

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075653.D
 Acq On : 08 Dec 2022 17:20
 Operator : JC\MD
 Sample : N5879-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 09 02:10:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

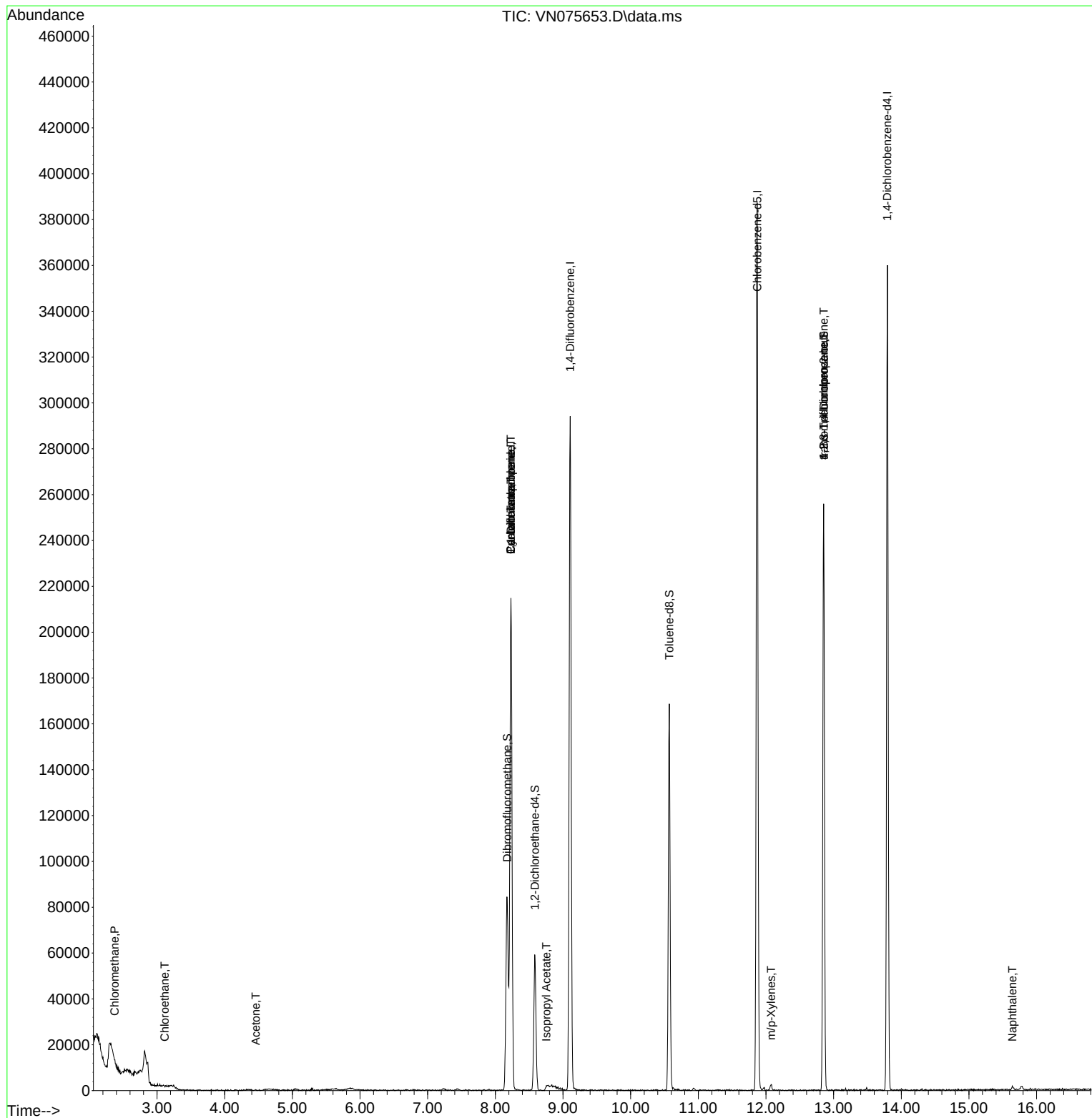
Internal Standards							
1) Pentafluorobenzene		8.230	168	171339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.106	114	278761	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.871	117	242836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.794	152	102802	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.583	65	47233	51.356	ug/l	0.00
Spiked Amount 50.000		Range 74 - 125		Recovery	= 102.720%		
35) Dibromofluoromethane		8.177	113	61459	56.124	ug/l	0.00
Spiked Amount 50.000		Range 75 - 124		Recovery	= 112.240%		
50) Toluene-d8		10.571	98	120352	48.797	ug/l	0.00
Spiked Amount 50.000		Range 86 - 113		Recovery	= 97.600%		
62) 4-Bromofluorobenzene		12.853	95	86741	47.648	ug/l	0.00
Spiked Amount 50.000		Range 83 - 123		Recovery	= 95.300%		
Target Compounds						Qvalue	
3) Chloromethane		2.371	50	439	0.269	ug/l #	42
6) Chloroethane		3.112	64	481	0.309	ug/l #	45
16) Acetone		4.459	43	403	0.470	ug/l #	43
18) Methyl Acetate		5.059	43	1558	Below Cal	#	54
20) Methylene Chloride		5.295	84	347	Below Cal	#	61
31) Cyclohexane		8.230	56	2892	0.990	ug/l #	16
36) 1,1-Dichloropropene		8.230	75	12122	5.076	ug/l #	49
38) Carbon Tetrachloride		8.230	117	17119	6.526	ug/l #	16
43) Isopropyl Acetate		8.753	43	1158	0.336	ug/l #	53
68) m/p-Xylenes		12.076	106	1314	0.378	ug/l	98
76) 1,2,3-Trichloropropane		12.853	75	43309	22.282	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.853	75	43309	65.926	ug/l #	10
95) Naphthalene		15.641	128	2079	0.377	ug/l #	84

