

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071012.D
 Acq On : 18 Feb 2022 19:51
 Operator : JC\MD
 Sample : N1599-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2022-02-16

Quant Time: Feb 19 04:11:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

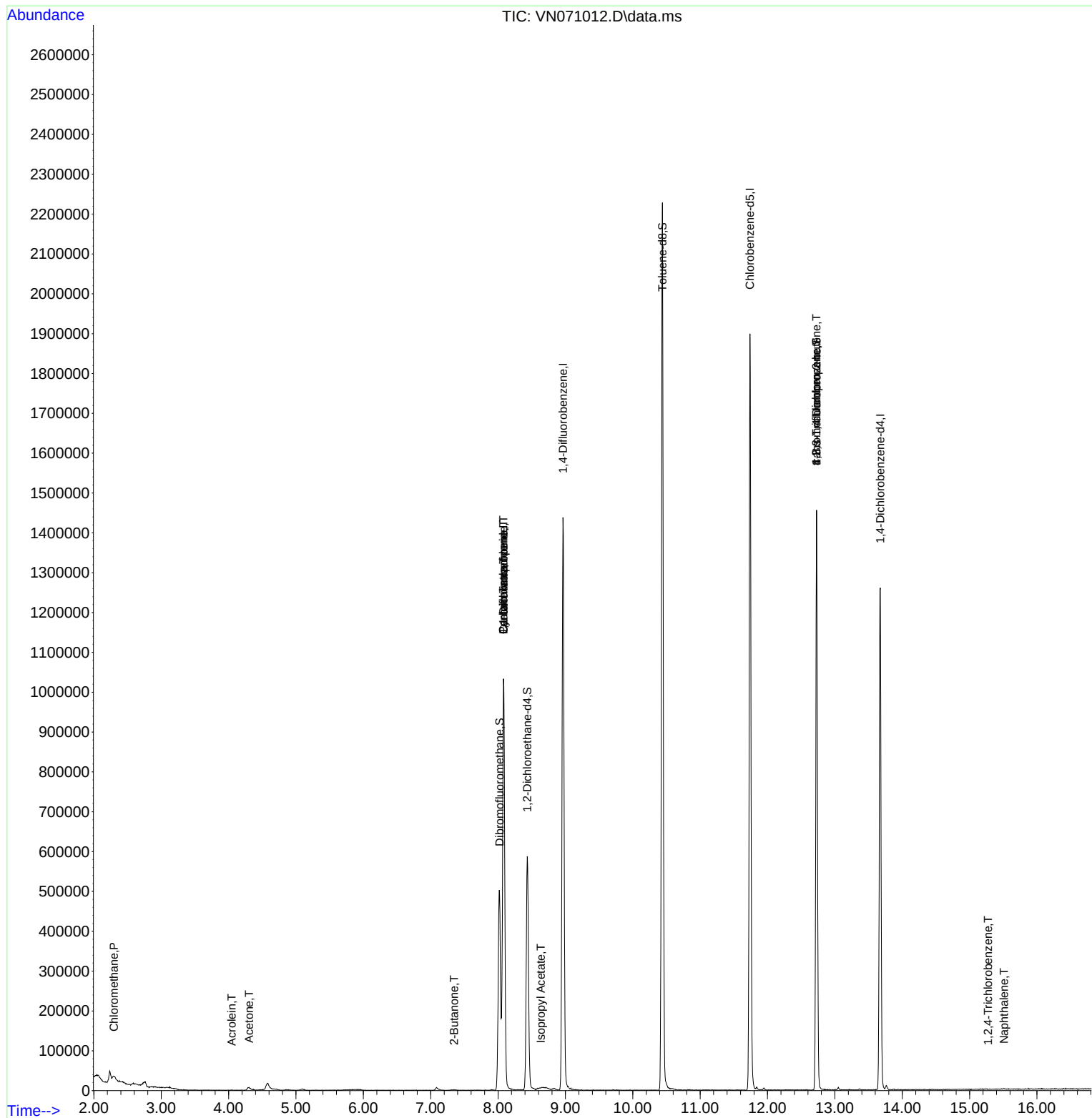
Internal Standards						
1) Pentafluorobenzene	8.081	168	815172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1278677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1118882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	368444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	485524	52.140	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.280%			
35) Dibromofluoromethane	8.022	113	377697	49.661	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.320%			
50) Toluene-d8	10.439	98	1543068	50.521	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.040%			
62) 4-Bromofluorobenzene	12.727	95	493632	45.215	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.420%			
Target Compounds						Qvalue
3) Chloromethane	2.299	50	2892	0.272	ug/l	92
13) Acrolein	4.046	56	406	0.268	ug/l	95
16) Acetone	4.304	43	10504	2.048	ug/l	95
18) Methyl Acetate	4.851	43	3262	Below Cal	#	66
25) 2-Butanone	7.345	43	2287	0.335	ug/l #	83
31) Cyclohexane	8.081	56	16012	0.994	ug/l #	5
36) 1,1-Dichloropropene	8.081	75	62130	4.986	ug/l #	49
38) Carbon Tetrachloride	8.081	117	78523	6.396	ug/l #	17
43) Isopropyl Acetate	8.634	43	6623	0.314	ug/l #	55
76) 1,2,3-Trichloropropane	12.727	75	247845	28.570	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	247845	92.579	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.274	180	144	2.019	ug/l #	65
95) Naphthalene	15.510	128	1914	5.094	ug/l #	77

