

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076936.D
 Acq On : 10 Mar 2023 20:02
 Operator : JC\MD
 Sample : 01849-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-030823

Quant Time: Mar 13 01:23:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	376395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	609339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	530160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	223404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	265391	47.249	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.500%
35) Dibromofluoromethane	8.172	113	191379	47.126	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	10.572	98	722686	48.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.848	95	254447	46.479	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.960%

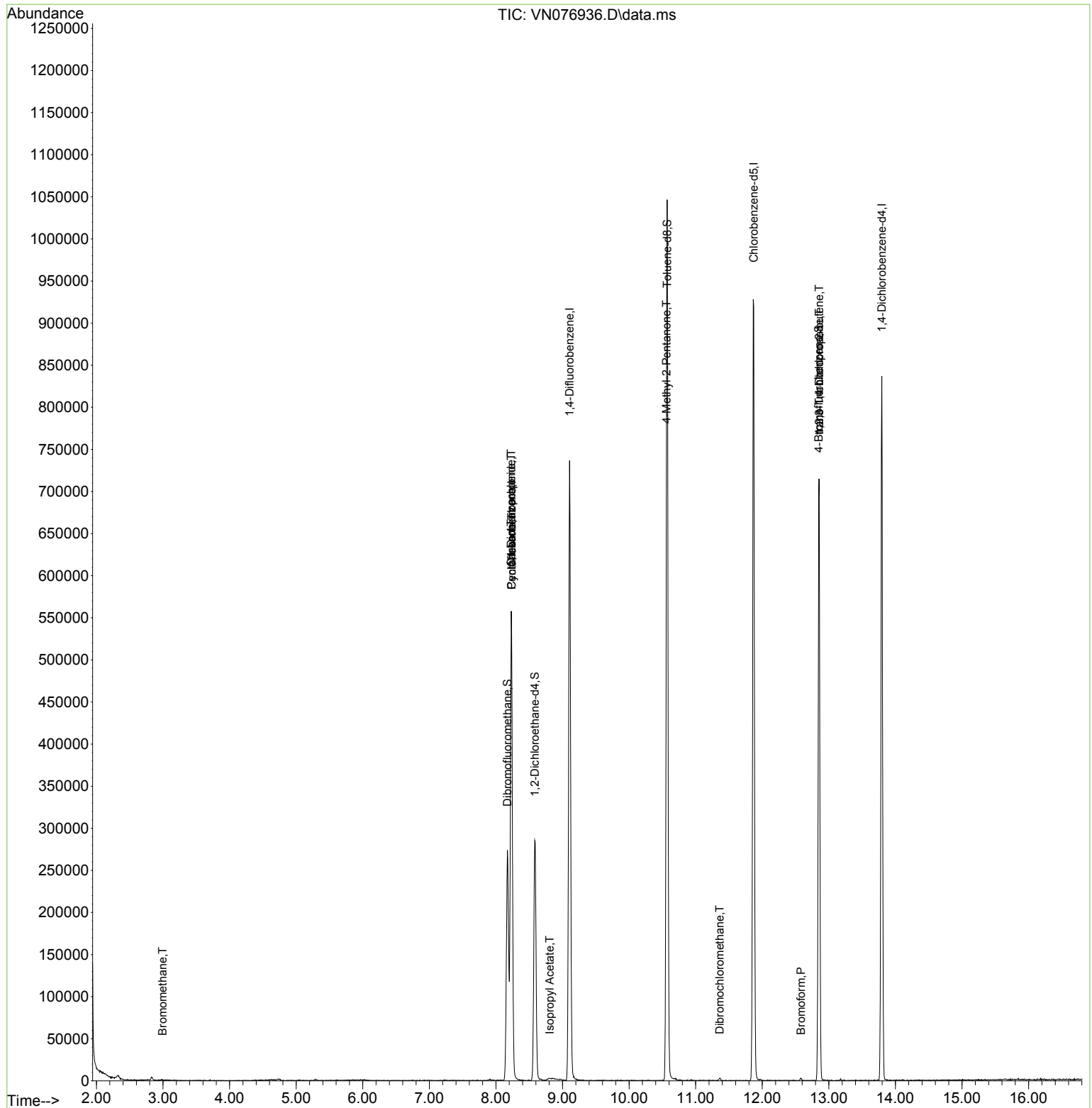
Target Compounds					Qvalue	
5) Bromomethane	2.996	94	693	0.277	ug/l #	55
31) Cyclohexane	8.236	56	8939	1.109	ug/l #	26
36) 1,1-Dichloropropene	8.231	75	31867	5.074	ug/l #	49
38) Carbon Tetrachloride	8.231	117	46234	6.290	ug/l #	14
43) Isopropyl Acetate	8.807	43	3063	0.345	ug/l #	48
51) 4-Methyl-2-Pentanone	10.560	43	2864	0.538	ug/l #	1
60) Dibromochloromethane	11.360	129	1876	0.384	ug/l	92
71) Bromoform	12.583	173	1342	0.400	ug/l #	59
76) 1,2,3-Trichloropropane	12.854	75	142659	26.339	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	142659	86.036	ug/l #	15

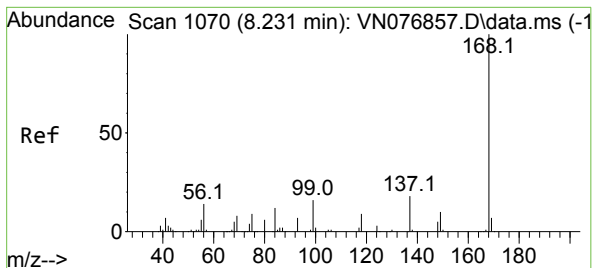
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\  
Data File : VN076936.D  
Acq On    : 10 Mar 2023   20:02  
Operator  : JC\MD  
Sample    : 01849-06  
Misc      : 5.0mL/MSVOA_N/WATER  
ALS Vial  : 25   Sample Multiplier: 1
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Instrument :
MSVOA_N
ClientSampleId :
TB-01-030823