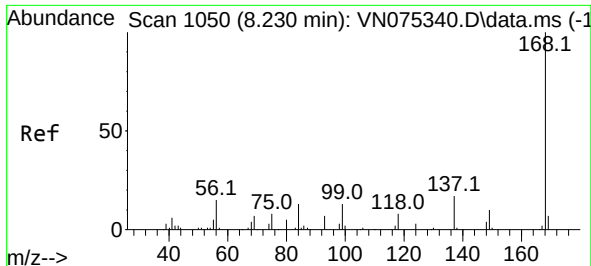
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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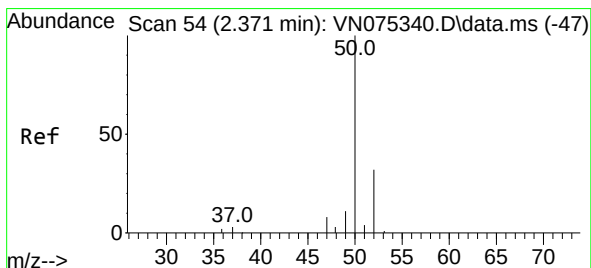
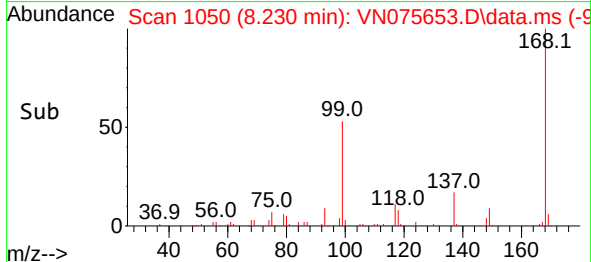
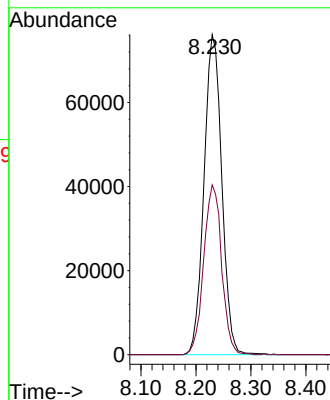
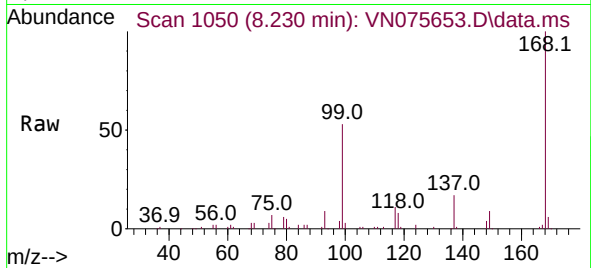




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

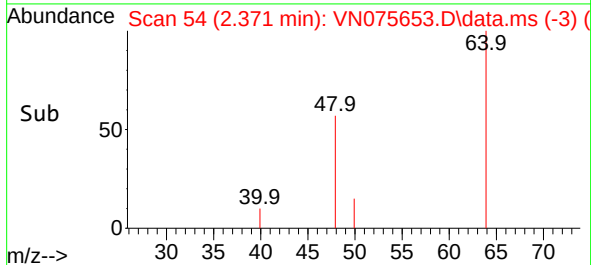
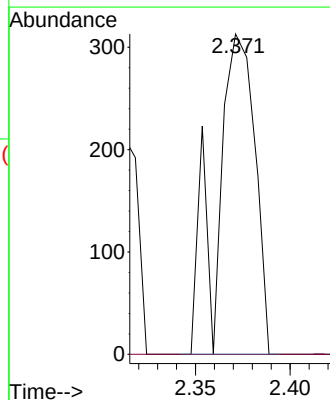
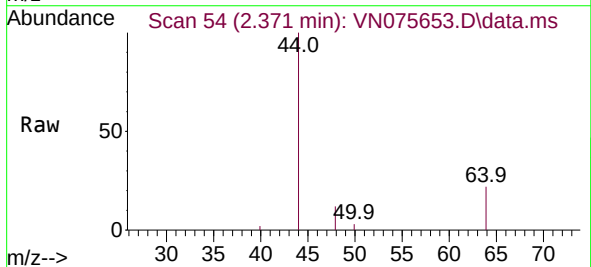
Instrument :
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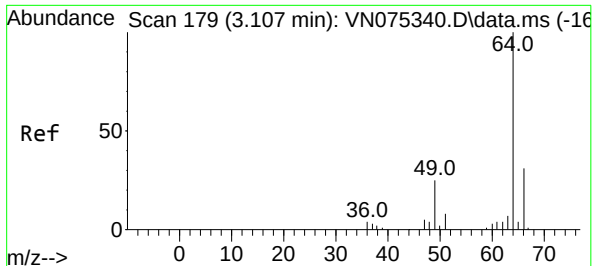
Tgt Ion:168 Resp: 171339
Ion Ratio Lower Upper
168 100
99 53.1 51.6 77.4



#3
Chloromethane
Concen: 0.269 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

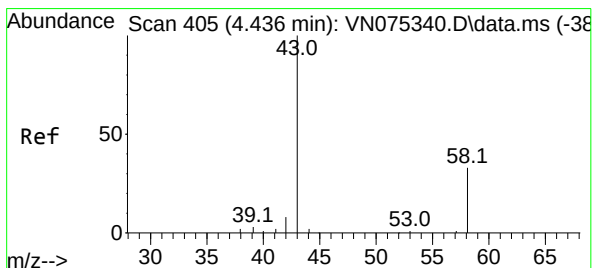
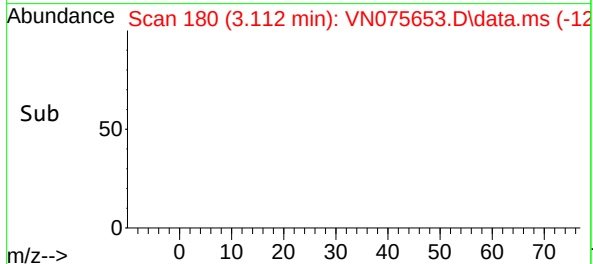
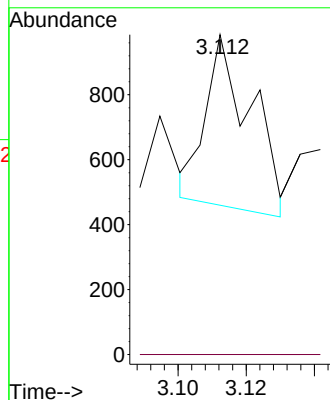
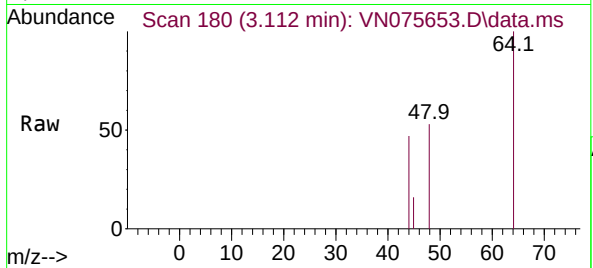




#6
Chloroethane
Concen: 0.309 ug/l
RT: 3.112 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

