

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076968.D
 Acq On : 13 Mar 2023 17:45
 Operator : JC\MD
 Sample : 01880-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230309

Quant Time: Mar 14 07:05:19 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)

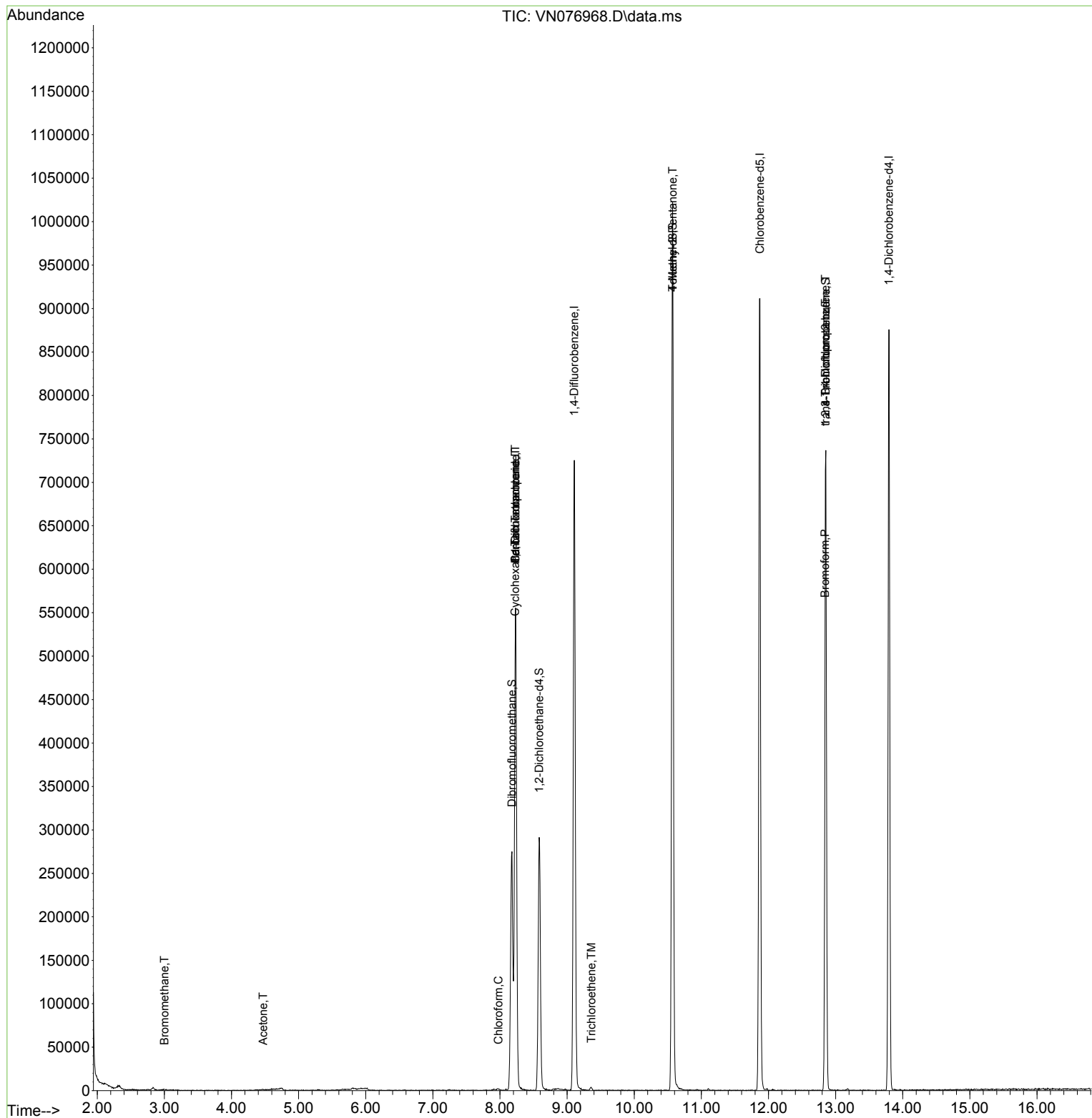
Internal Standards						
1) Pentafluorobenzene	8.230	168	382126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	614962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	539368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	232188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	265826	46.617	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.240%		
35) Dibromofluoromethane	8.178	113	193710	47.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.520%		
50) Toluene-d8	10.571	98	717479	47.499	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.000%		
62) 4-Bromofluorobenzene	12.854	95	264153	47.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.620%		
Target Compounds						Qvalue
5) Bromomethane	3.001	94	767	0.302	ug/l #	45
16) Acetone	4.472	43	775	0.392	ug/l #	40
30) Chloroform	7.978	83	2023	0.220	ug/l #	78
31) Cyclohexane	8.225	56	8591	1.050	ug/l #	38
36) 1,1-Dichloropropene	8.230	75	32257	5.089	ug/l #	50
38) Carbon Tetrachloride	8.230	117	43465	5.859	ug/l #	16
44) Trichloroethene	9.360	130	1460	0.302	ug/l	98
51) 4-Methyl-2-Pentanone	10.571	43	2819	0.524	ug/l #	1
71) Bromoform	12.842	173	810	0.237	ug/l #	1
76) 1,2,3-Trichloropropane	12.848	75	144284	25.631	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	144284	83.724	ug/l #	15

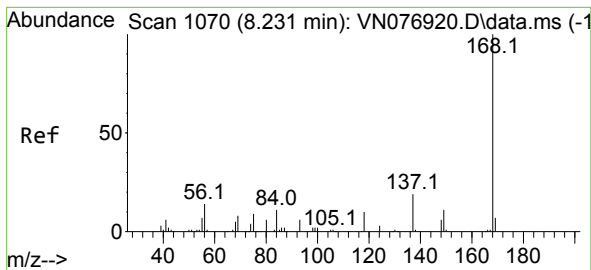
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN076968.D