Quant Time: Mar 13 01:23:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076936.D

Acq: 10 Mar 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

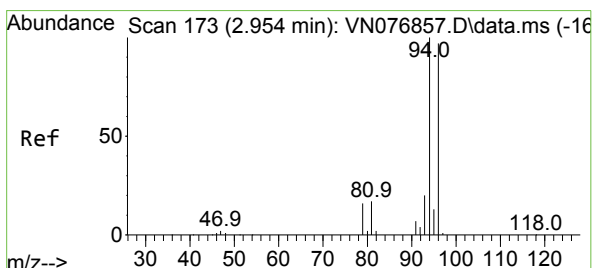
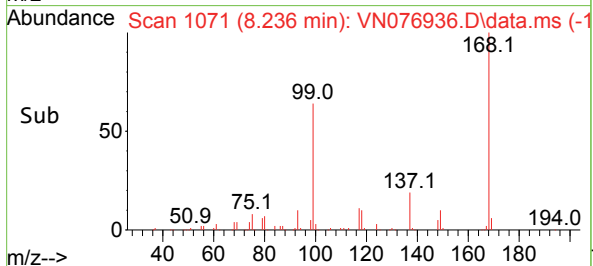
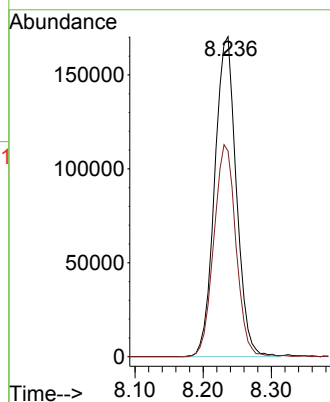
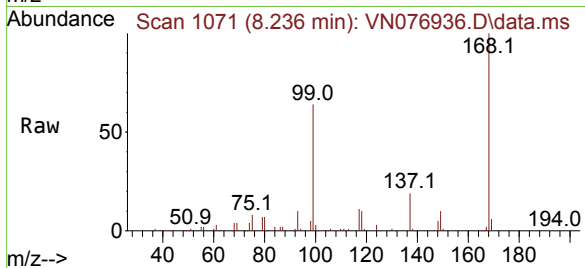
TB-01-030823

Tgt Ion:168 Resp: 376395

Ion Ratio Lower Upper

168 100

99 64.2 48.6 73.0



#5

Bromomethane

Concen: 0.277 ug/l

RT: 2.996 min Scan# 180

Delta R.T. 0.041 min

Lab File: VN076936.D

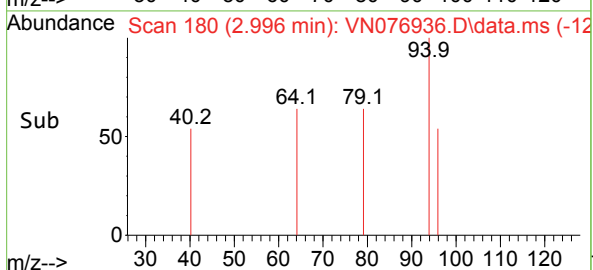
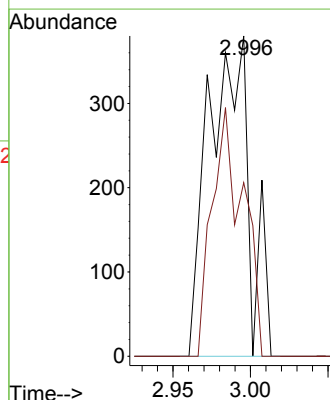
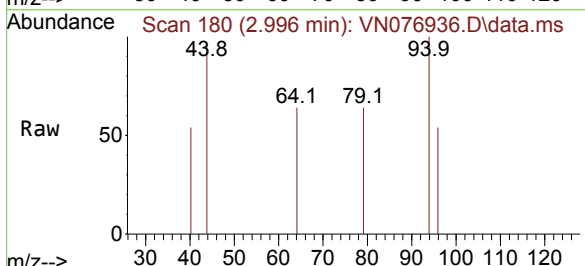
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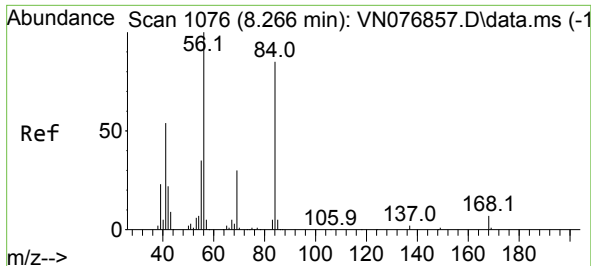
Tgt Ion: 94 Resp: 693