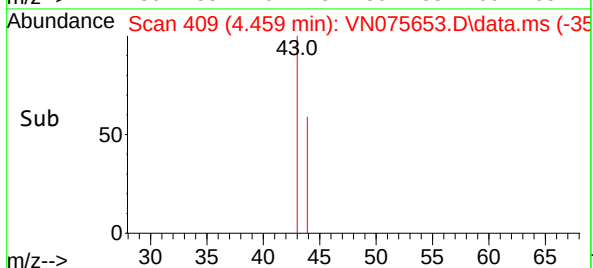
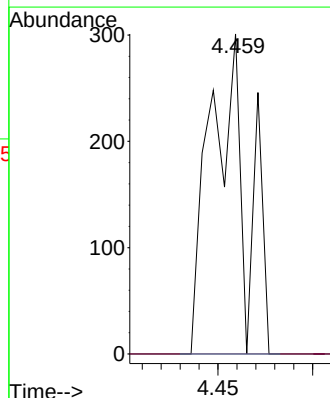
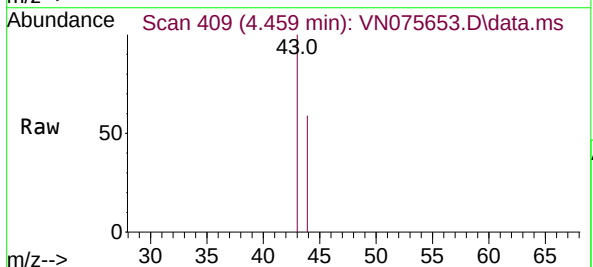
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

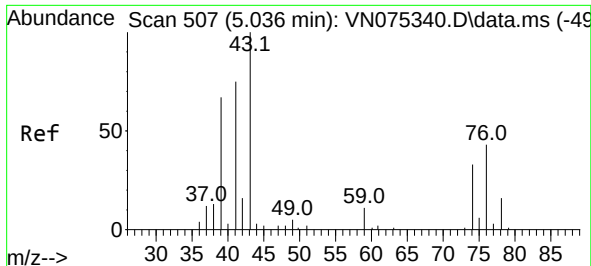
Tgt Ion: 64 Resp: 481
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#16
Acetone
Concen: 0.470 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.023 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

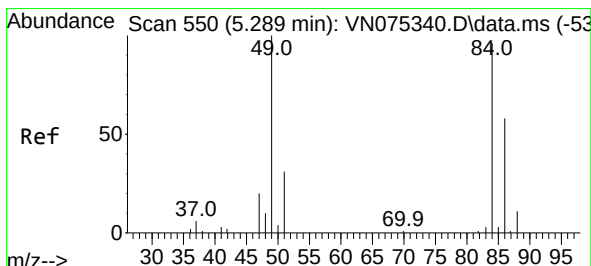
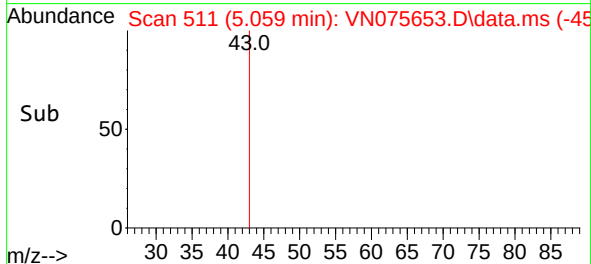
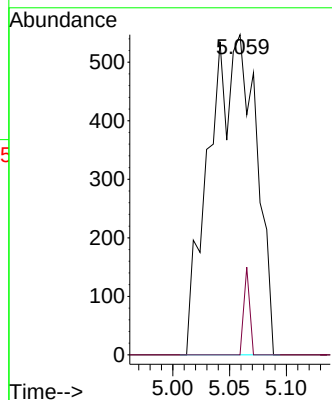
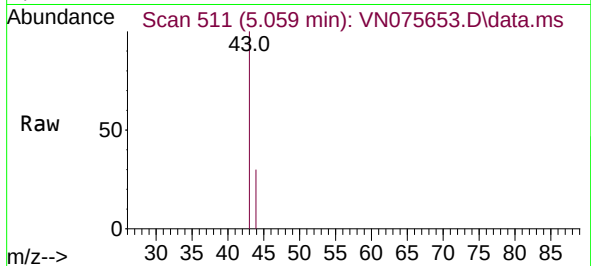




#18
Methyl Acetate
Concen: Below Cal
RT: 5.059 min Scan# 511
Delta R.T. 0.023 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

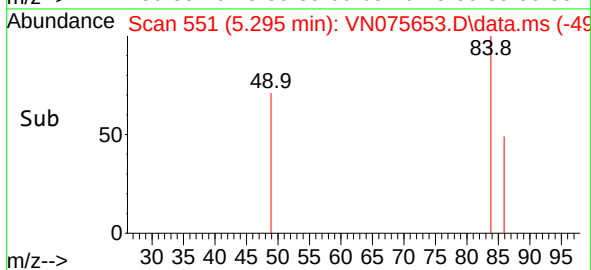
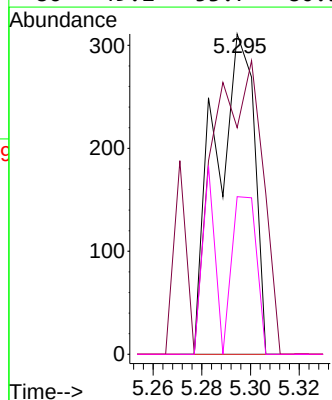
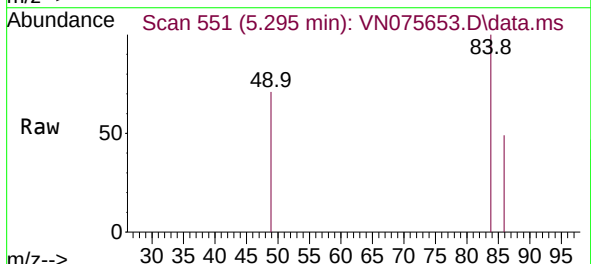
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

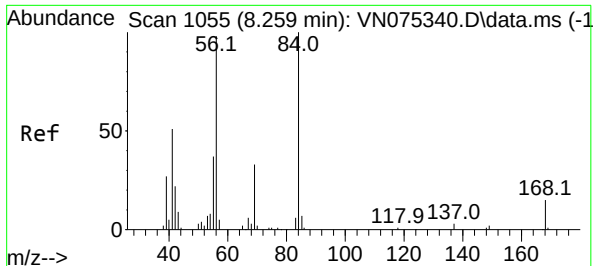
Tgt Ion: 43 Resp: 1558
Ion Ratio Lower Upper
43 100
74 3.4 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

