

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071758.D
 Acq On : 01 Apr 2022 17:19
 Operator : JC\MD
 Sample : N2090-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-52

Quant Time: Apr 02 00:55:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

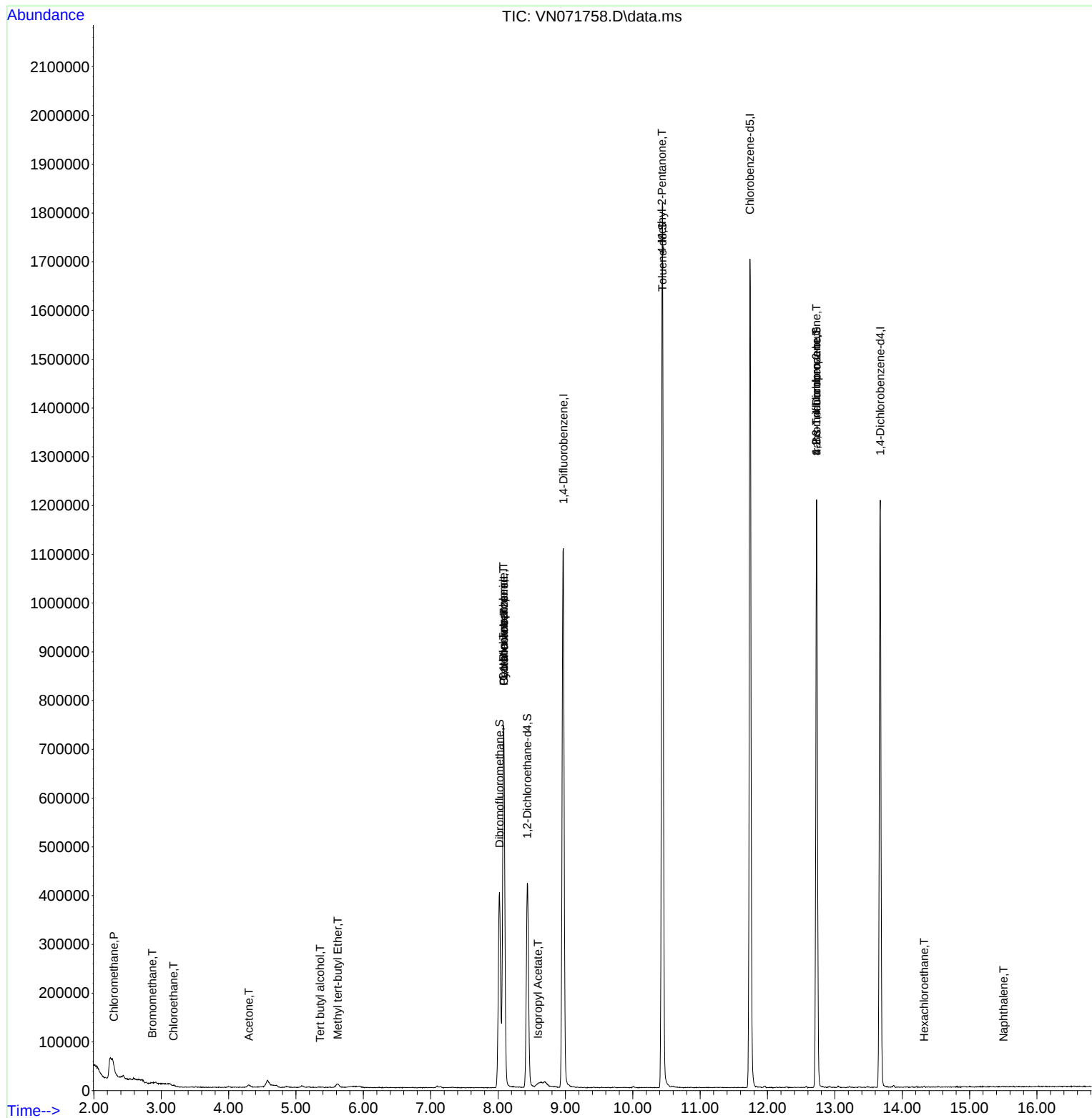
Internal Standards						
1) Pentafluorobenzene	8.086	168	616824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1058727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1058320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	361471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	356637	50.646	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.300%		
35) Dibromofluoromethane	8.022	113	299503	48.074	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.140%		
50) Toluene-d8	10.439	98	1306370	51.259	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 102.520%		
62) 4-Bromofluorobenzene	12.727	95	426138	51.701	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 103.400%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	3119	0.502	ug/l #	43
5) Bromomethane	2.869	94	1393	0.314	ug/l #	72
6) Chloroethane	3.181	64	1046	0.213	ug/l #	42
11) Tert butyl alcohol	5.357	59	2285	2.000	ug/l #	72
16) Acetone	4.298	43	6996	2.325	ug/l	93
18) Methyl Acetate	4.851	43	4233	Below Cal	#	83
19) Methyl tert-butyl Ether	5.622	73	11616	0.614	ug/l	98
31) Cyclohexane	8.086	56	11103	1.159	ug/l #	4
36) 1,1-Dichloropropene	8.081	75	41552	4.776	ug/l #	49
38) Carbon Tetrachloride	8.081	117	56497	6.626	ug/l #	17
43) Isopropyl Acetate	8.592	43	6113	0.386	ug/l #	53
51) 4-Methyl-2-Pentanone	10.433	43	4646	0.510	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	206151	24.619	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	206151	76.293	ug/l #	11
90) Hexachloroethane	14.327	117	1147	0.275	ug/l #	9
95) Naphthalene	15.504	128	651	3.839	ug/l #	69