Ion Ratio Lower Upper

94 100

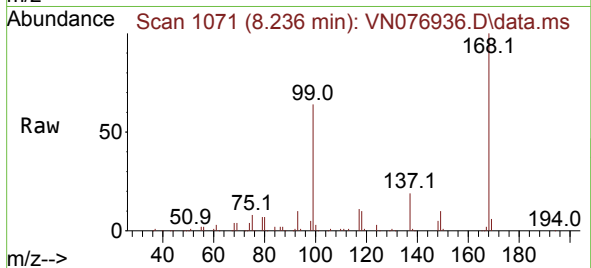
96 54.2 79.0 118.6#



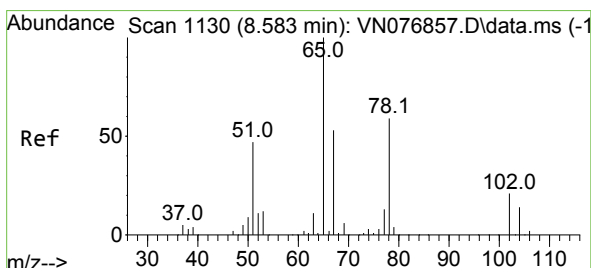
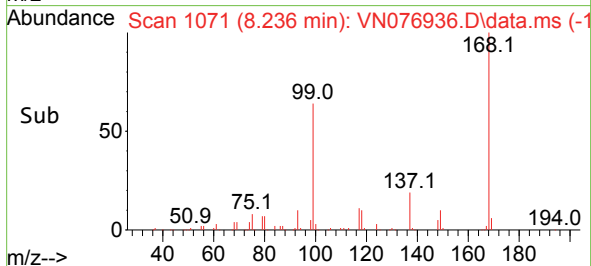
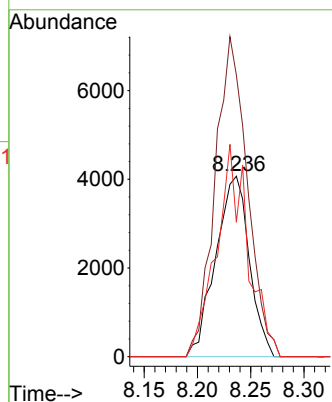


#31
Cyclohexane
Concen: 1.109 ug/l
RT: 8.236 min Scan# 1076
Delta R.T. -0.029 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

Instrument :
MSVOA_N
ClientSampleId :
TB-01-030823

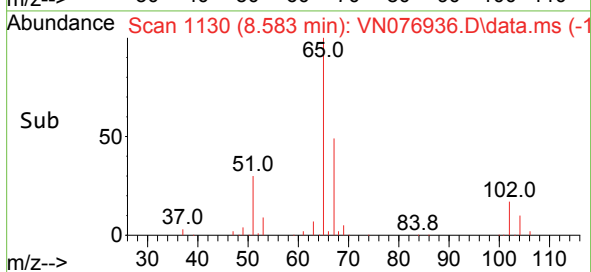
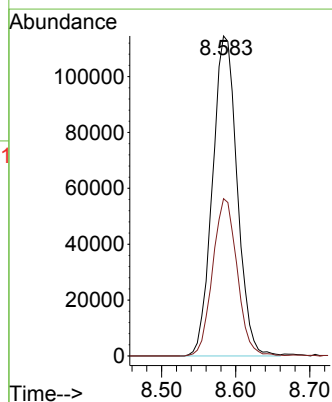
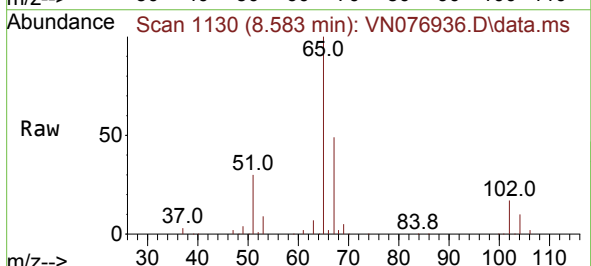


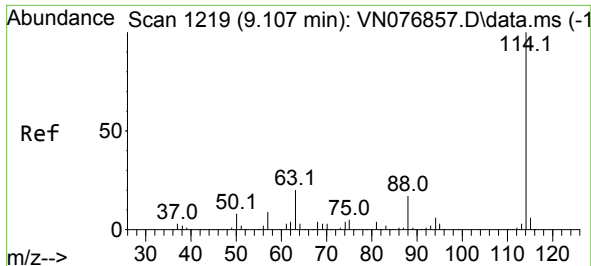
Tgt Ion: 56 Resp: 8939
Ion Ratio Lower Upper
56 100
69 156.0 27.0 40.6#
84 74.5 82.9 124.3#



#33
1,2-Dichloroethane-d4
Concen: 47.249 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

Tgt Ion: 65 Resp: 265391
Ion Ratio Lower Upper
65 100
67 48.7 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076936.D

Acq: 10 Mar 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

TB-01-030823

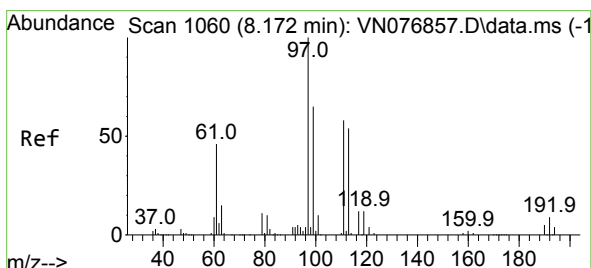
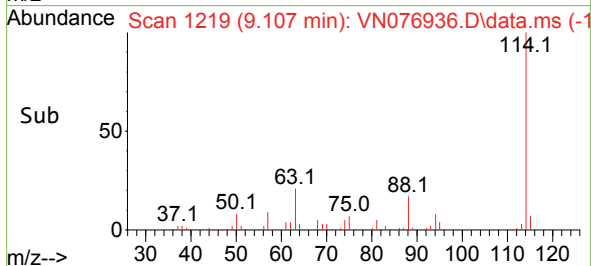
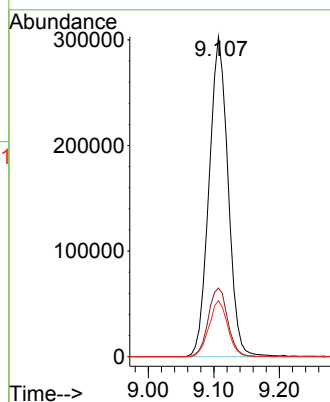
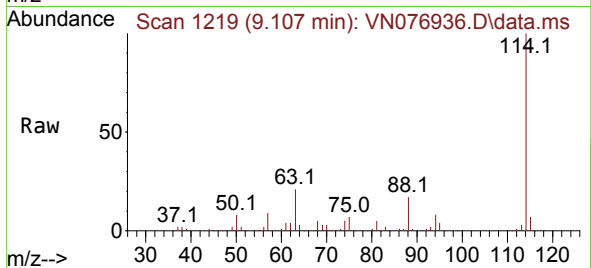
Tgt Ion:114 Resp: 609339

