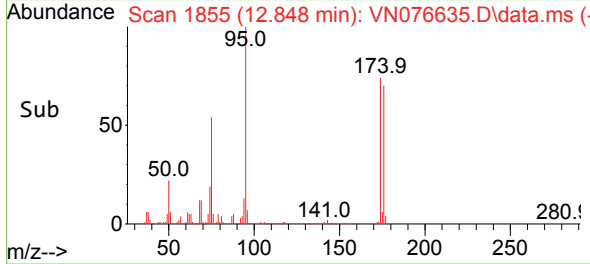
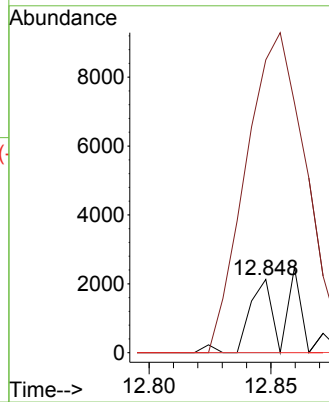
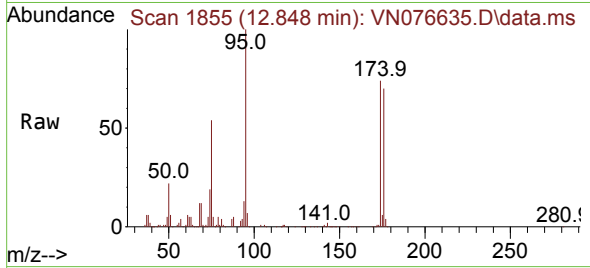




#71
Bromoform
Concen: 0.394 ug/l
RT: 12.848 min Scan# 1810
Delta R.T. 0.265 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

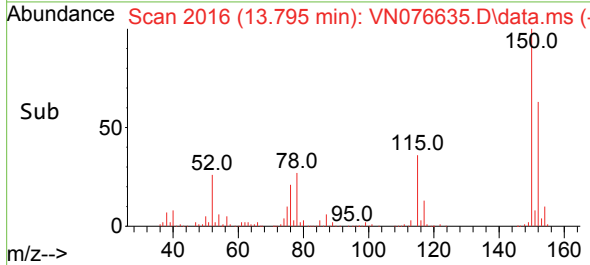
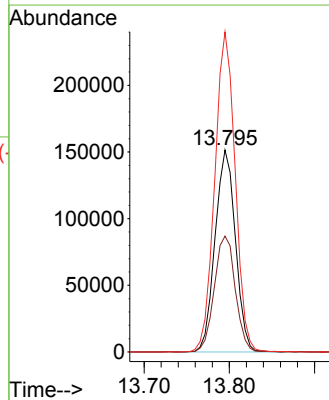
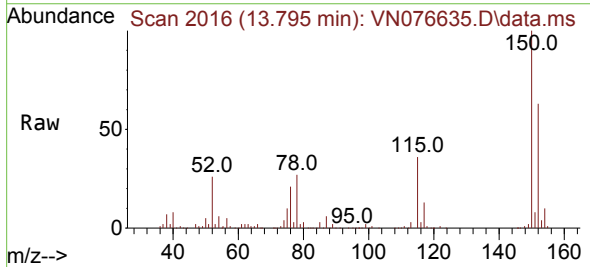
Instrument :
MSVOA_N
ClientSampleId :
TB-01-021023

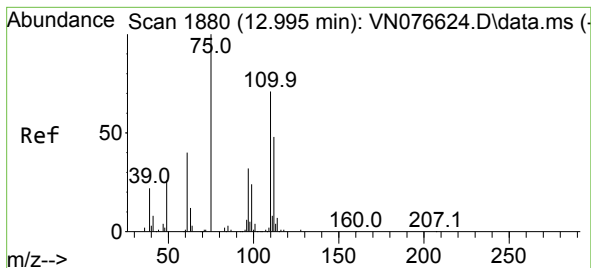
Tgt Ion:173 Resp: 1360
Ion Ratio Lower Upper
173 100
175 960.4 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