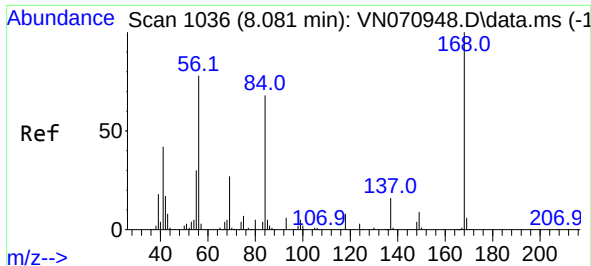
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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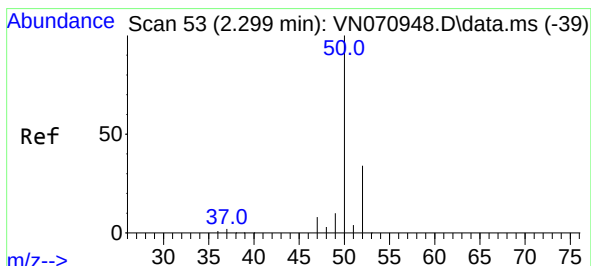
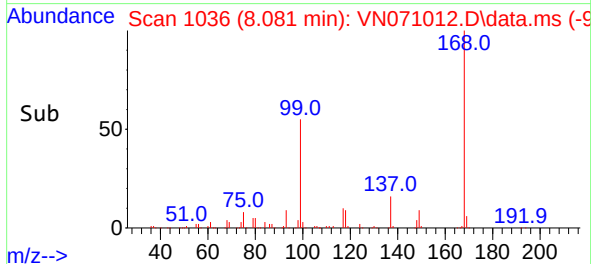
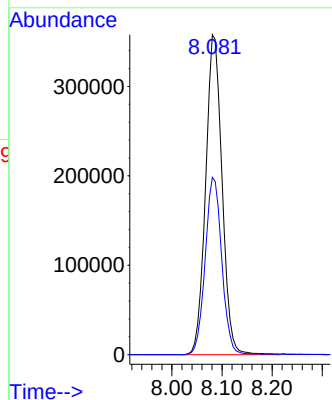
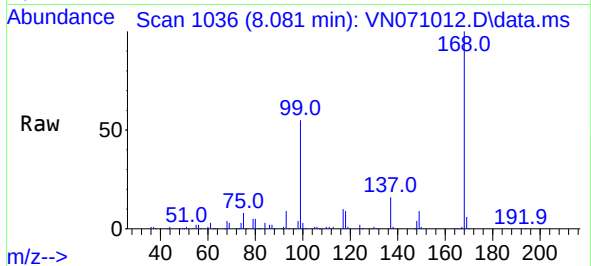




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

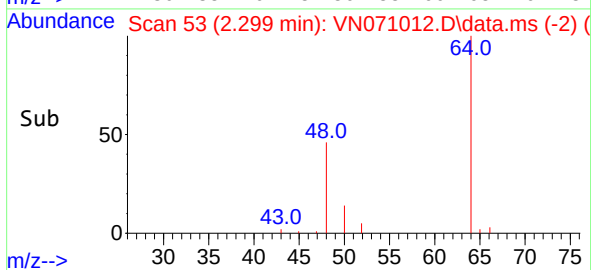
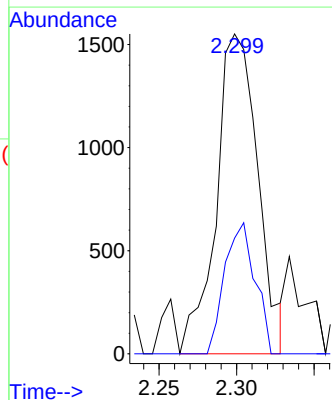
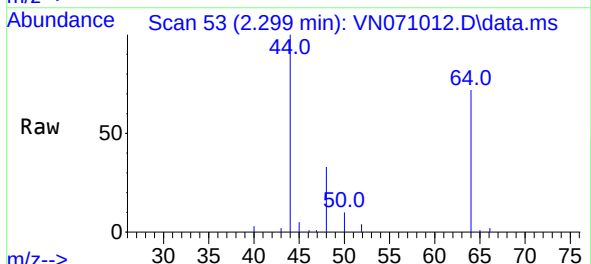
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-02-16

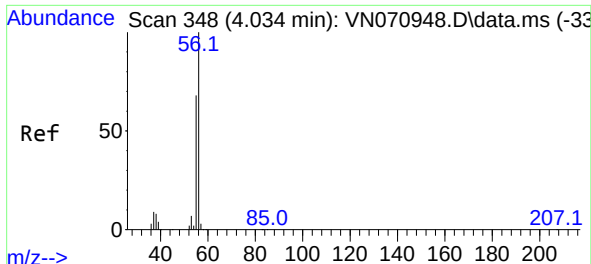
Tgt Ion:168 Resp: 815172
Ion Ratio Lower Upper
168 100
99 55.4 41.3 61.9



#3
Chloromethane
Concen: 0.272 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

Tgt Ion: 50 Resp: 2892
Ion Ratio Lower Upper
50 100
52 36.2 25.4 38.0

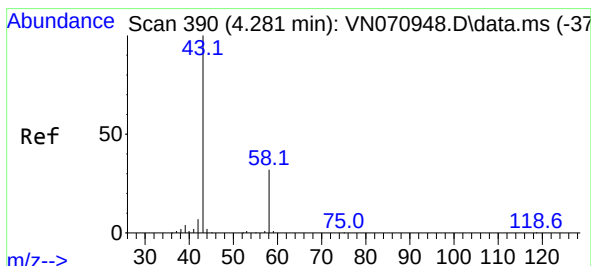
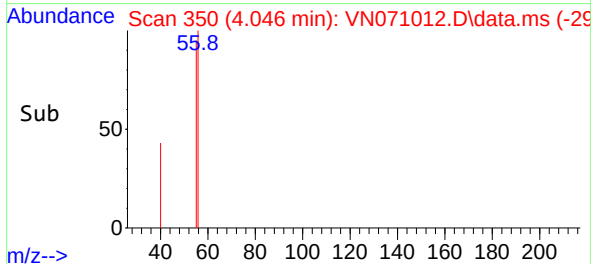
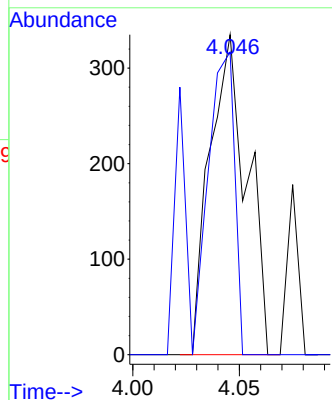
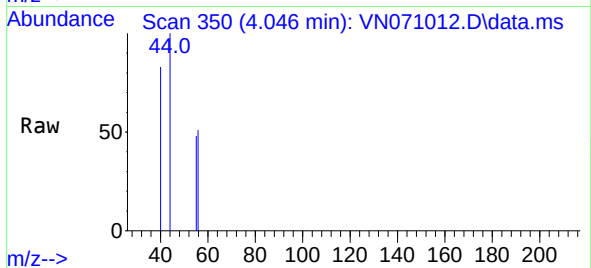




#13
Acrolein
Concen: 0.268 ug/l
RT: 4.046 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