Acq: 13 Mar 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

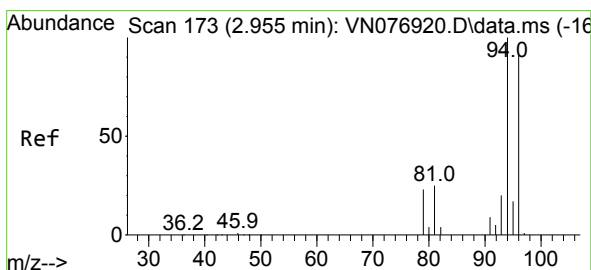
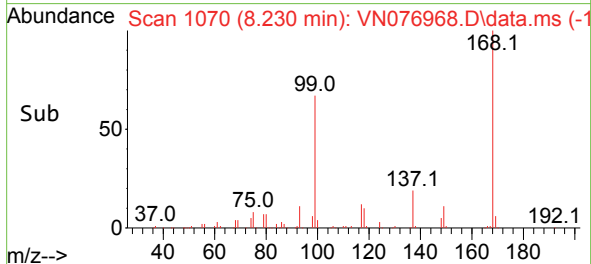
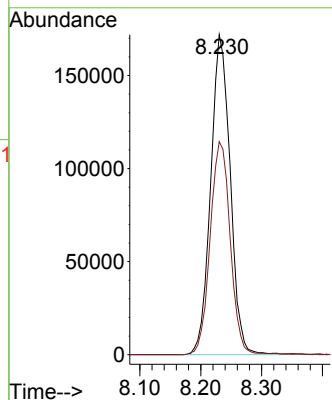
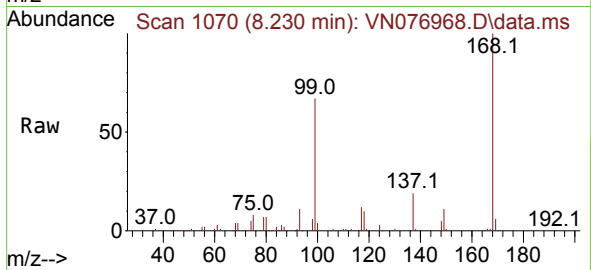
TT15811-20230309

Tgt Ion:168 Resp: 382126

Ion Ratio Lower Upper

168 100

99 66.6 48.6 73.0



#5

Bromomethane

Concen: 0.302 ug/l

RT: 3.001 min Scan# 181

Delta R.T. 0.046 min

Lab File: VN076968.D

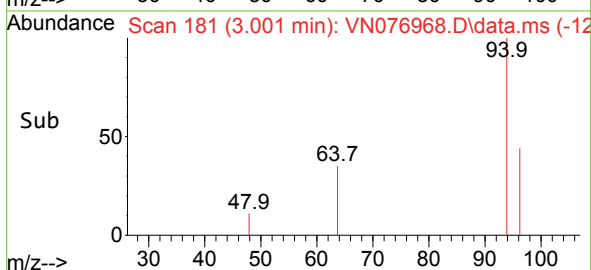
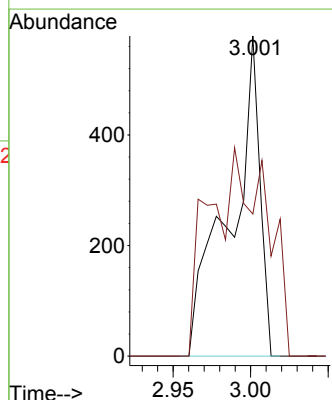
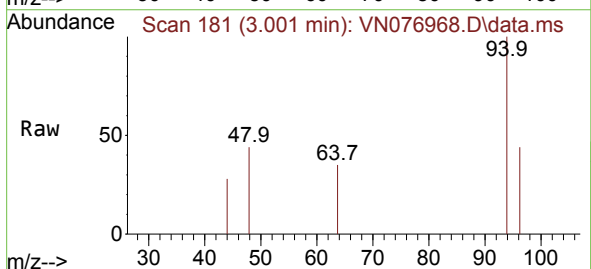
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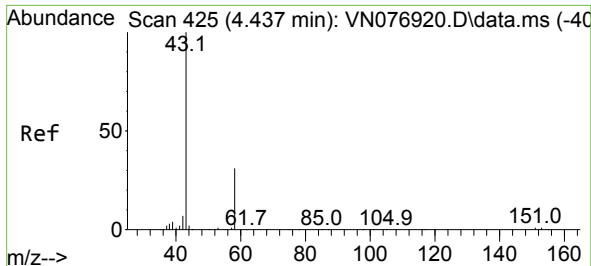
Tgt Ion: 94 Resp: 767

Ion Ratio Lower Upper

94 100

96 44.4 79.0 118.6#

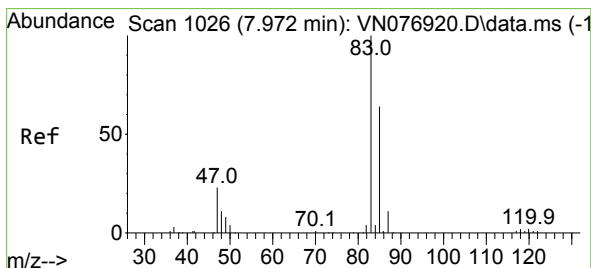
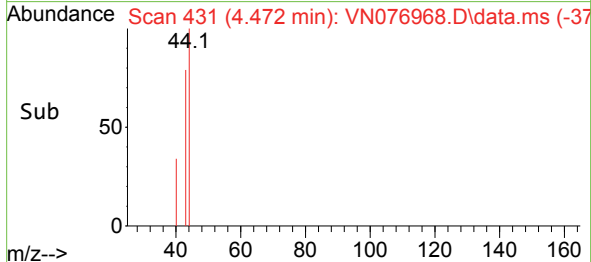
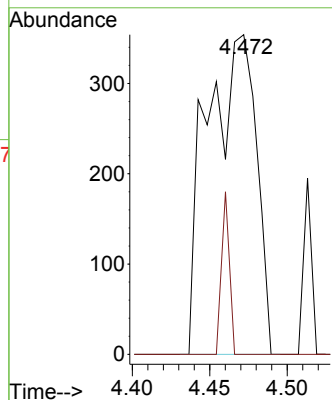
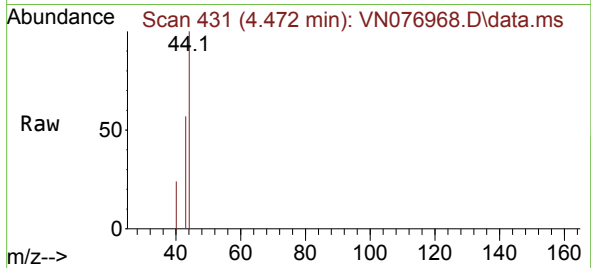