Tgt Ion:152 Resp: 251637
Ion Ratio Lower Upper
152 100
115 59.2 29.3 87.9
150 158.6 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 27.758 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN076635.D

Acq: 13 Feb 2023 18:20

Instrument :

MSVOA_N

ClientSampleId :

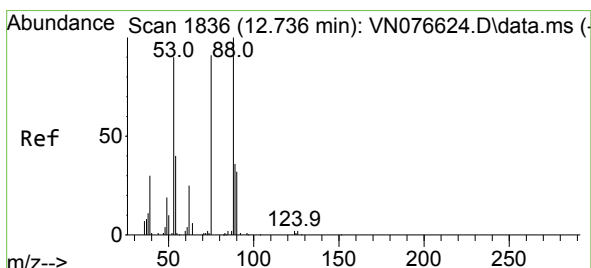
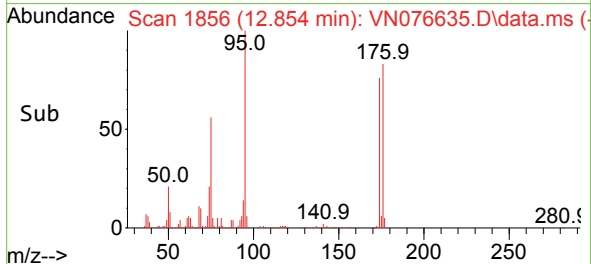
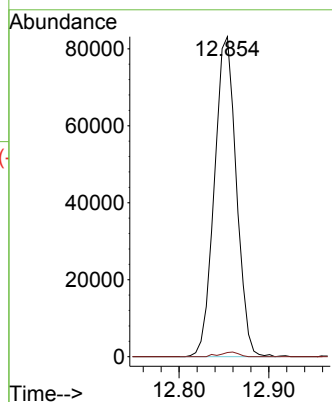
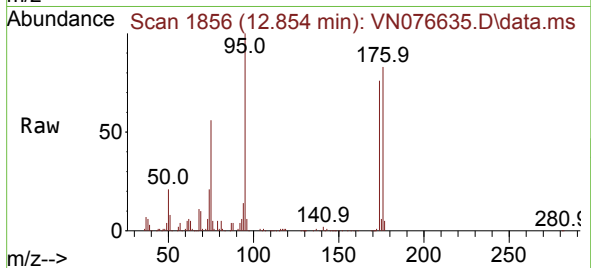
TB-01-021023

Tgt Ion: 75 Resp: 141214

Ion Ratio Lower Upper

75 100

77 1.2 93.1 279.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.846 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.118 min

Lab File: VN076635.D

Acq: 13 Feb 2023 18:20

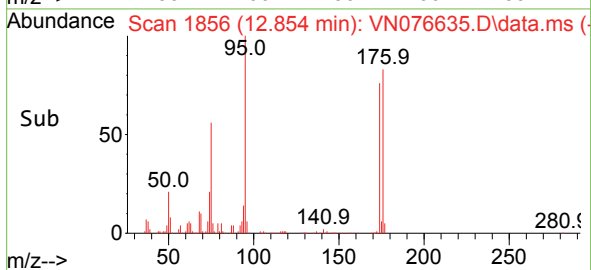
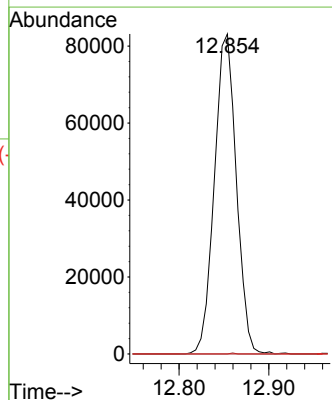
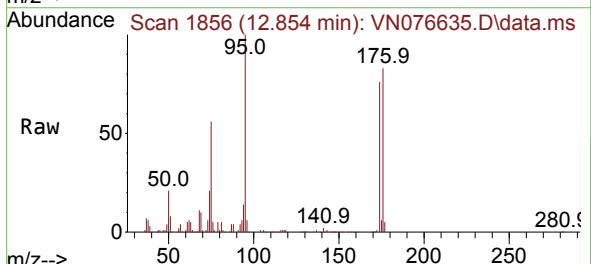
Tgt Ion: 75 Resp: 141214