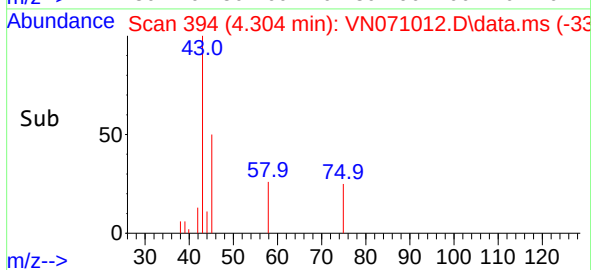
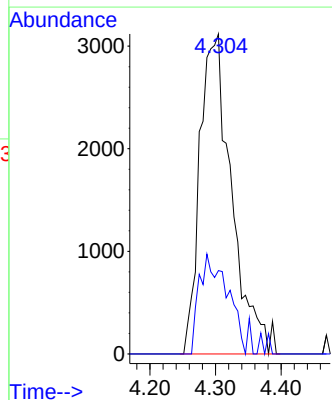
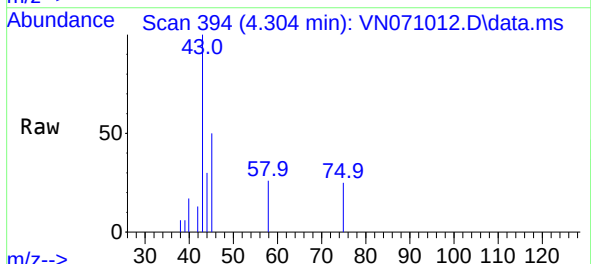
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-02-16

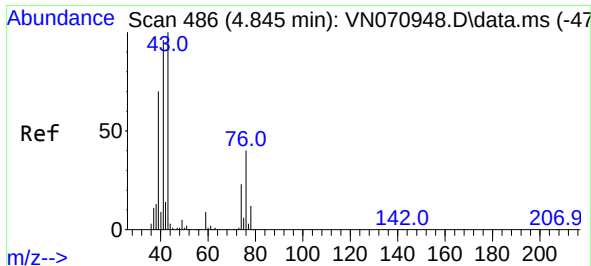
Tgt Ion: 56 Resp: 406
Ion Ratio Lower Upper
56 100
55 66.7 56.6 85.0



#16
Acetone
Concen: 2.048 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.024 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

Tgt Ion: 43 Resp: 10504
Ion Ratio Lower Upper
43 100
58 26.1 23.1 34.7

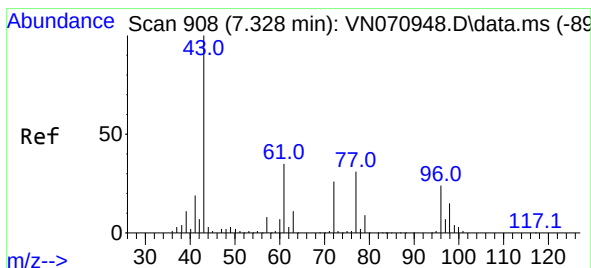
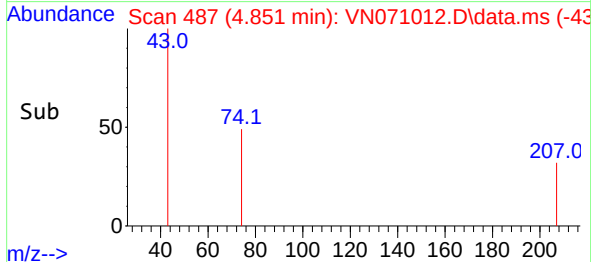
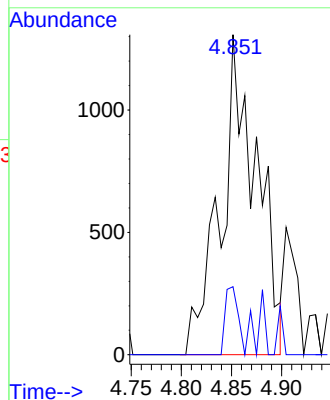
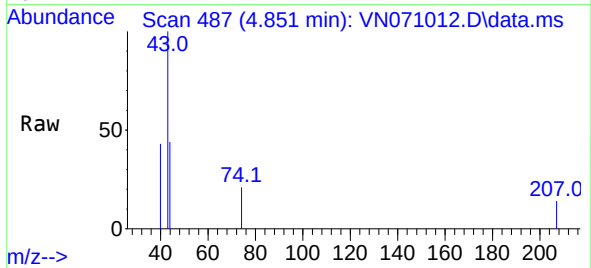




#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

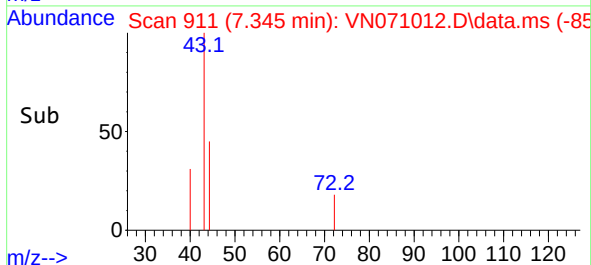
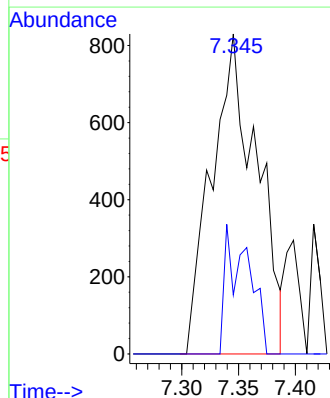
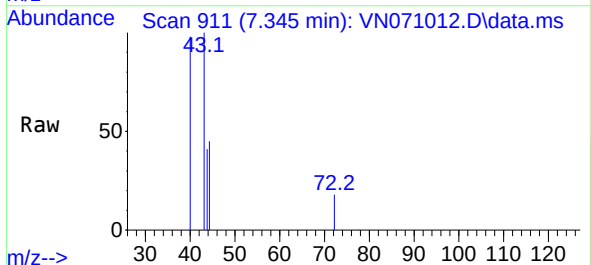
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-02-16

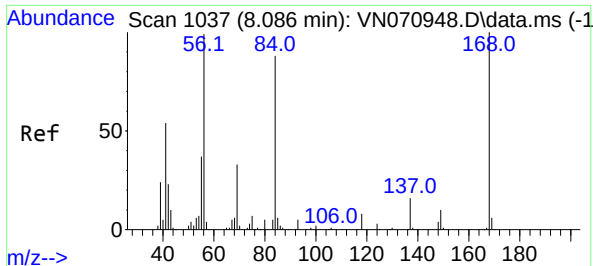
Tgt Ion: 43 Resp: 3262
Ion Ratio Lower Upper
43 100
74 7.5 19.4 29.2#