#16
Acetone
Concen: 0.392 ug/l
RT: 4.472 min Scan# 41
Delta R.T. 0.035 min
Lab File: VN076968.D
Acq: 13 Mar 2023 17:45

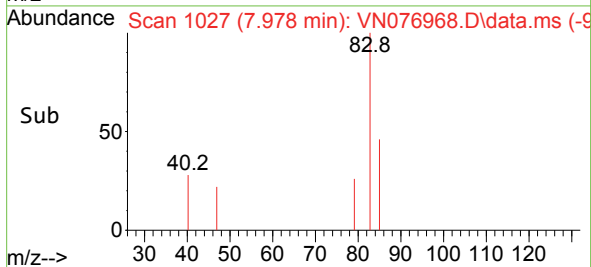
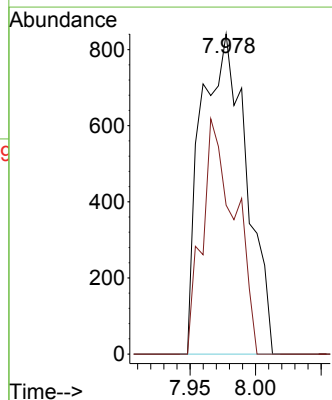
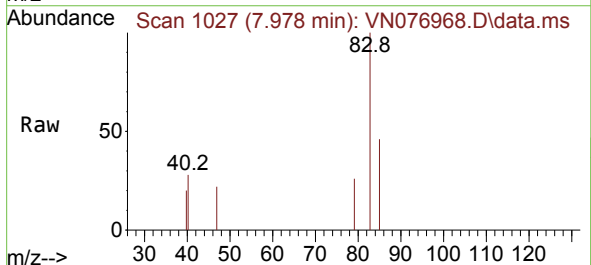
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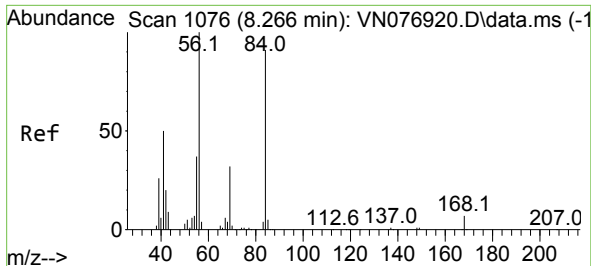
Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#30
Chloroform
Concen: 0.220 ug/l
RT: 7.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: VN076968.D
Acq: 13 Mar 2023 17:45

Tgt Ion: 83 Resp: 2023
Ion Ratio Lower Upper
83 100
85 46.5 51.3 76.9#

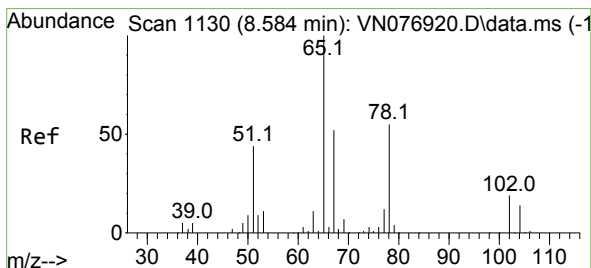
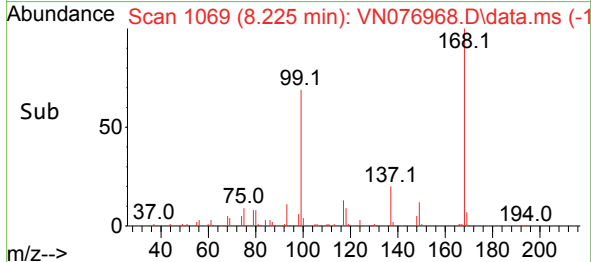
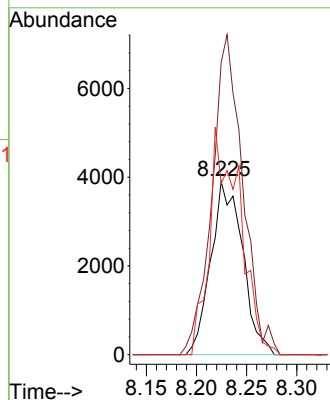
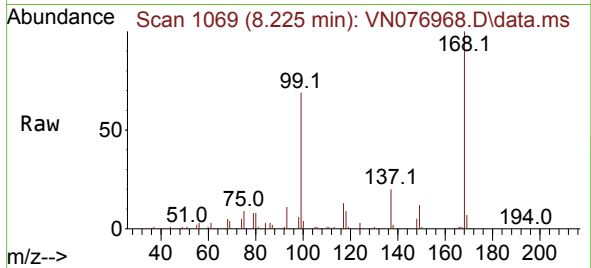




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.041 min
Lab File: VN076968.D
Acq: 13 Mar 2023 17:45

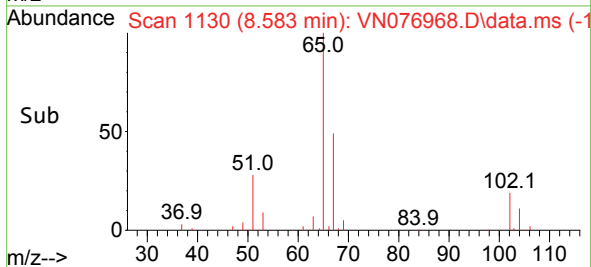
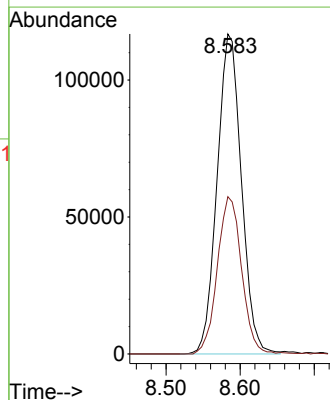
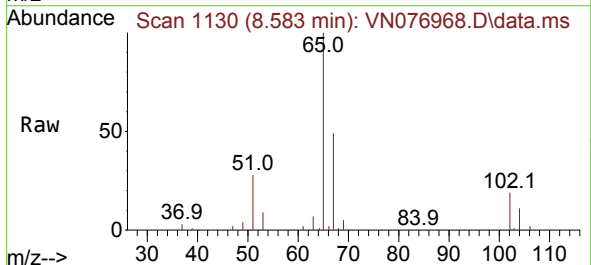
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230309