Tgt Ion: 84 Resp: 347
Ion Ratio Lower Upper
84 100
49 70.7 94.9 142.3#
51 0.0 26.8 40.2#
86 49.2 53.7 80.5#

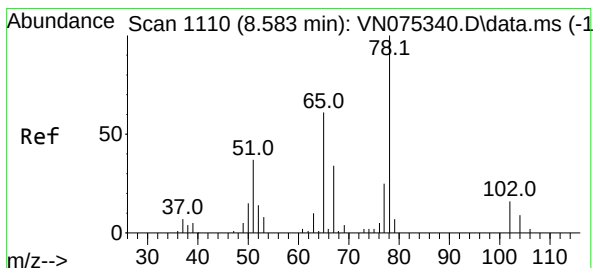
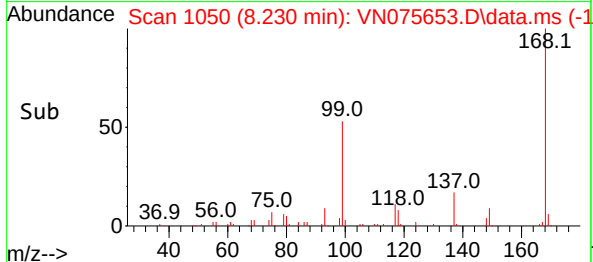
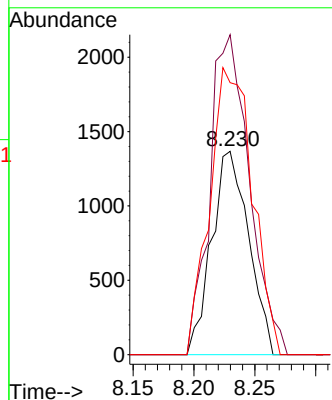
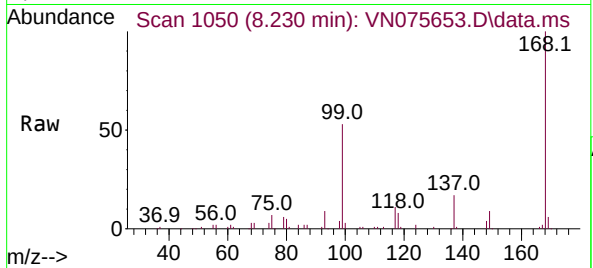




#31
Cyclohexane
Concen: 0.990 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.029 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

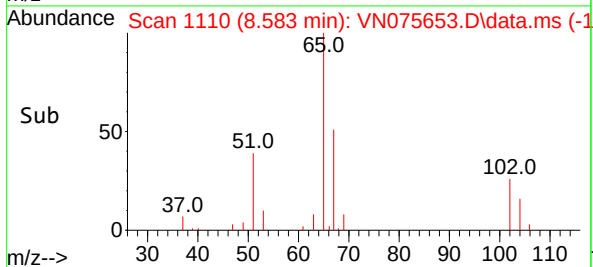
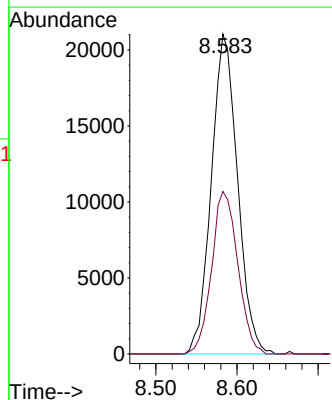
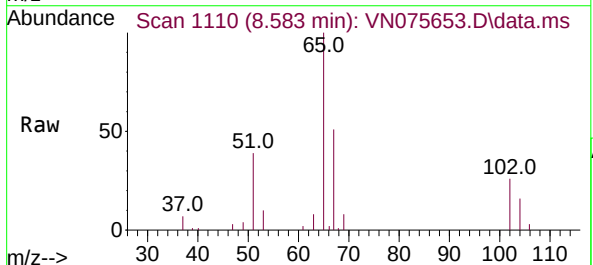
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

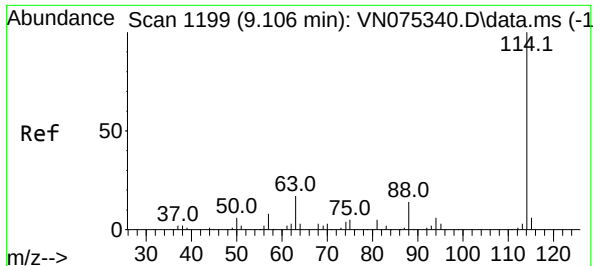
Tgt Ion: 56 Resp: 2892
Ion Ratio Lower Upper
56 100
69 157.3 25.2 37.8#
84 133.7 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 51.356 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

Tgt Ion: 65 Resp: 47233
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075653.D

Acq: 08 Dec 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

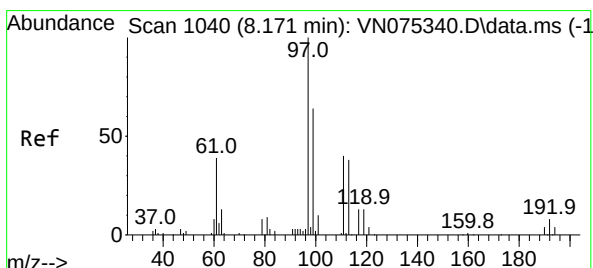
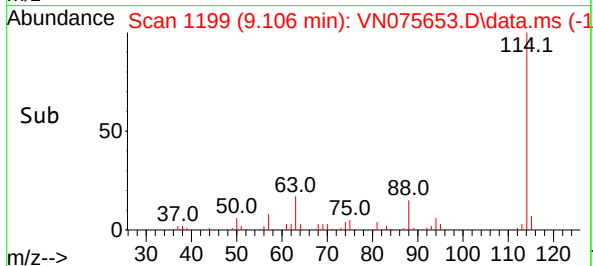
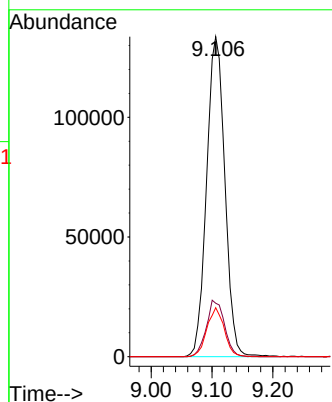
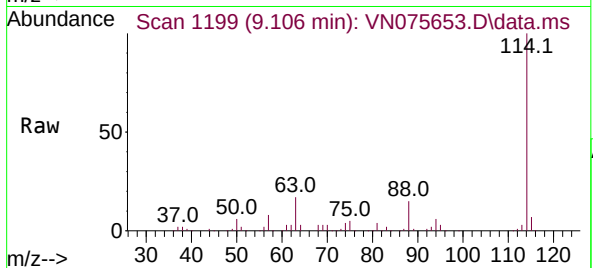
Tgt Ion:114 Resp: 278761

Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.124 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075653.D

Acq: 08 Dec 2022 17:20

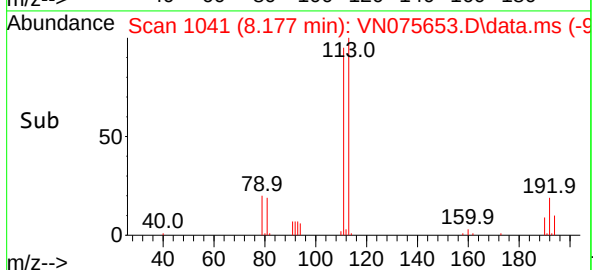
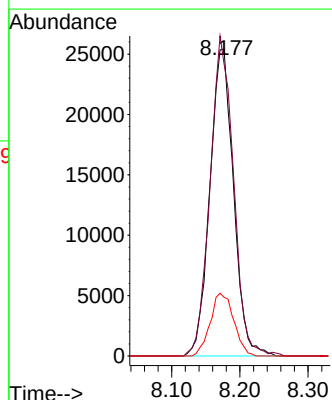
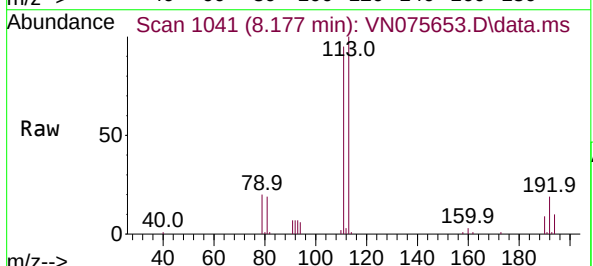
Tgt Ion:113 Resp: 61459

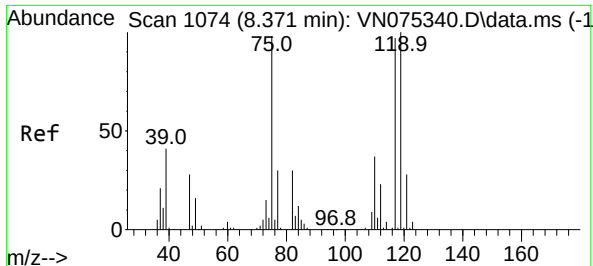
Ion Ratio Lower Upper

113 100

111 103.1 80.5 120.7

192 20.3 13.2 19.8#





#36

1,1-Dichloropropene

Concen: 5.076 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075653.D

Acq: 08 Dec 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

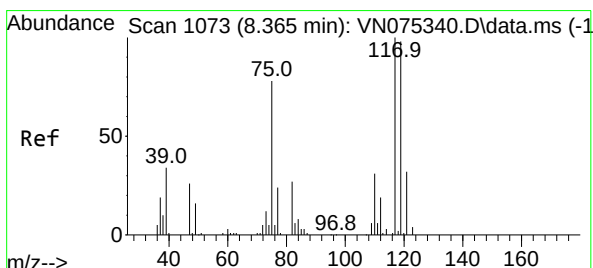
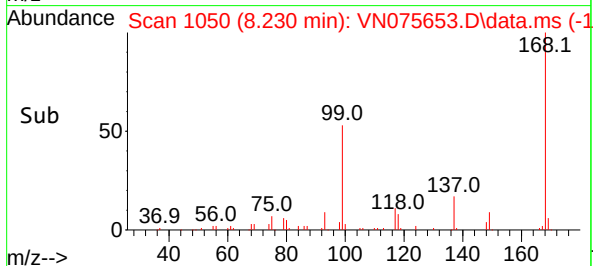
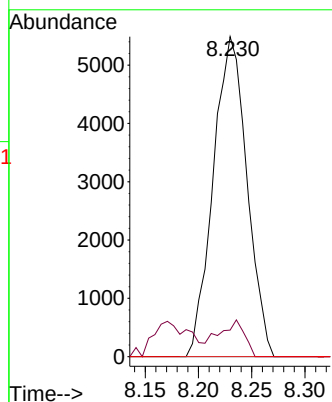
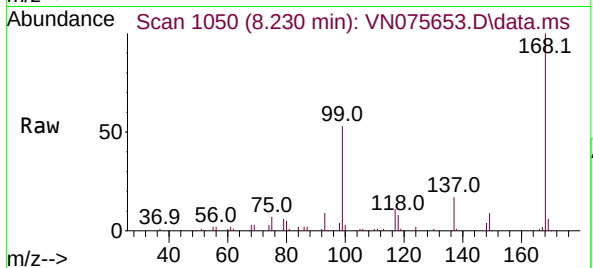
Tgt Ion: 75 Resp: 12122

Ion Ratio Lower Upper

75 100

110 8.7 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.526 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075653.D

Acq: 08 Dec 2022 17:20

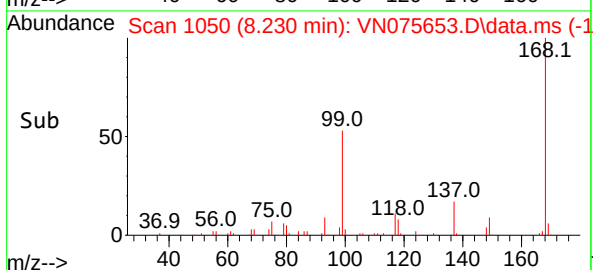
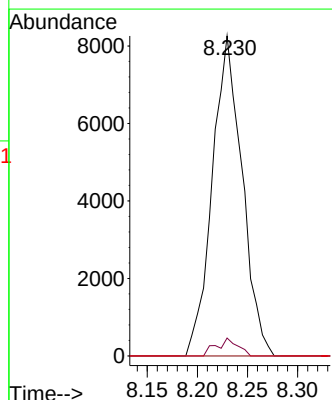
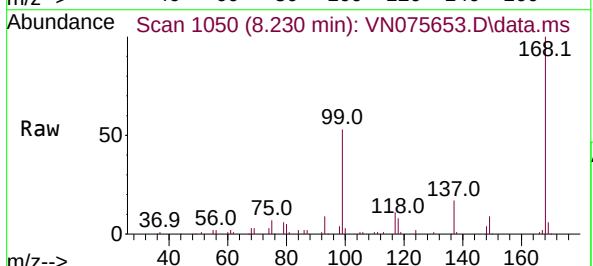
Tgt Ion: 117 Resp: 17119