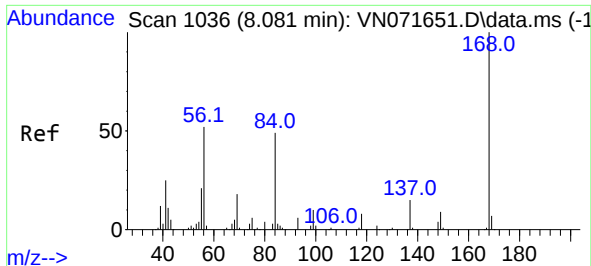
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071758.D
Acq On : 01 Apr 2022 17:19
Operator : JC\MD
Sample : N2090-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-52

Quant Time: Apr 02 00:55:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

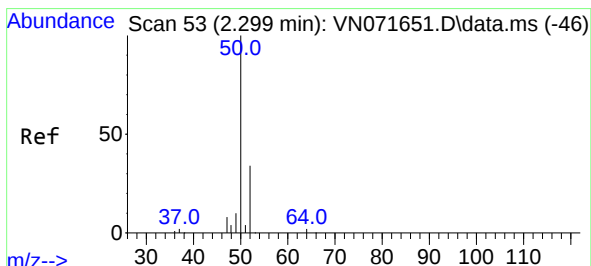
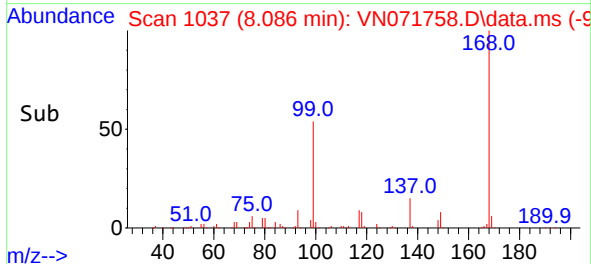
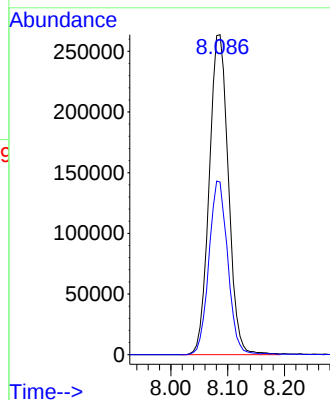
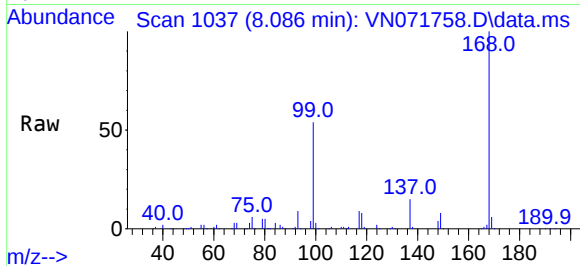