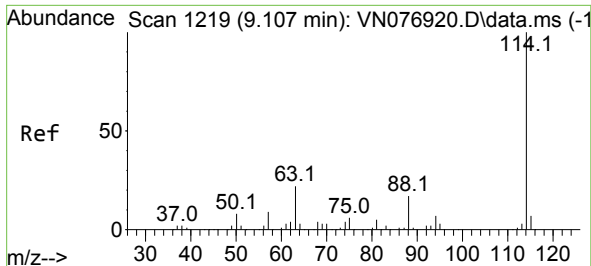
Tgt Ion: 56 Resp: 8591
Ion Ratio Lower Upper
56 100
69 168.5 27.0 40.6#
84 98.8 82.9 124.3



#33
1,2-Dichloroethane-d4
Concen: 46.617 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076968.D
Acq: 13 Mar 2023 17:45

Tgt Ion: 65 Resp: 265826
Ion Ratio Lower Upper
65 100
67 49.2 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: VN076968.D

Acq: 13 Mar 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230309

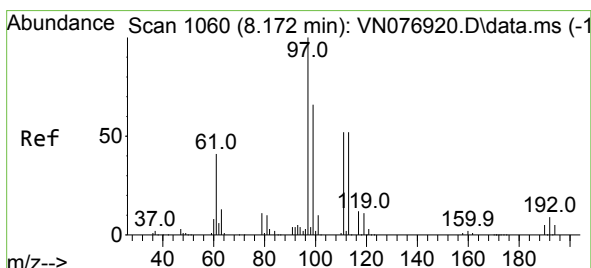
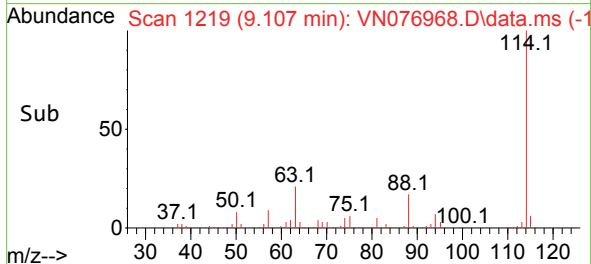
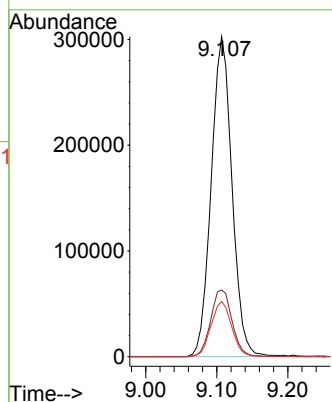
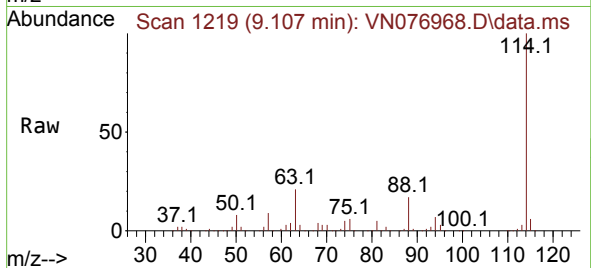
Tgt Ion:114 Resp: 614962

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.6

88 17.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 47.263 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076968.D

Acq: 13 Mar 2023 17:45

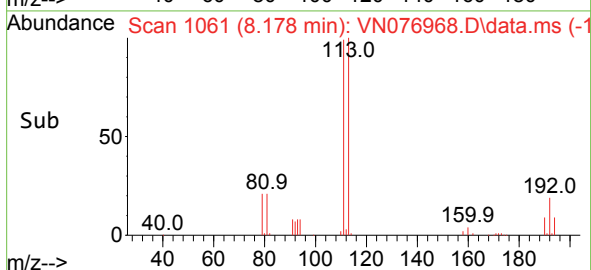
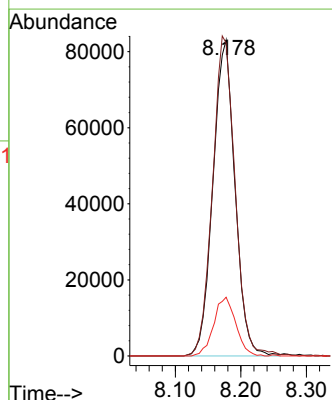
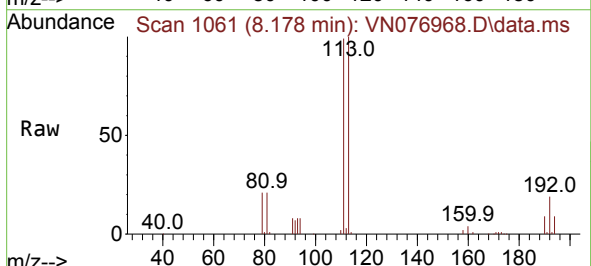
Tgt Ion:113 Resp: 193710

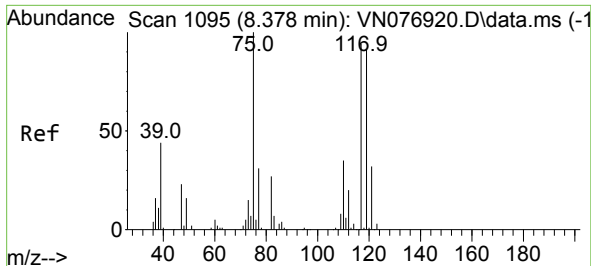
Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