#25
2-Butanone
Concen: 0.335 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

Tgt Ion: 43 Resp: 2287
Ion Ratio Lower Upper
43 100
72 18.4 21.7 32.5#

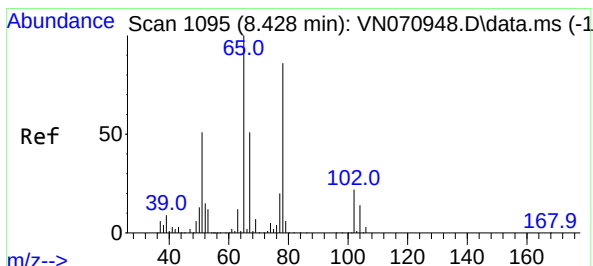
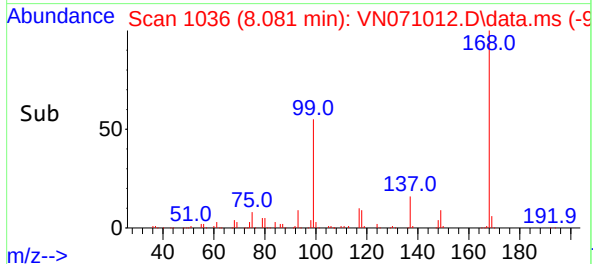
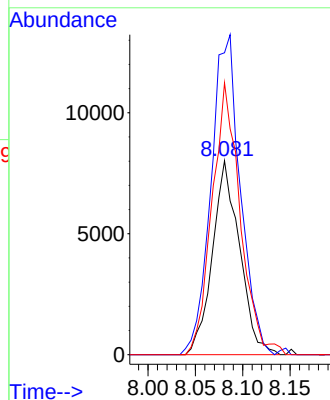
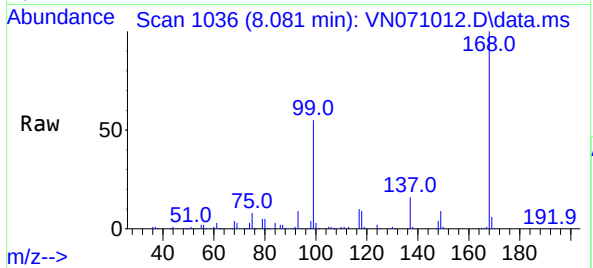




#31
Cyclohexane
Concen: 0.994 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

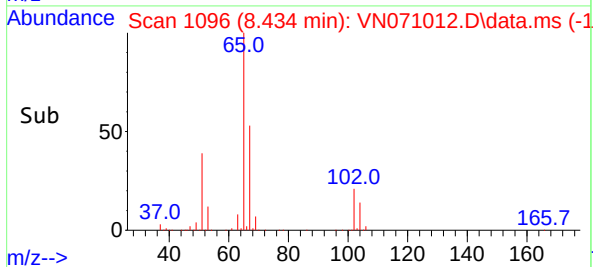
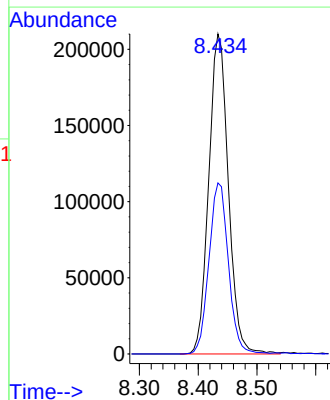
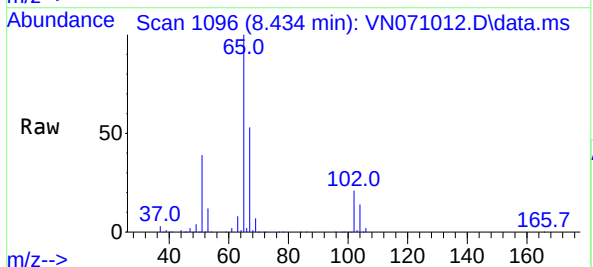
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-02-16

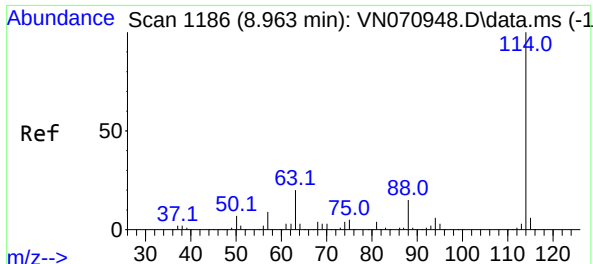
Tgt Ion: 56 Resp: 16012
Ion Ratio Lower Upper
56 100
69 155.7 27.1 40.7#
84 140.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.140 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

Tgt Ion: 65 Resp: 485524
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071012.D

Acq: 18 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

TB-2022-02-16

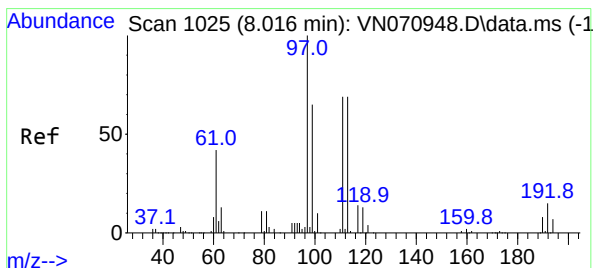
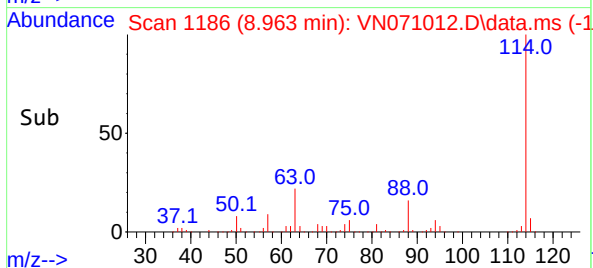
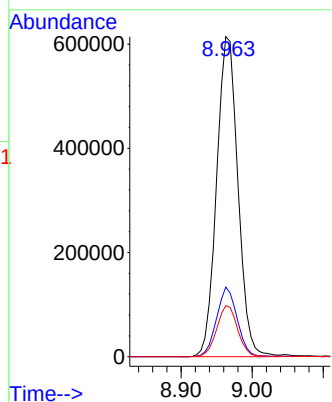
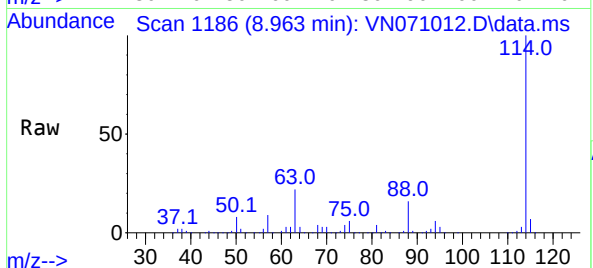
Tgt Ion:114 Resp: 1278677