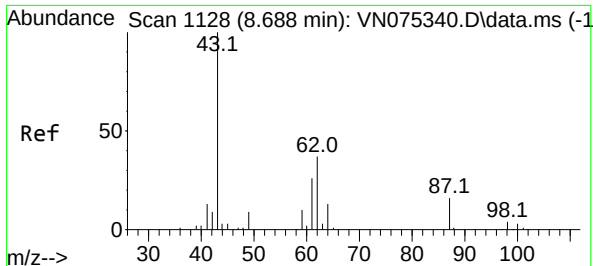
Ion Ratio Lower Upper

117 100

119 5.6 76.7 115.1#

121 0.0 23.9 35.9#

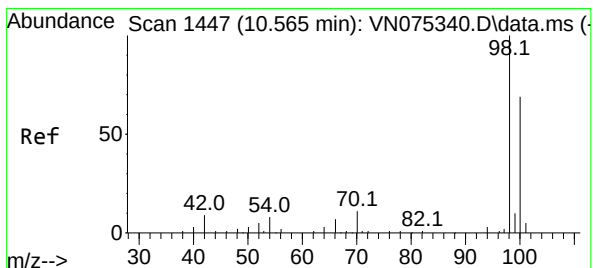
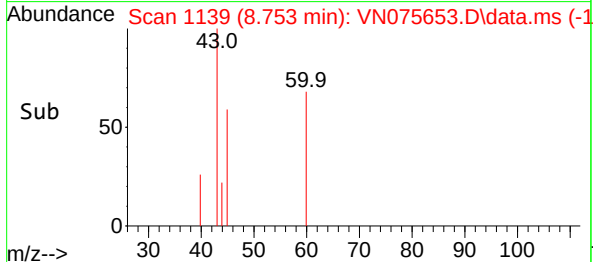
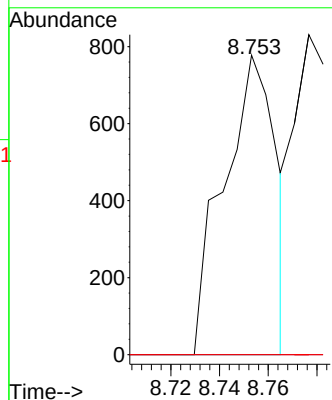
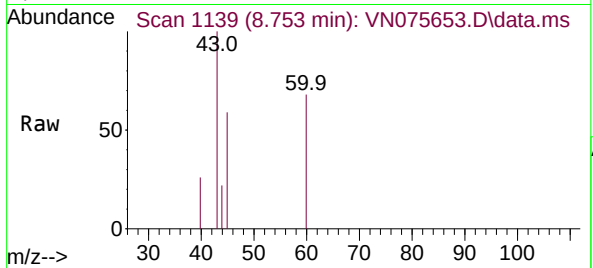




#43
Isopropyl Acetate
Concen: 0.336 ug/l
RT: 8.753 min Scan# 1128
Delta R.T. 0.065 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

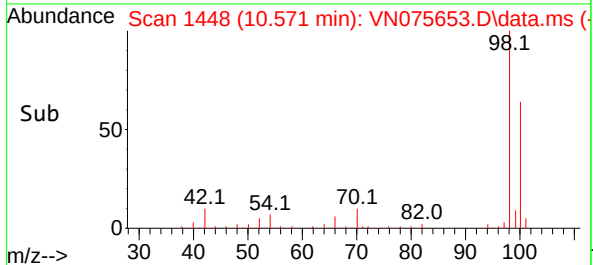
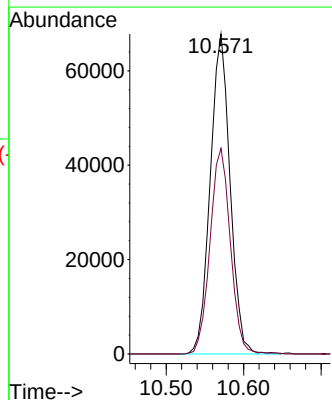
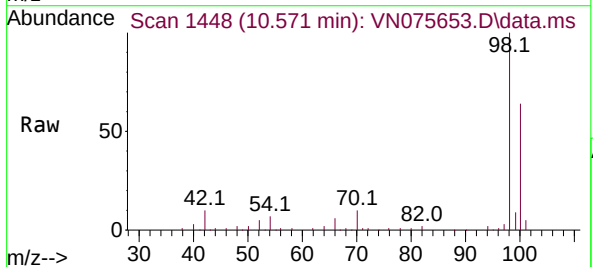
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

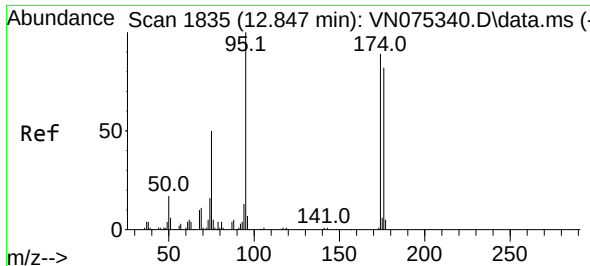
Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 48.797 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

Tgt Ion: 98 Resp: 120352
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6

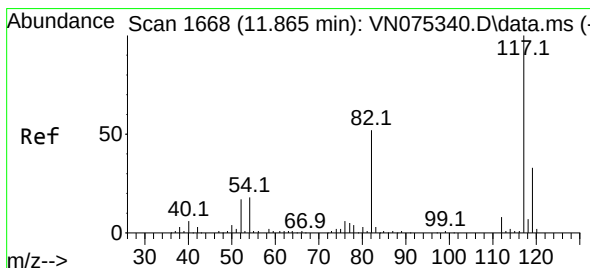
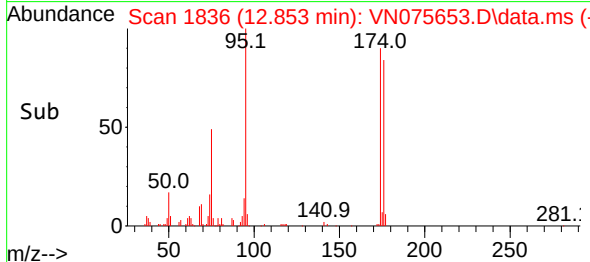
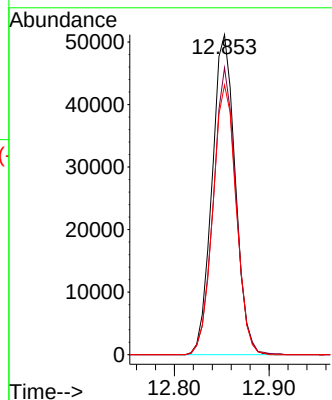
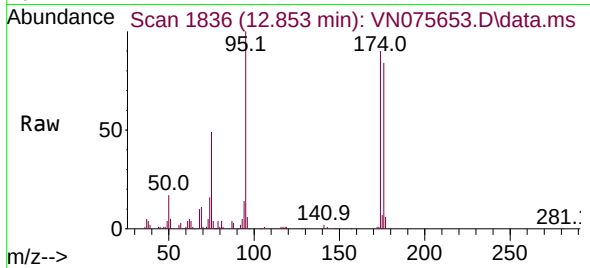