192 18.6 13.9 20.9

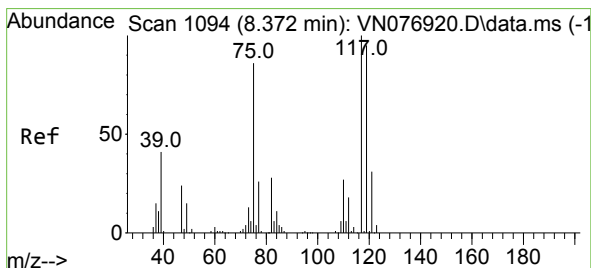
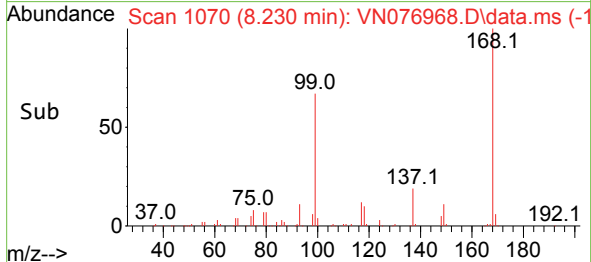
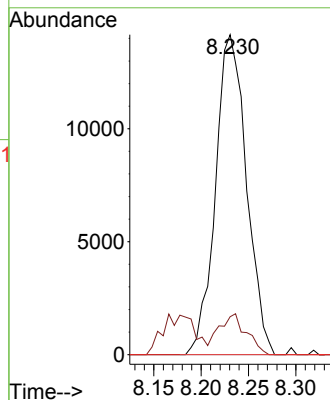
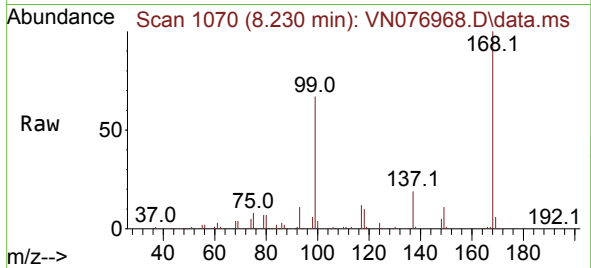




#36
1,1-Dichloropropene
Concen: 5.089 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.148 min
Lab File: VN076968.D
Acq: 13 Mar 2023 17:45

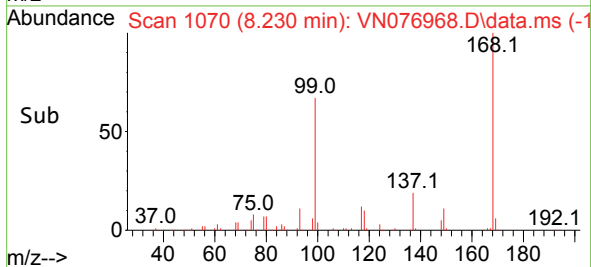
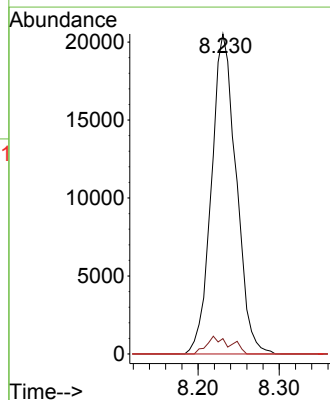
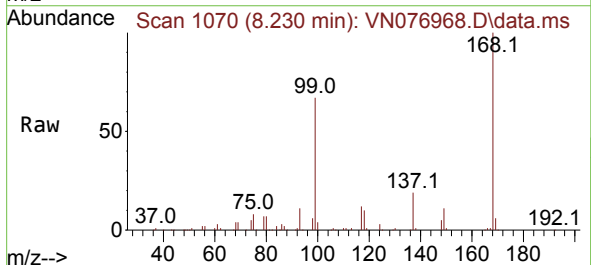
Instrument :
MSVOA_N
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TT15811-20230309

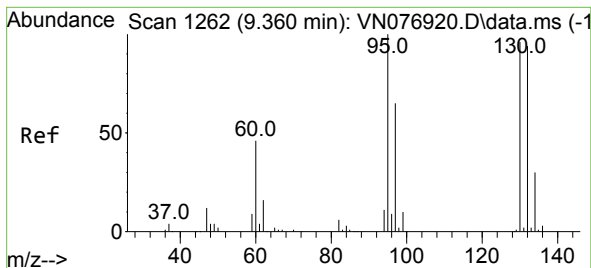
Tgt Ion: 75 Resp: 32257
Ion Ratio Lower Upper
75 100
110 11.3 18.9 56.9#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.859 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.142 min
Lab File: VN076968.D
Acq: 13 Mar 2023 17:45

Tgt Ion: 117 Resp: 43465
Ion Ratio Lower Upper
117 100
119 4.8 76.9 115.3#
121 0.0 23.2 34.8#