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 15.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.661 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071012.D

Acq: 18 Feb 2022 19:51

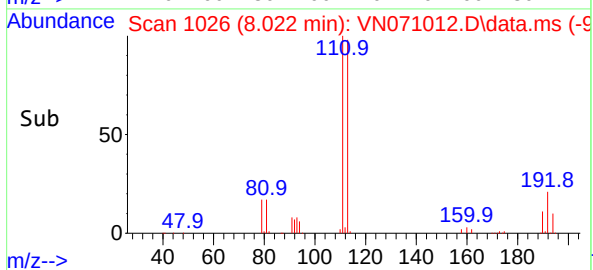
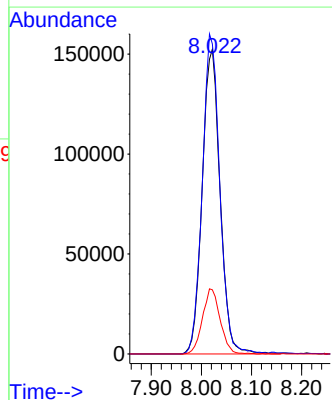
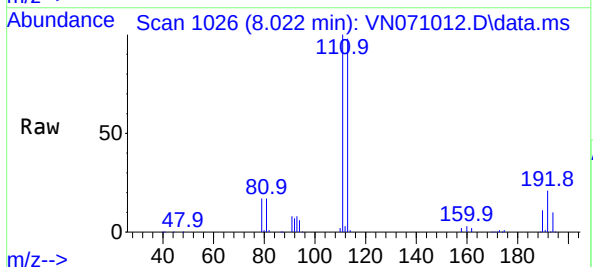
Tgt Ion:113 Resp: 377697

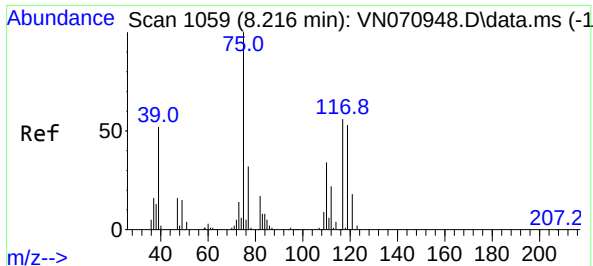
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 21.1 16.9 25.3

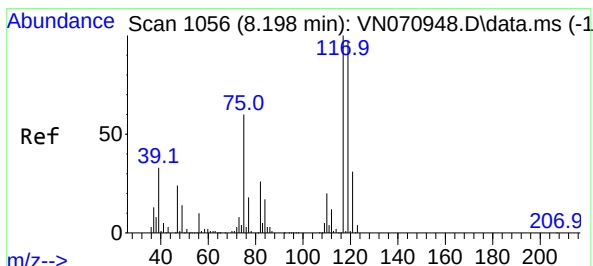
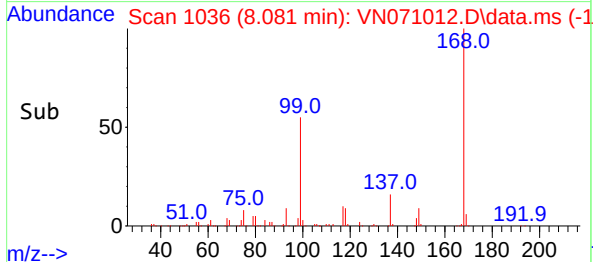
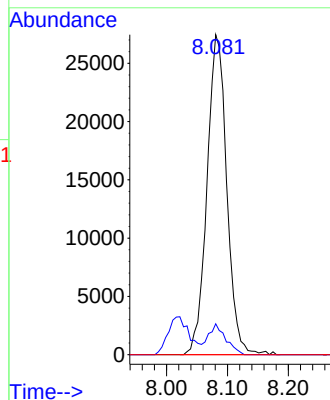
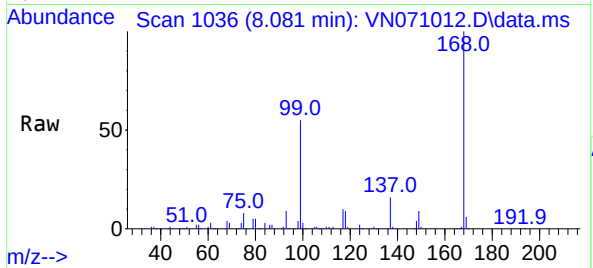




#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

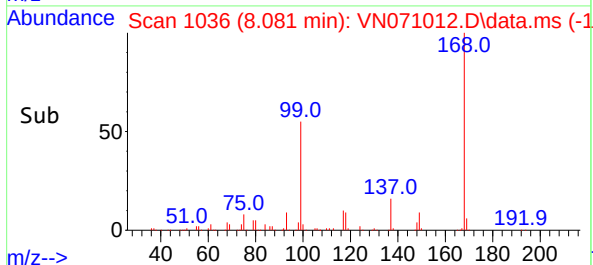
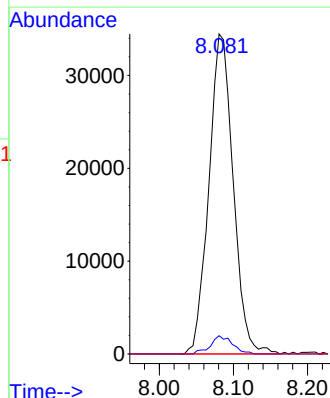
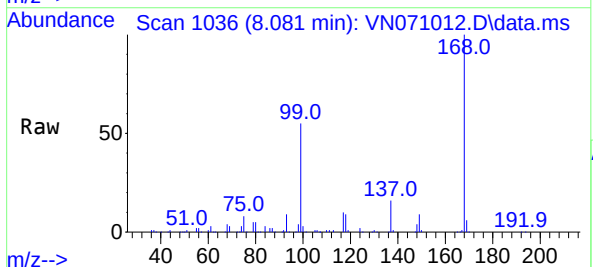
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TB-2022-02-16