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.6

88 17.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 47.126 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076936.D

Acq: 10 Mar 2023 20:02

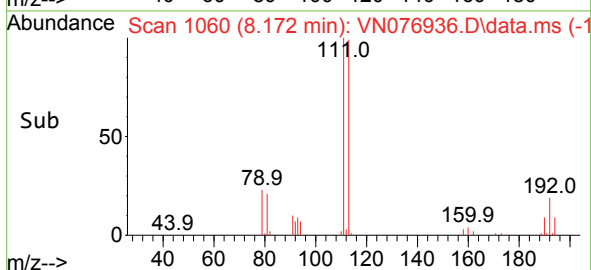
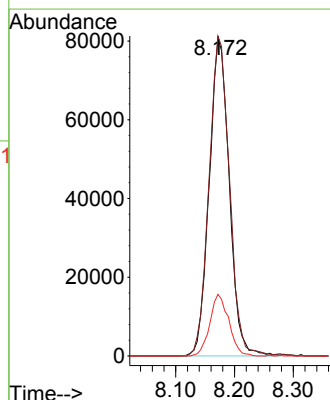
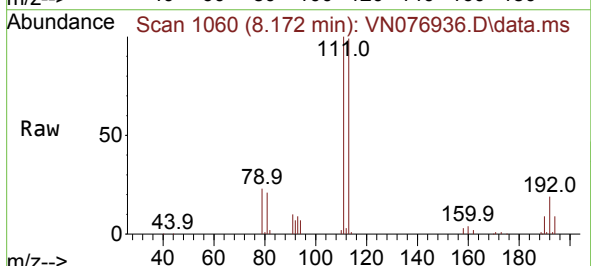
Tgt Ion:113 Resp: 191379

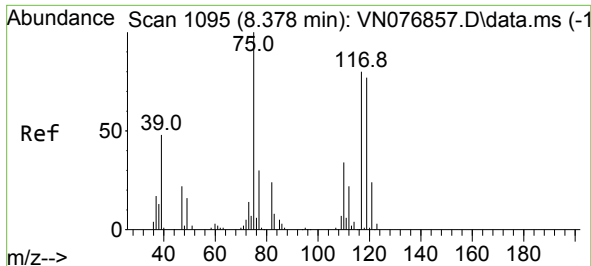
Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 18.4 13.9 20.9





#36

1,1-Dichloropropene

Concen: 5.074 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN076936.D

Acq: 10 Mar 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

TB-01-030823

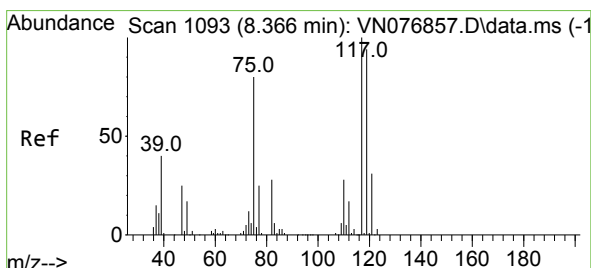
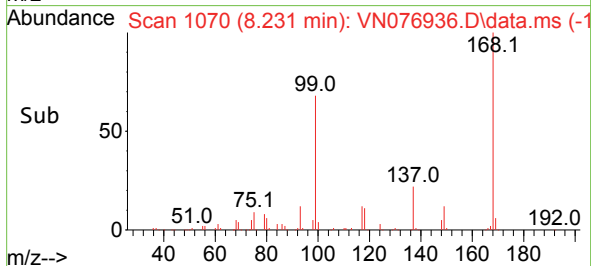
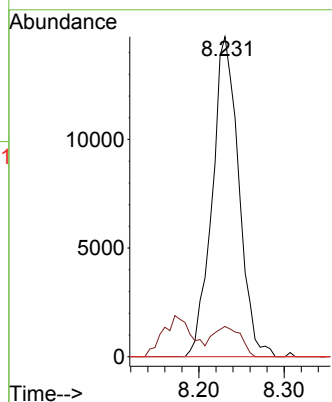
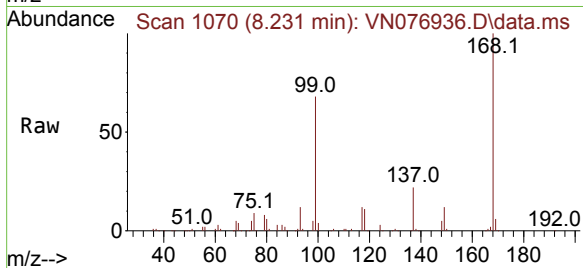
Tgt Ion: 75 Resp: 31867

Ion Ratio Lower Upper

75 100

110 9.9 18.9 56.9#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.290 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.141 min