#44

Trichloroethene

Concen: 0.302 ug/l

RT: 9.360 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076968.D

Acq: 13 Mar 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

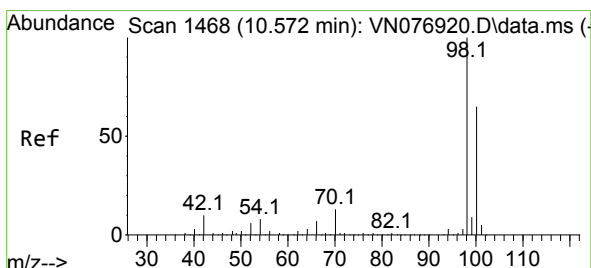
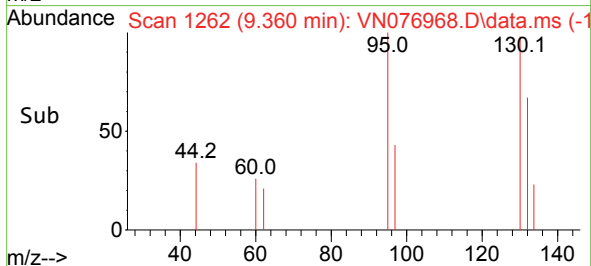
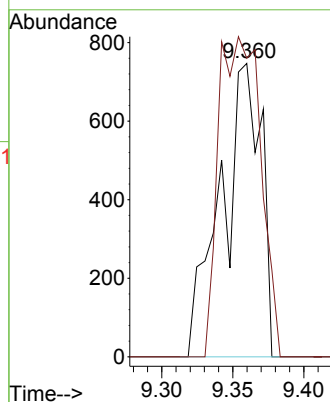
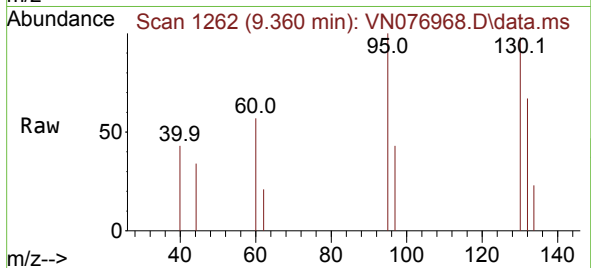
TT15811-20230309

Tgt Ion:130 Resp: 1460

Ion Ratio Lower Upper

130 100

95 101.7 0.0 208.6



#50

Toluene-d8

Concen: 47.499 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.001 min

Lab File: VN076968.D

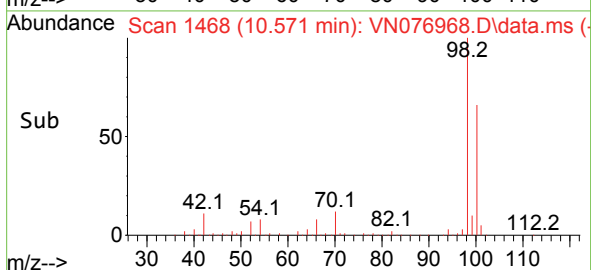
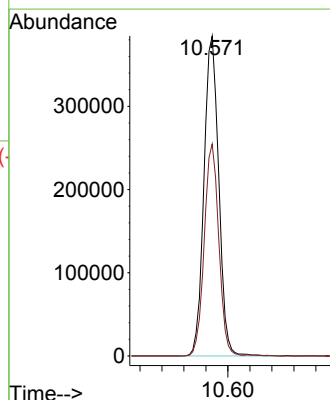
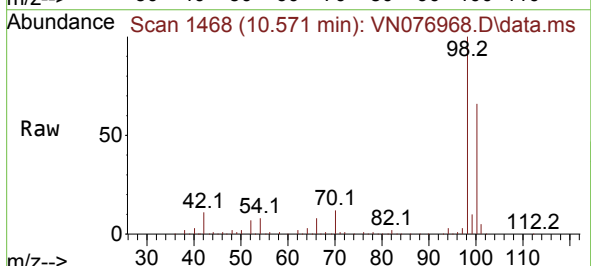
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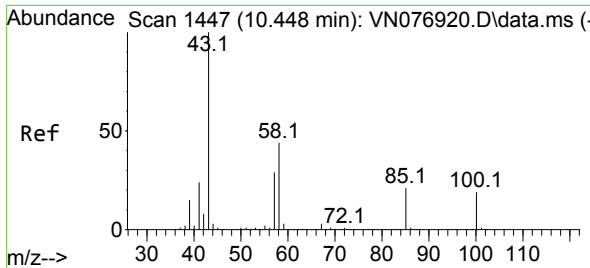
Tgt Ion: 98 Resp: 717479

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2

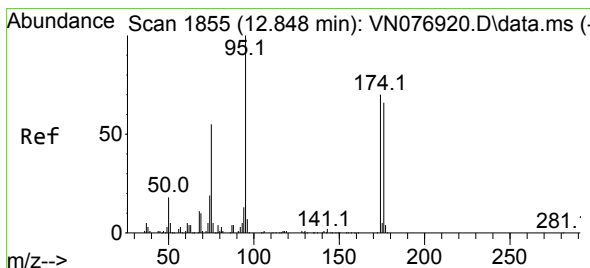
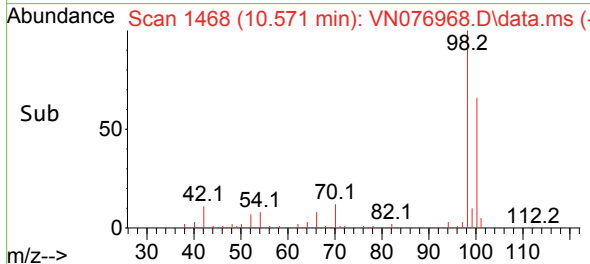
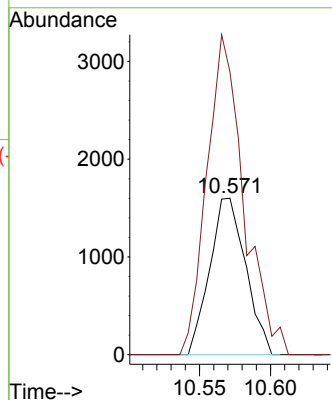
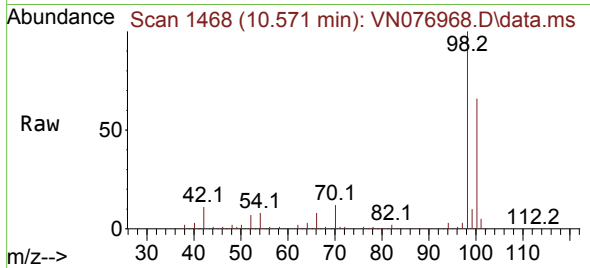




#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.123 min
Lab File: VN076968.D
Acq: 13 Mar 2023 17:45