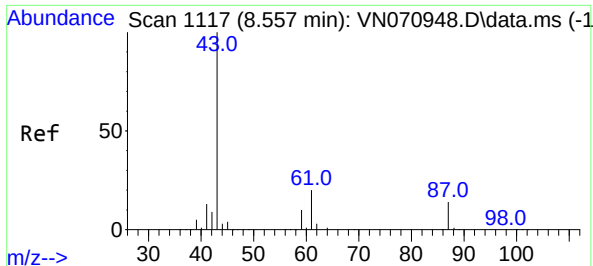
Tgt Ion: 75 Resp: 62130
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.396 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.118 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

Tgt Ion: 117 Resp: 78523
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.2 36.2#

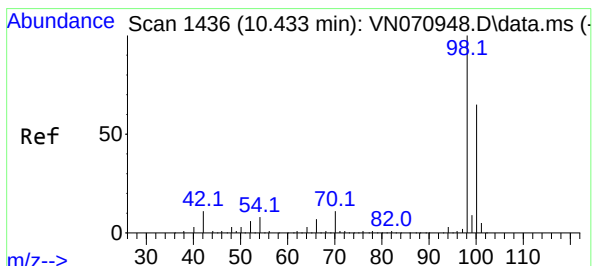
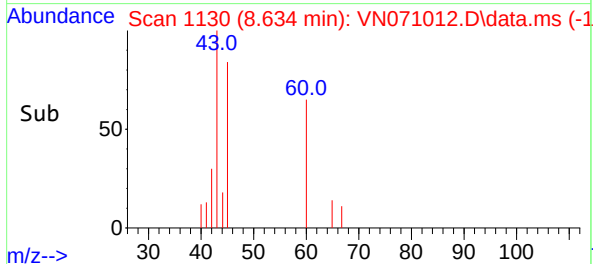
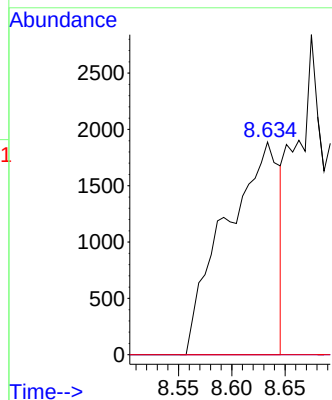
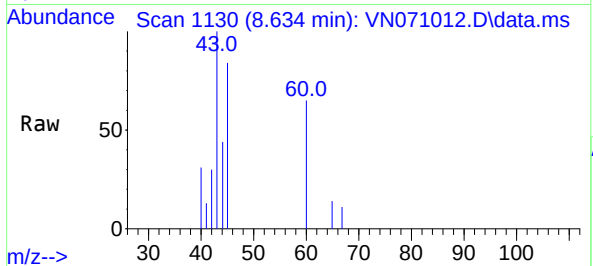




#43
Isopropyl Acetate
Concen: 0.314 ug/l
RT: 8.634 min Scan# 1117
Delta R.T. 0.077 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

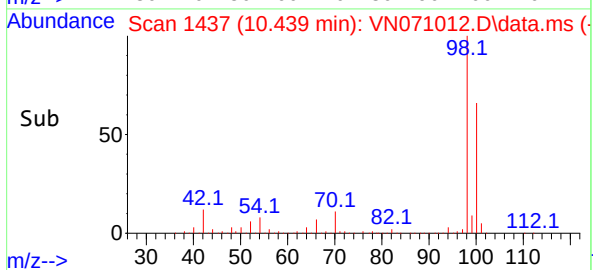
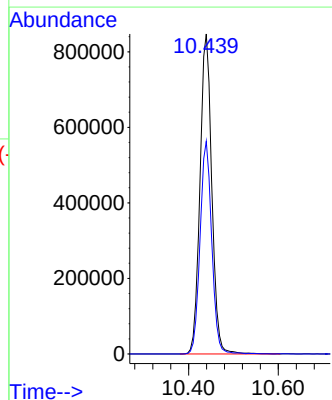
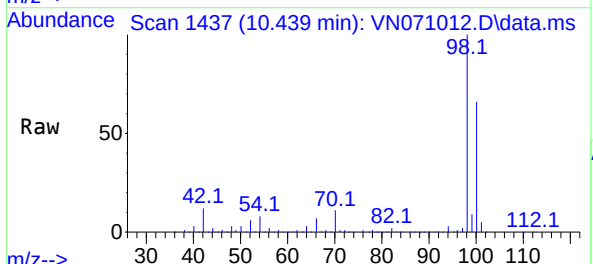
Instrument :
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TB-2022-02-16

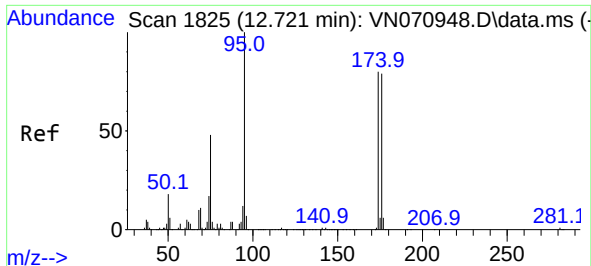
Tgt Ion: 43 Resp: 6623
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 50.521 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

Tgt Ion: 98 Resp: 1543068
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 45.215 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN071012.D