Lab File: VN076936.D

Acq: 10 Mar 2023 20:02

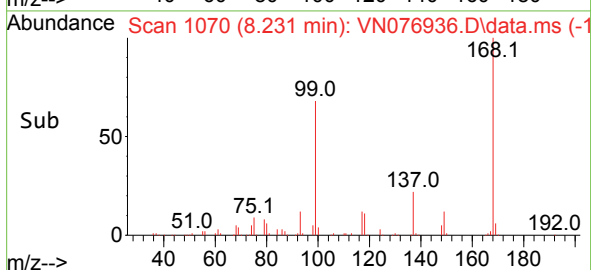
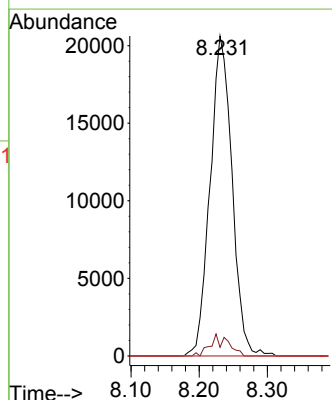
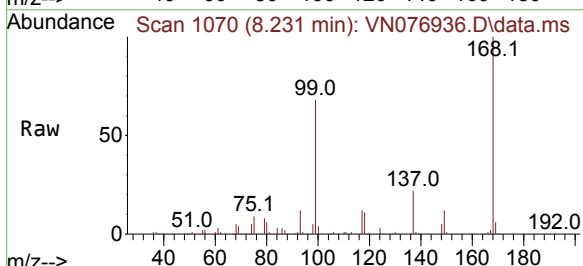
Tgt Ion: 117 Resp: 46234

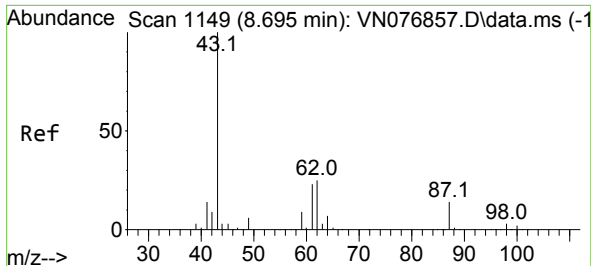
Ion Ratio Lower Upper

117 100

119 2.7 76.9 115.3#

121 0.0 23.2 34.8#

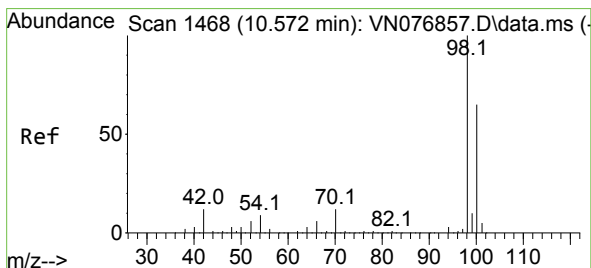
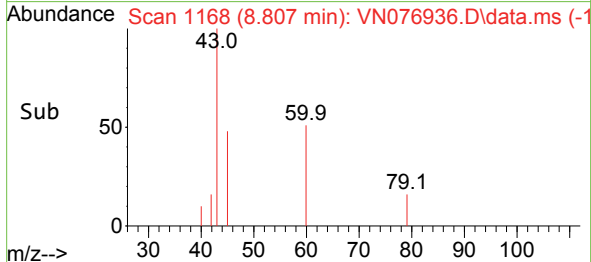
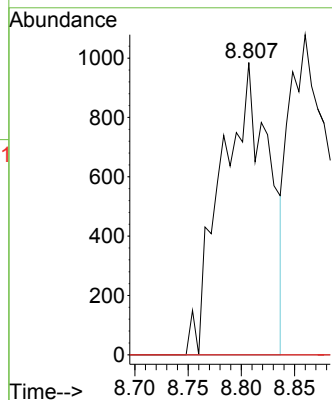
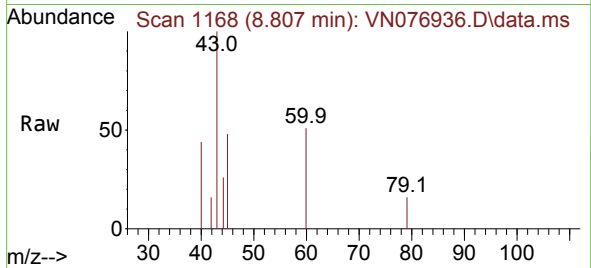




#43
Isopropyl Acetate
Concen: 0.345 ug/l
RT: 8.807 min Scan# 1149
Delta R.T. 0.112 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

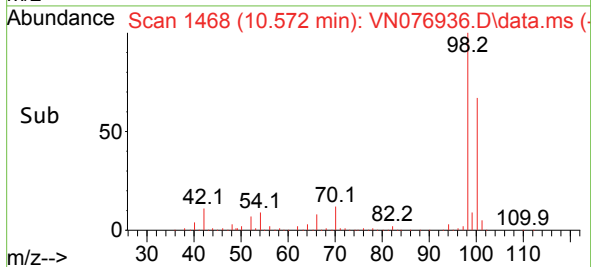
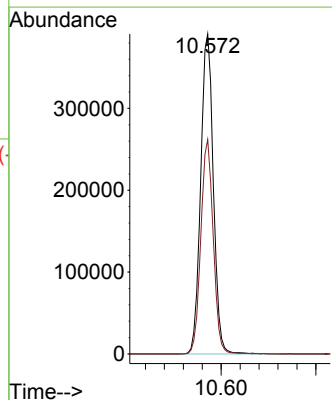
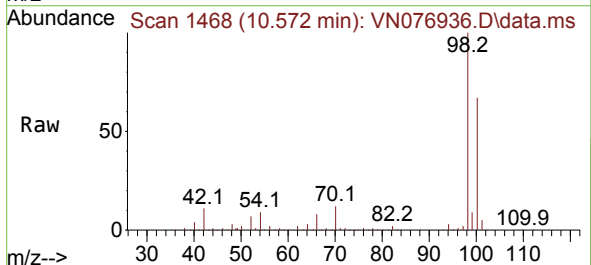
Instrument :
MSVOA_N
ClientSampleId :
TB-01-030823