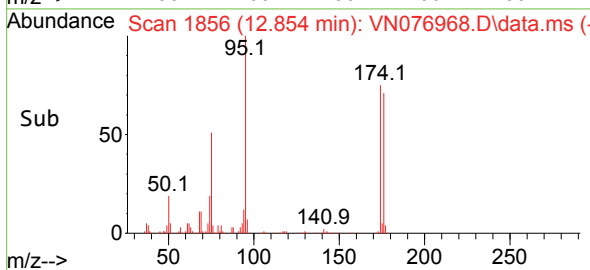
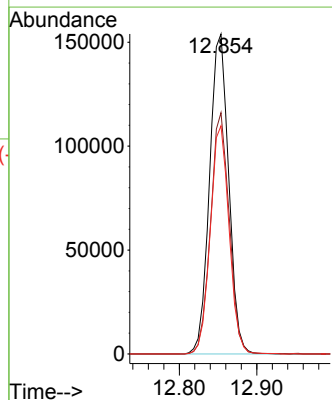
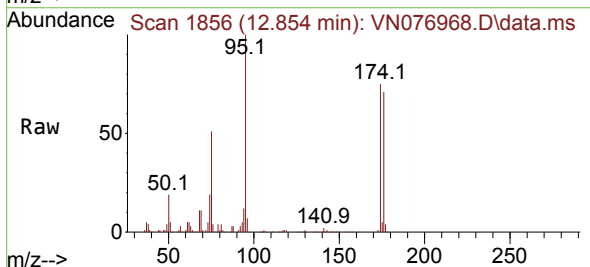
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230309

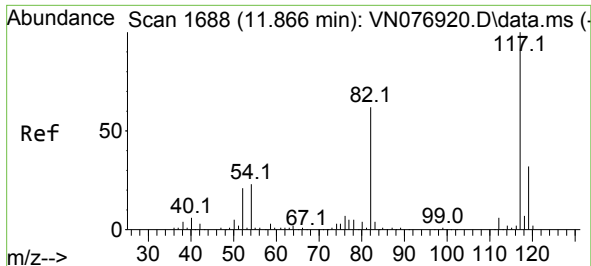
Tgt Ion: 43 Resp: 2819
Ion Ratio Lower Upper
43 100
58 210.1 37.4 56.0#



#62
4-Bromofluorobenzene
Concen: 47.811 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076968.D
Acq: 13 Mar 2023 17:45

Tgt Ion: 95 Resp: 264153
Ion Ratio Lower Upper
95 100
174 74.2 0.0 162.4
176 70.1 0.0 157.4

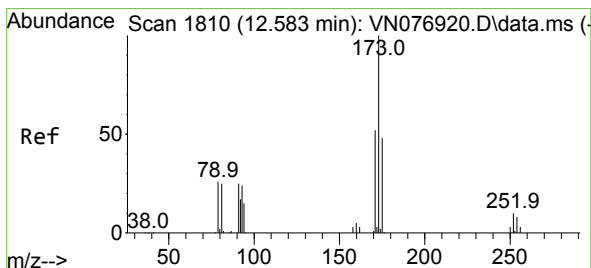
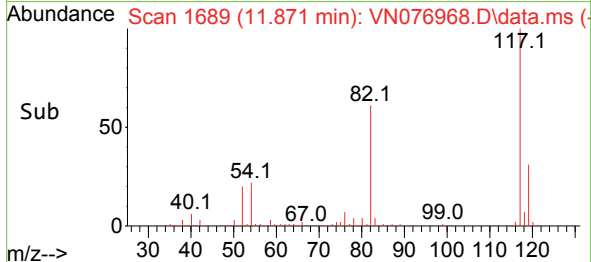
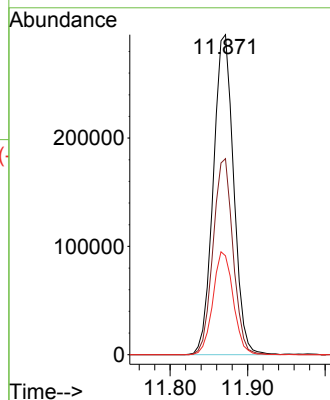
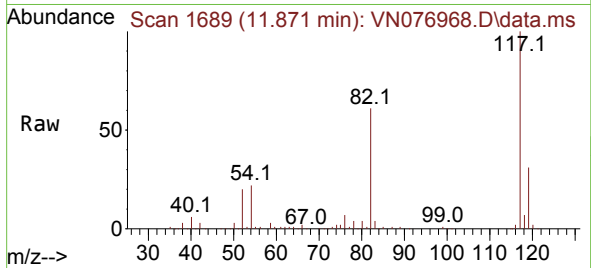




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076968.D
Acq: 13 Mar 2023 17:45

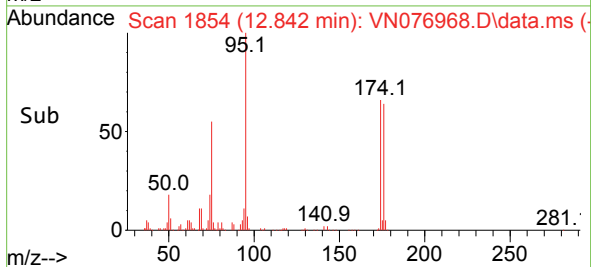
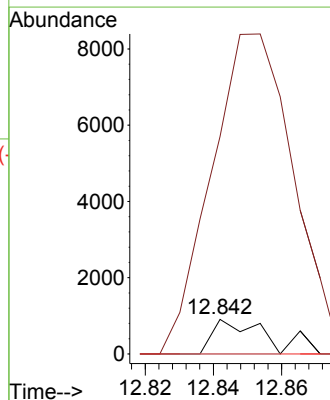
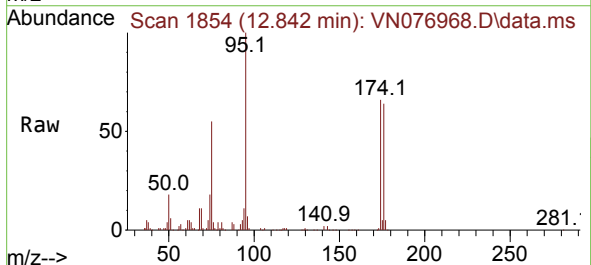
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230309