#62
4-Bromofluorobenzene
Concen: 47.648 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

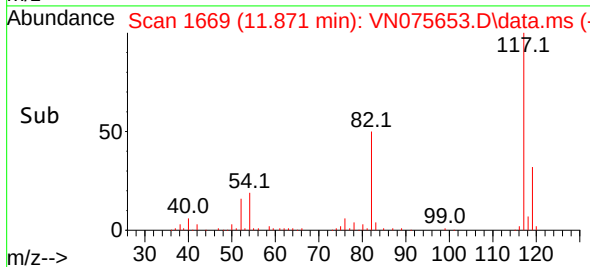
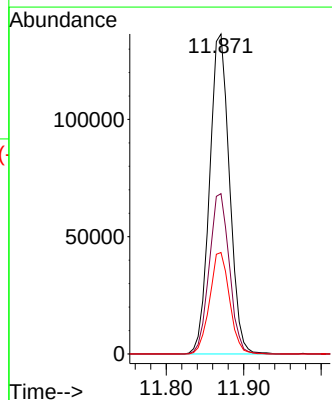
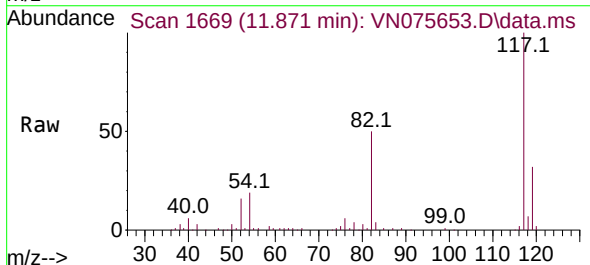
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

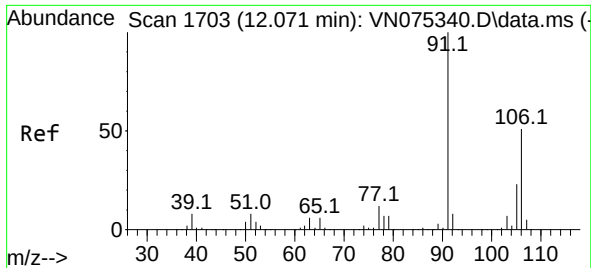
Tgt Ion: 95 Resp: 86741
Ion Ratio Lower Upper
95 100
174 87.4 0.0 147.4
176 85.0 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

Tgt Ion: 117 Resp: 242836
Ion Ratio Lower Upper
117 100
82 50.1 43.1 64.7
119 31.7 25.5 38.3

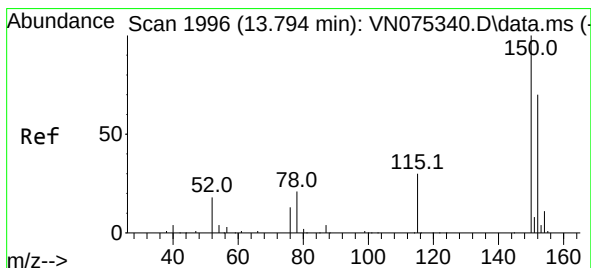
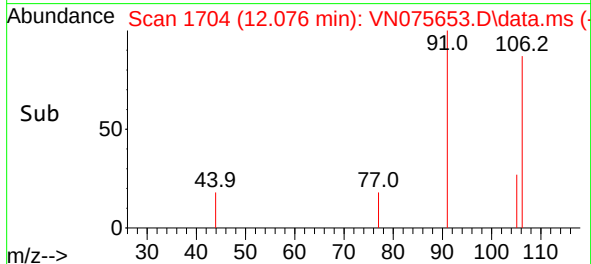
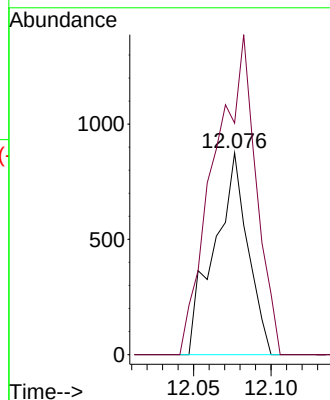
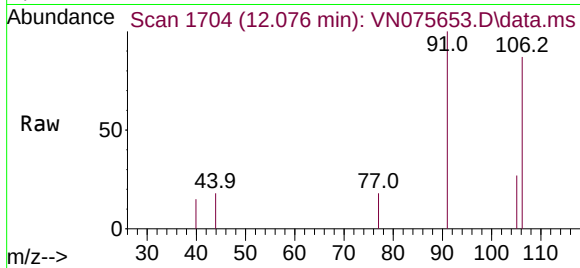




#68
m/p-Xylenes
Concen: 0.378 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

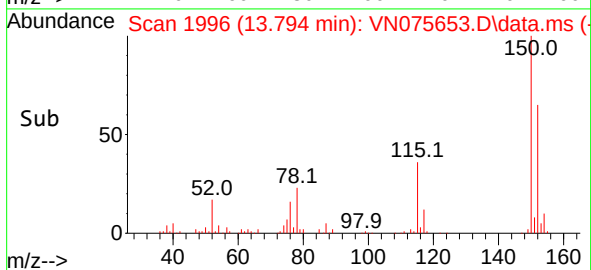
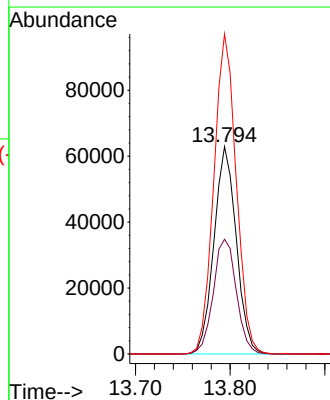
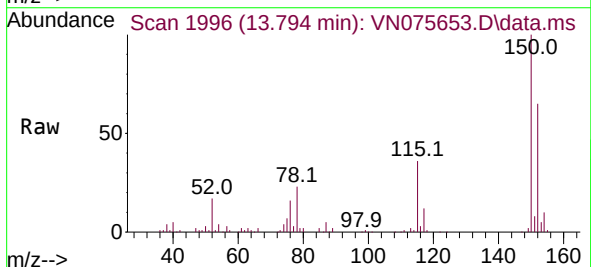
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