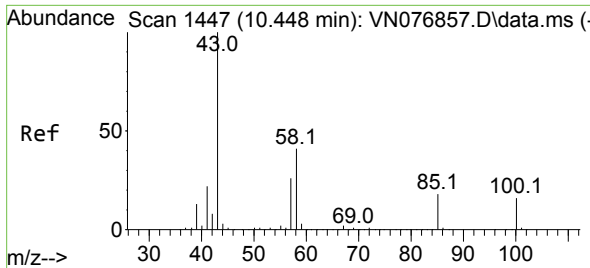
Tgt Ion: 43 Resp: 3063
Ion Ratio Lower Upper
43 100
61 0.0 26.2 39.2#
87 0.0 14.8 22.2#



#50
Toluene-d8
Concen: 48.286 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

Tgt Ion: 98 Resp: 722686
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2

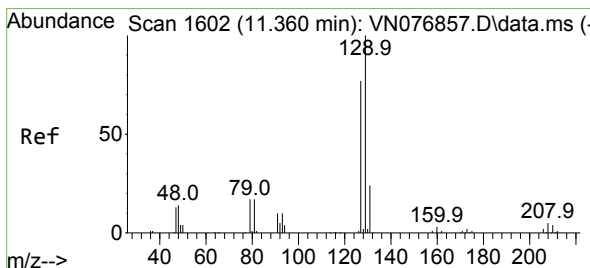
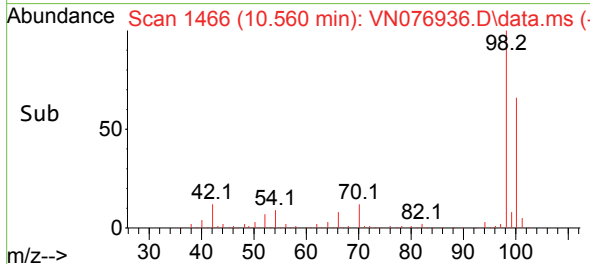
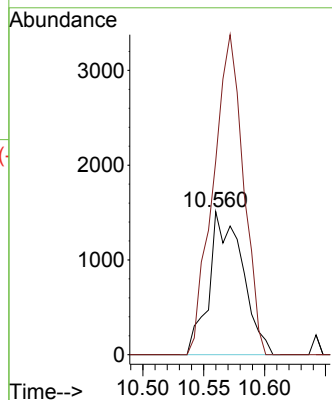
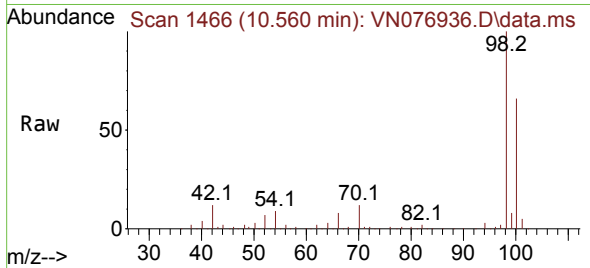




#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 10.560 min Scan# 1447
Delta R.T. 0.112 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

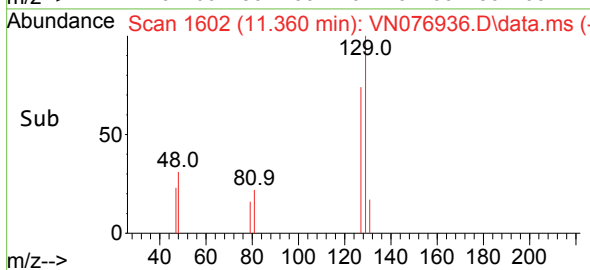
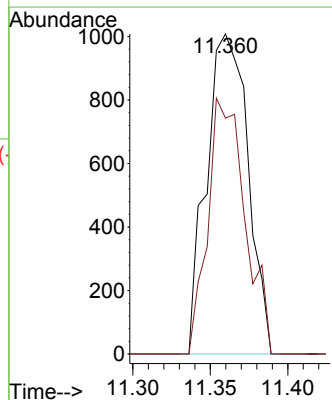
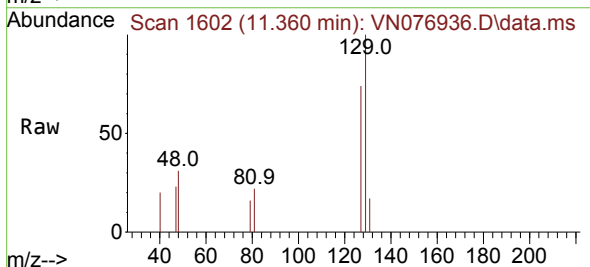
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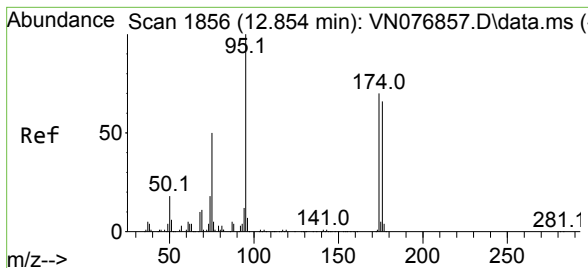
Tgt Ion: 43 Resp: 2864
Ion Ratio Lower Upper
43 100
58 204.6 37.4 56.0#



#60
Dibromochloromethane
Concen: 0.384 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