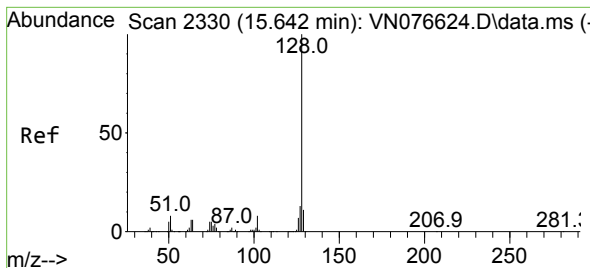
Ion Ratio Lower Upper

75 100

53 0.1 92.1 138.1#

89 0.0 37.5 56.3#





#95

Naphthalene

Concen: 0.231 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076635.D

Acq: 13 Feb 2023 18:20

Instrument :

MSVOA_N

ClientSampleId :

TB-01-021023

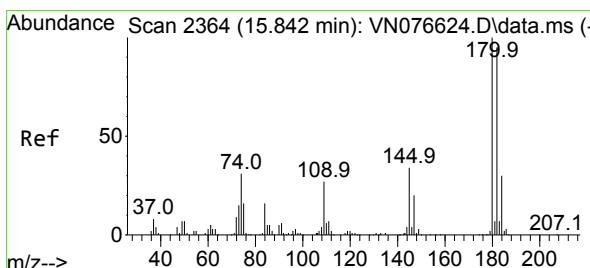
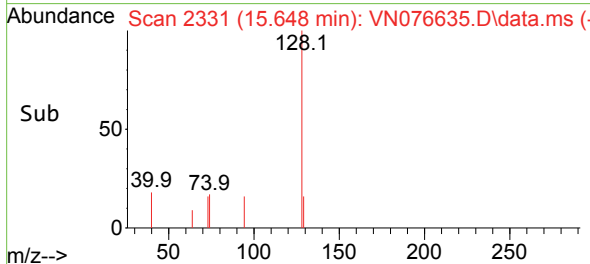
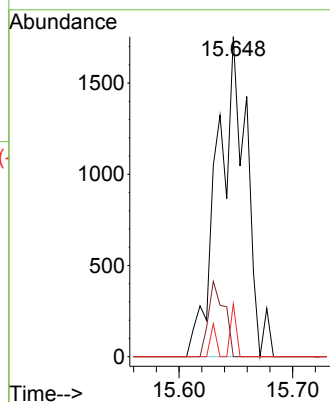
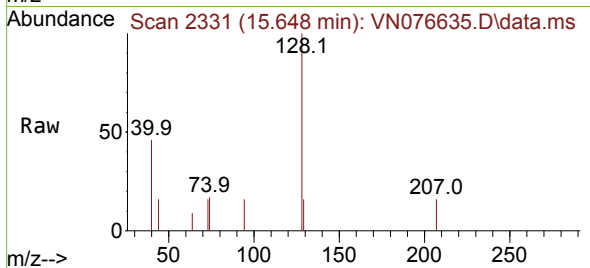
Tgt Ion:128 Resp: 3113

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 3.3 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.229 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: VN076635.D

Acq: 13 Feb 2023 18:20

Tgt Ion:180 Resp: 989

Ion Ratio Lower Upper

180 100

182 78.4 46.7 140.1

145 22.6 16.0 47.9