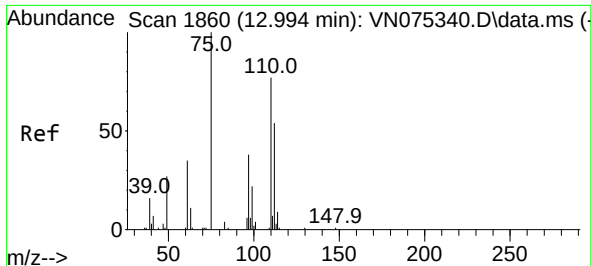
Tgt Ion:106 Resp: 1314
Ion Ratio Lower Upper
106 100
91 197.3 156.0 234.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

Tgt Ion:152 Resp: 102802
Ion Ratio Lower Upper
152 100
115 57.3 30.2 90.6
150 155.0 0.0 348.4

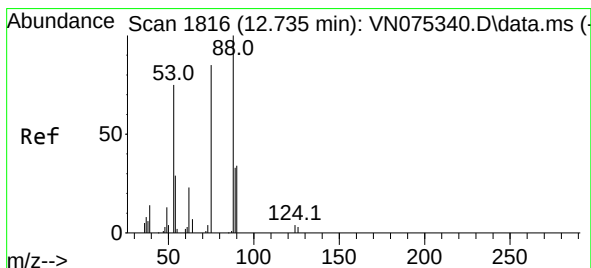
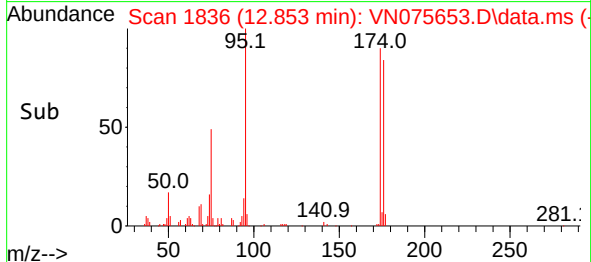
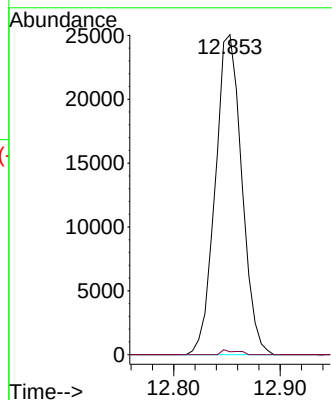
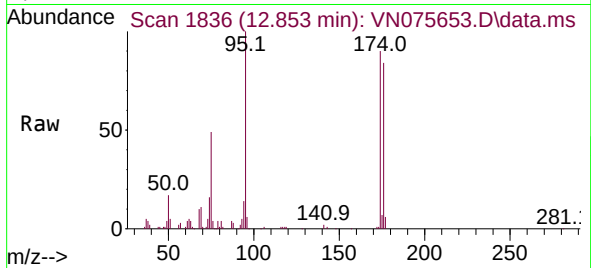




#76
1,2,3-Trichloropropane
Concen: 22.282 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

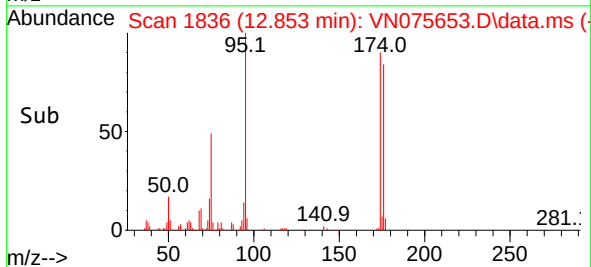
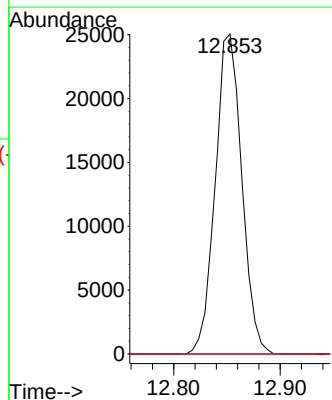
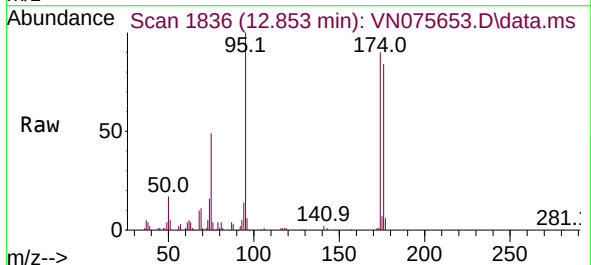
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

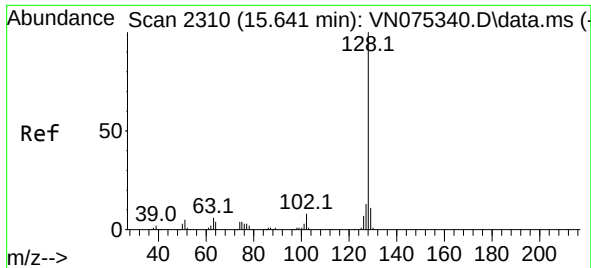
Tgt Ion: 75 Resp: 43309
Ion Ratio Lower Upper
75 100
77 0.9 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.926 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

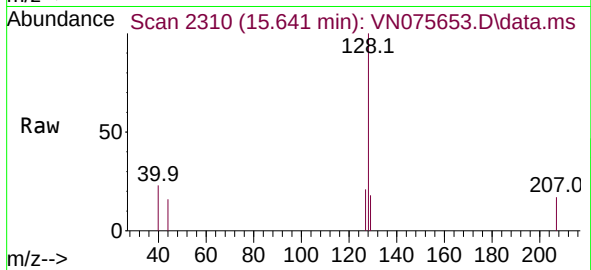
Tgt Ion: 75 Resp: 43309
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#95
Naphthalene
Concen: 0.377 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	128	Resp:	2079
Ion	Ratio	Lower	Upper
128	100		
127	3.8	10.4	15.6#
129	8.3	8.6	12.8#