Tgt Ion: 129 Resp: 1876
Ion Ratio Lower Upper
129 100
127 71.8 39.6 118.8

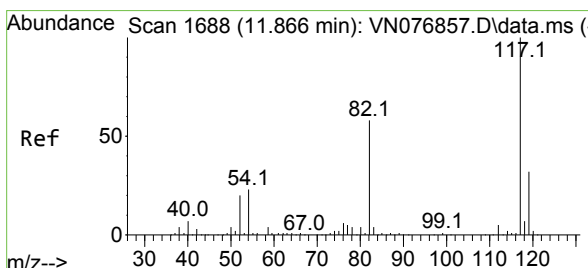
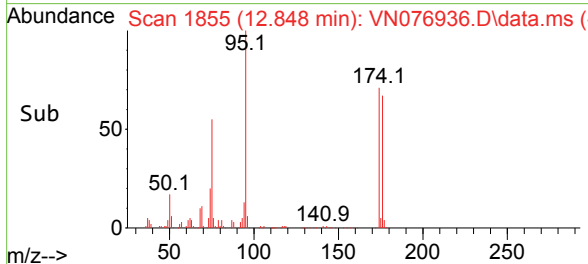
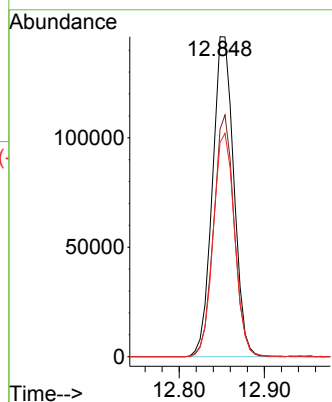
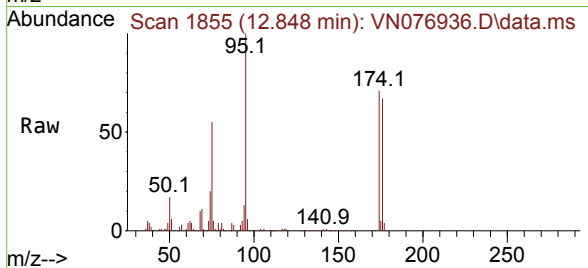




#62
4-Bromofluorobenzene
Concen: 46.479 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

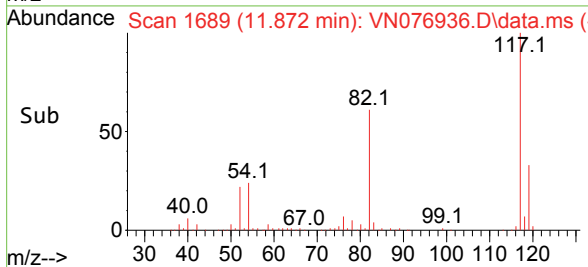
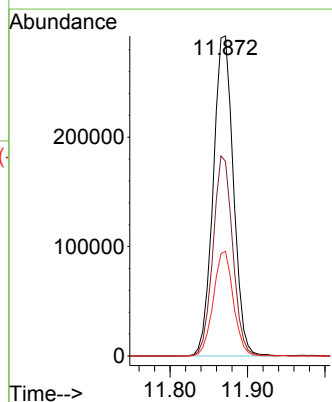
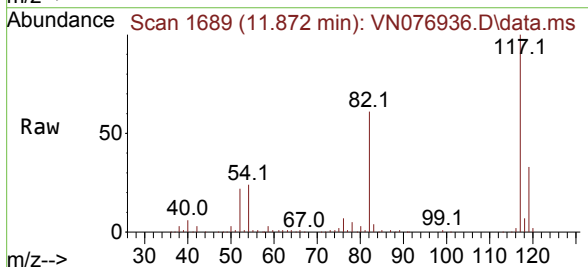
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MSVOA_N
ClientSampleId :
TB-01-030823

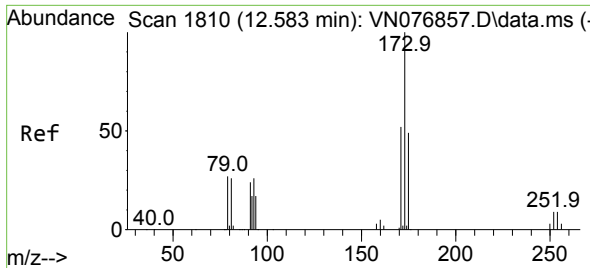
Tgt Ion: 95 Resp: 254447
Ion Ratio Lower Upper
95 100
174 72.7 0.0 162.4
176 69.7 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

Tgt Ion: 117 Resp: 530160
Ion Ratio Lower Upper
117 100
82 60.8 43.5 65.3
119 32.7 25.5 38.3

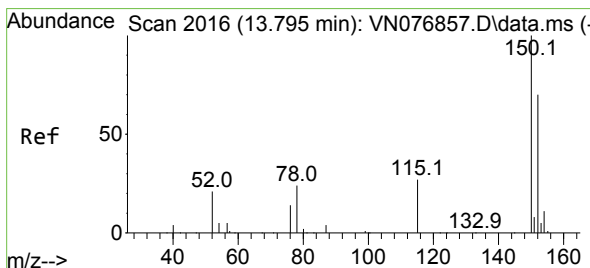
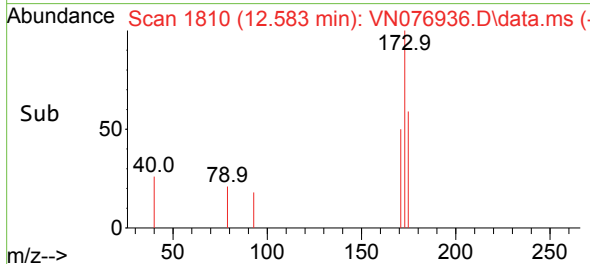
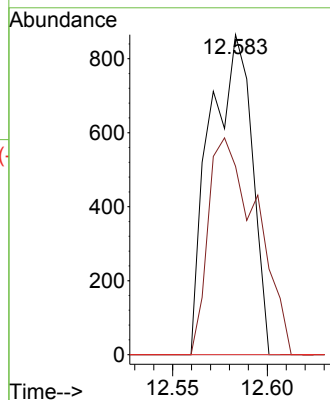
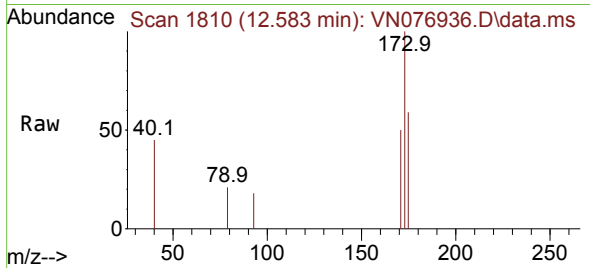