Acq: 18 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

TB-2022-02-16

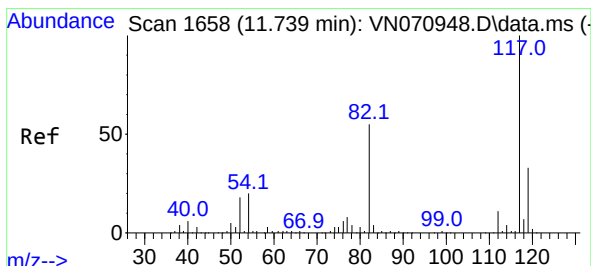
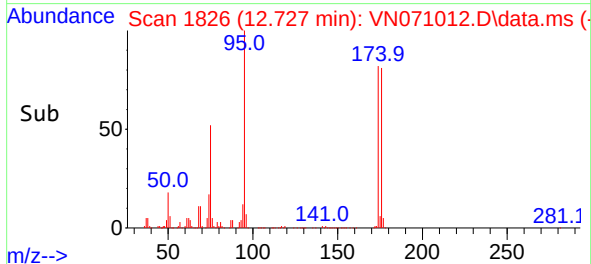
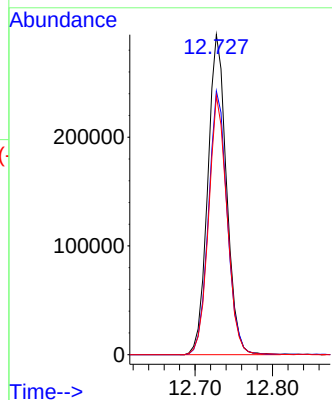
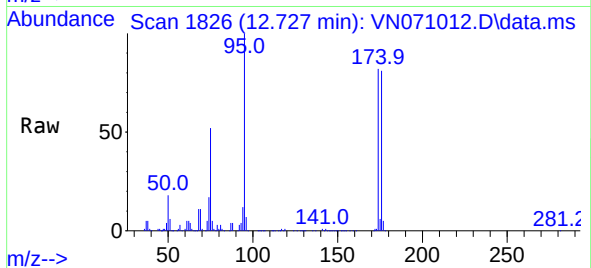
Tgt Ion: 95 Resp: 493632

Ion Ratio Lower Upper

95 100

174 82.2 0.0 187.2

176 79.7 0.0 181.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VN071012.D

Acq: 18 Feb 2022 19:51

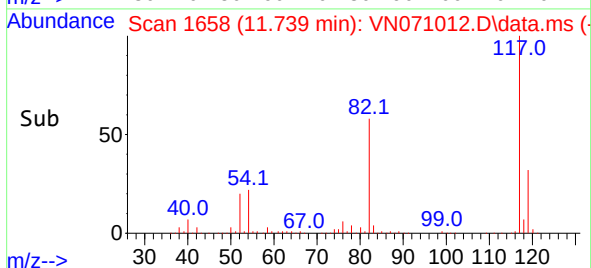
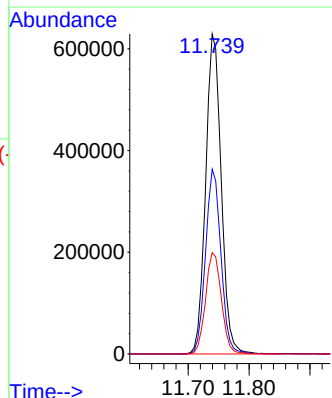
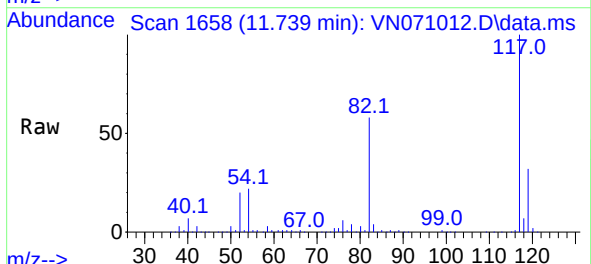
Tgt Ion: 117 Resp: 1118882

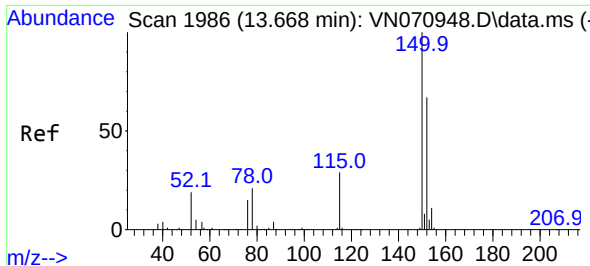
Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

119 31.6 25.4 38.2

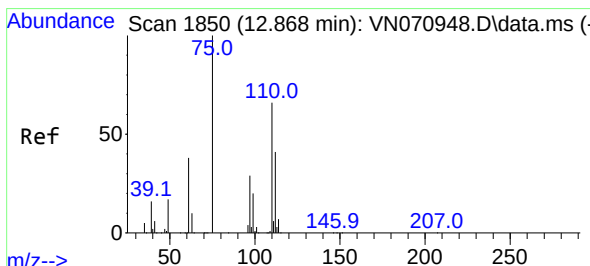
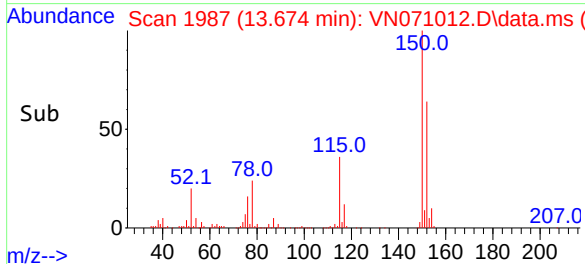
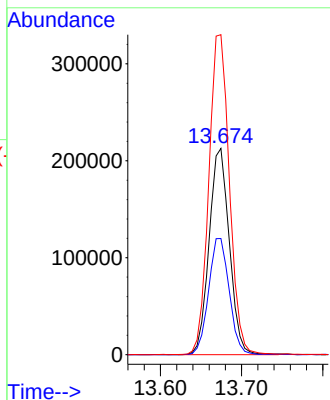
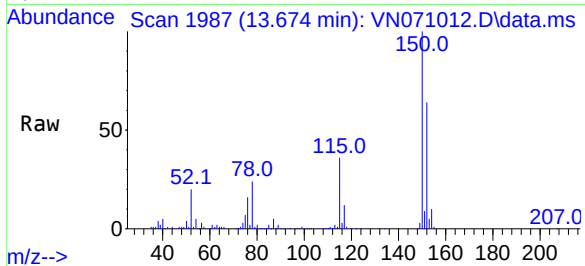




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

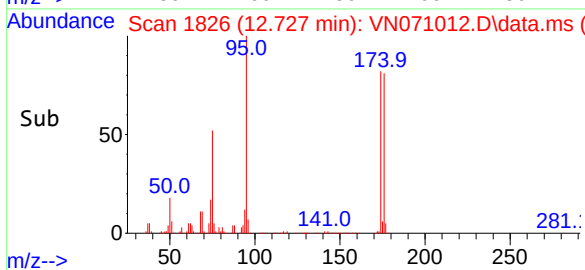
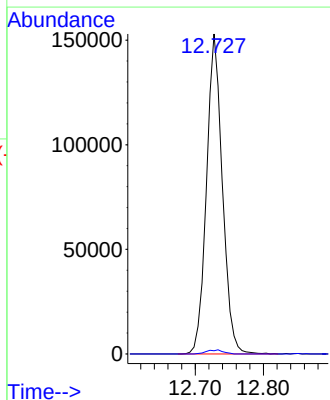
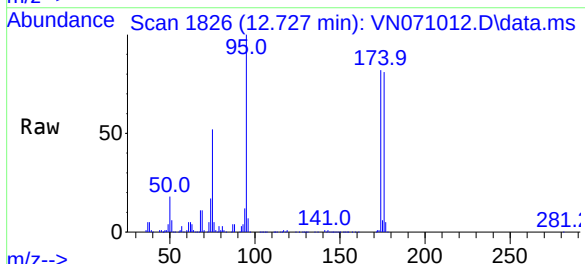
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-02-16