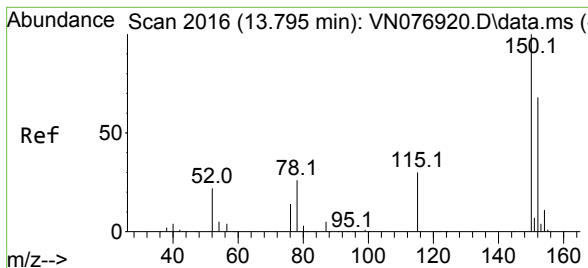
Tgt Ion:117 Resp: 539368
Ion Ratio Lower Upper
117 100
82 61.3 43.5 65.3
119 30.9 25.5 38.3



#71
Bromoform
Concen: 0.237 ug/l
RT: 12.842 min Scan# 1854
Delta R.T. 0.259 min
Lab File: VN076968.D
Acq: 13 Mar 2023 17:45

Tgt Ion:173 Resp: 810
Ion Ratio Lower Upper
173 100
175 1475.3 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# 20

Delta R.T. -0.000 min

Lab File: VN076968.D

Acq: 13 Mar 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230309

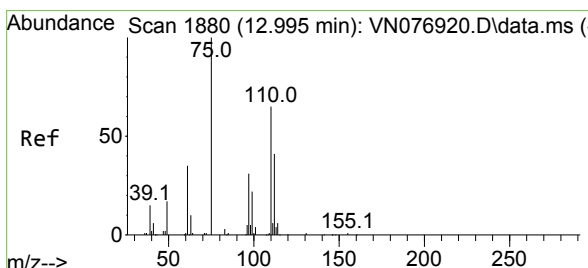
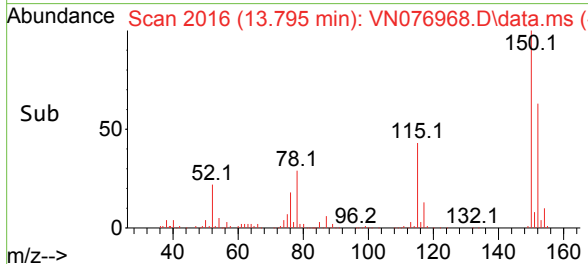
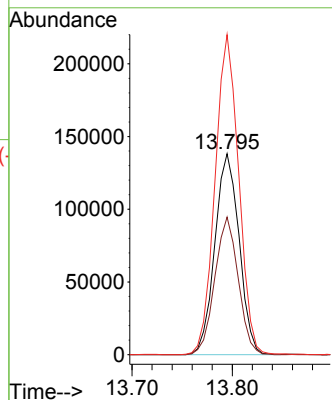
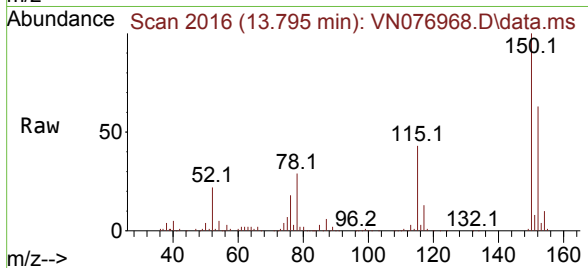
Tgt Ion:152 Resp: 232188

Ion Ratio Lower Upper

152 100

115 66.0 30.3 90.9

150 155.4 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 25.631 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.147 min

Lab File: VN076968.D

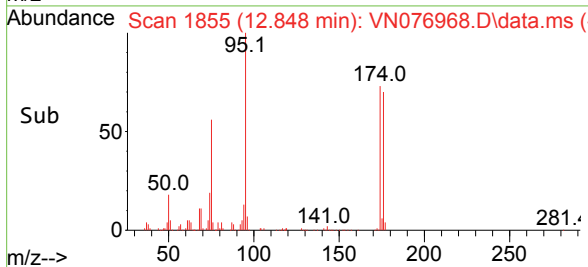
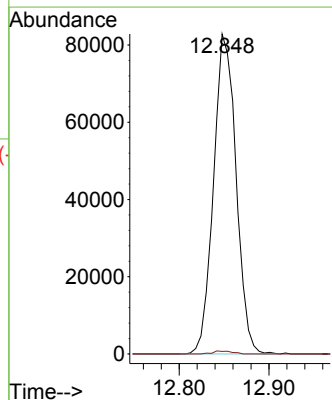
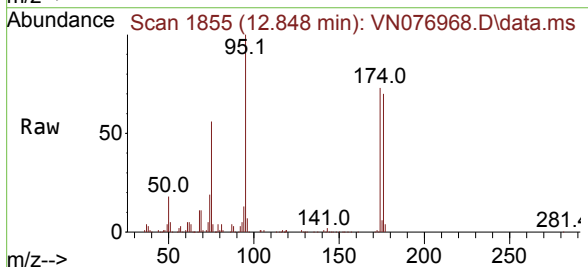
Acq: 13 Mar 2023 17:45

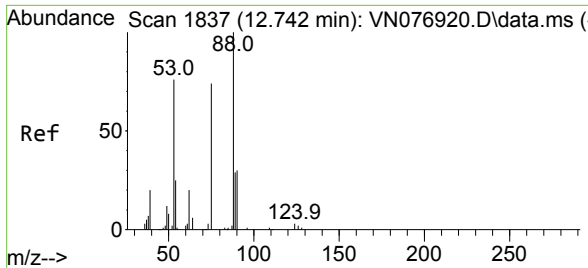
Tgt Ion: 75 Resp: 144284

Ion Ratio Lower Upper

75 100

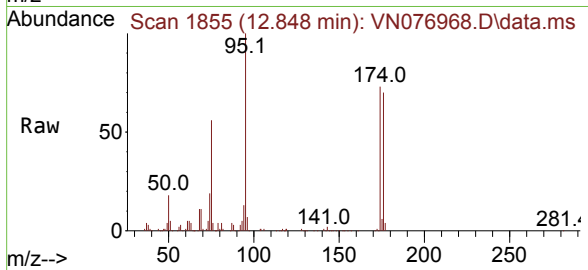
77 0.8 93.8 281.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.724 ug/l
 RT: 12.848 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN076968.D
 Acq: 13 Mar 2023 17:45

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230309



Tgt Ion: 75 Resp: 144284
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.1 39.5 59.3#