#71
Bromoform
Concen: 0.400 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

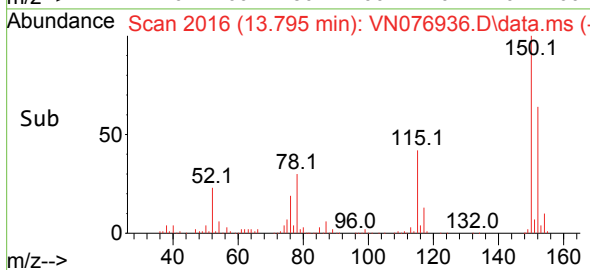
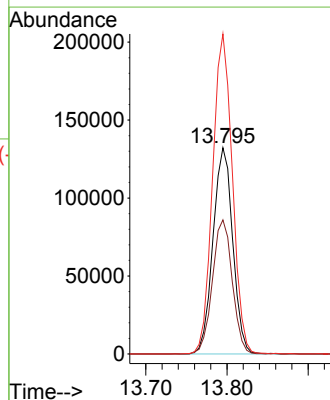
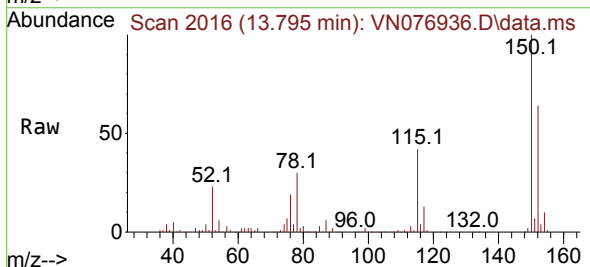
Instrument :
MSVOA_N
ClientSampleId :
TB-01-030823

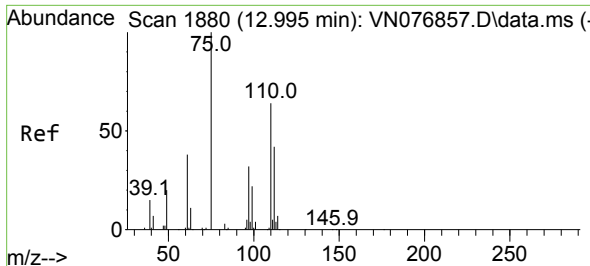
Tgt Ion:173 Resp: 1342
Ion Ratio Lower Upper
173 100
175 77.9 24.9 74.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

Tgt Ion:152 Resp: 223404
Ion Ratio Lower Upper
152 100
115 65.3 30.3 90.9
150 154.7 0.0 353.6

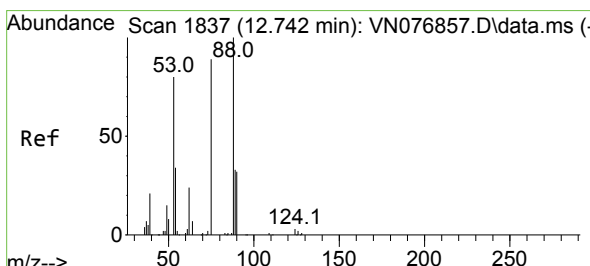
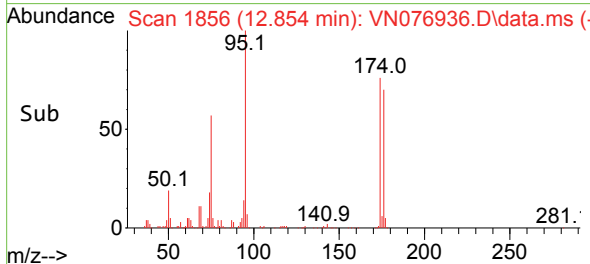
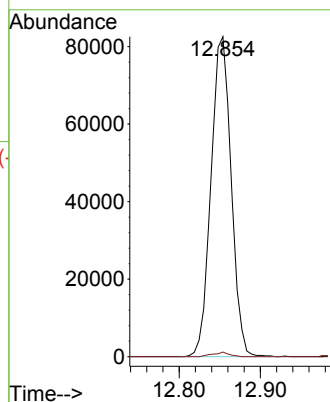
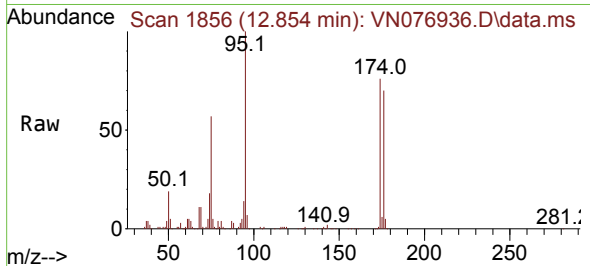




#76
1,2,3-Trichloropropane
Concen: 26.339 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

Instrument :
MSVOA_N
ClientSampleId :
TB-01-030823

Tgt Ion: 75 Resp: 142659
Ion Ratio Lower Upper
75 100
77 1.2 93.8 281.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.036 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

Tgt Ion: 75 Resp: 142659
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#