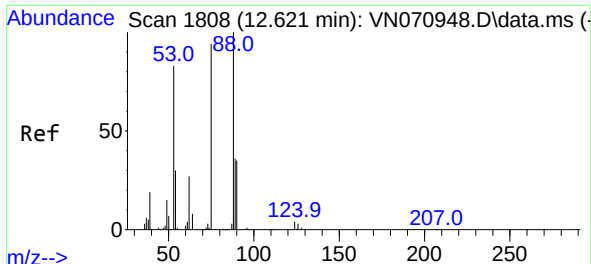
Tgt Ion:152 Resp: 368444
Ion Ratio Lower Upper
152 100
115 57.6 27.5 82.5
150 158.1 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 28.570 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

Tgt Ion: 75 Resp: 247845
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

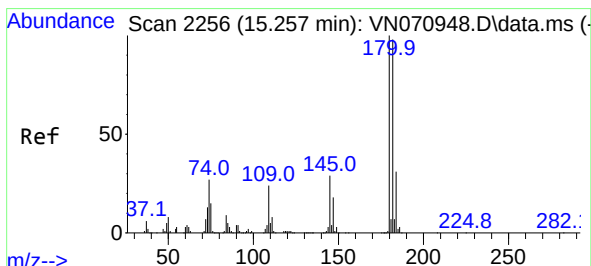
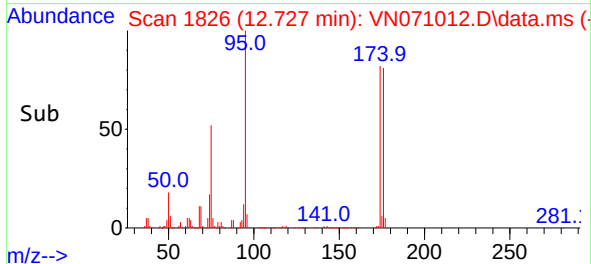
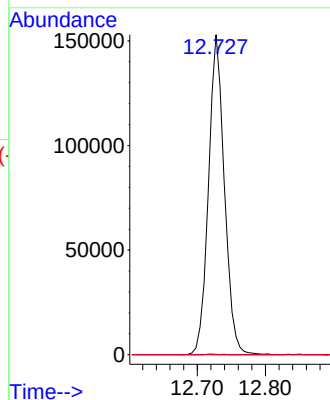
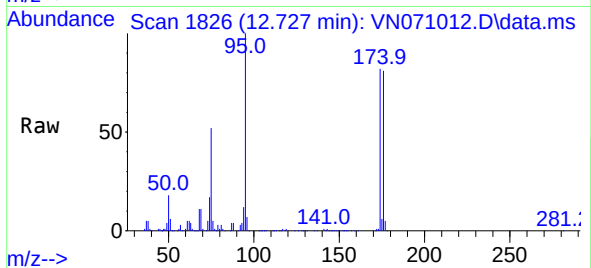




#81
trans-1,4-Dichloro-2-butene
Concen: 92.579 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

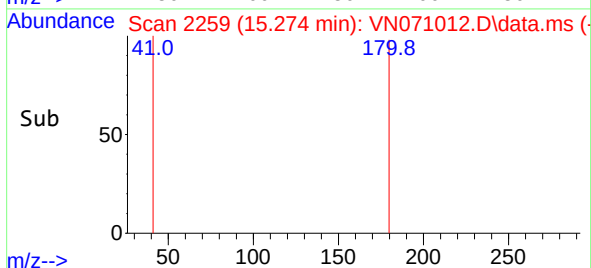
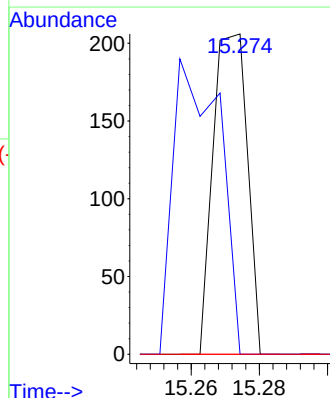
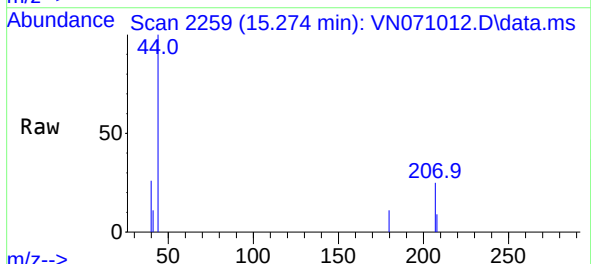
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-02-16

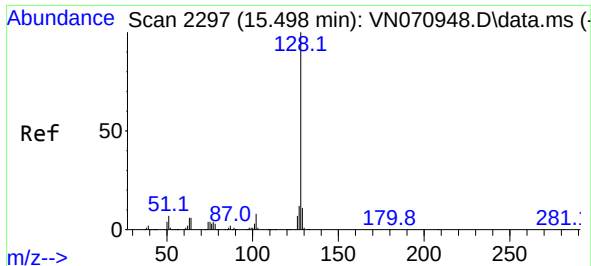
Tgt Ion: 75 Resp: 247845
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.019 ug/l
RT: 15.274 min Scan# 2259
Delta R.T. 0.017 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

Tgt Ion:180 Resp: 144
Ion Ratio Lower Upper
180 100
182 125.0 48.3 144.9
145 0.0 14.5 43.5#





#95
Naphthalene
Concen: 5.094 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN071012.D
Acq: 18 Feb 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
TB-2022-02-16

Tgt Ion:128 Resp: 1914
Ion Ratio Lower Upper
128 100
127 3.1 10.5 15.7#
129 3.4 8.7 13.1#