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

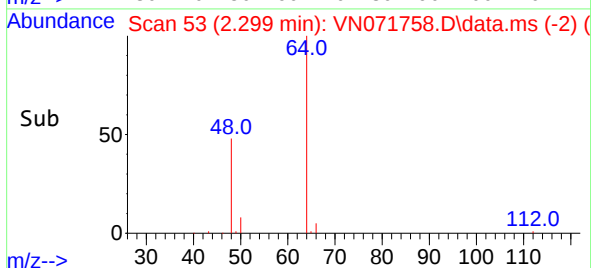
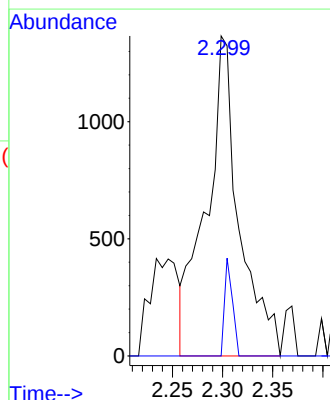
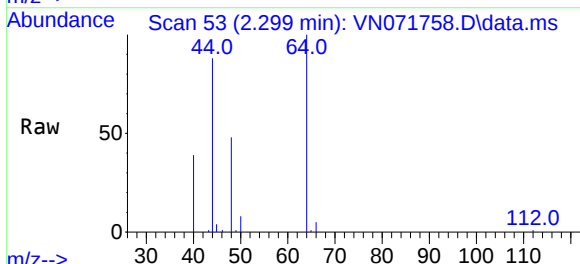
Instrument :
MSVOA_N
ClientSampleId :
MW-52

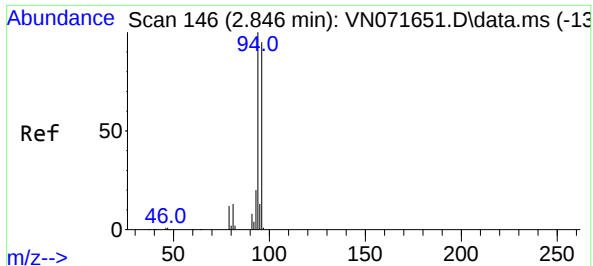
Tgt Ion:168 Resp: 616824
Ion Ratio Lower Upper
168 100
99 53.9 42.3 63.5



#3
Chloromethane
Concen: 0.502 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

Tgt Ion: 50 Resp: 3119
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

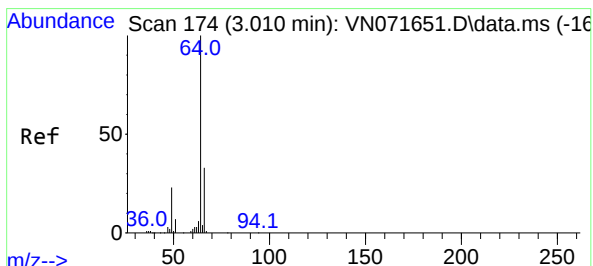
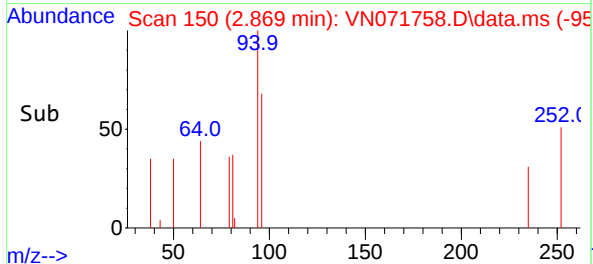
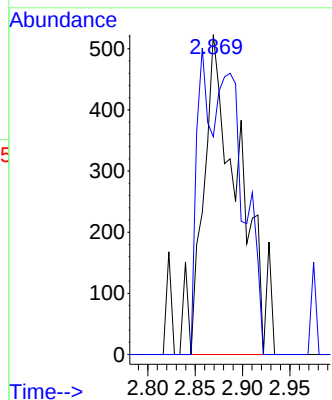
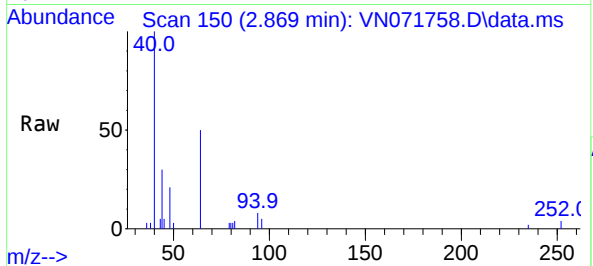




#5
Bromomethane
Concen: 0.314 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

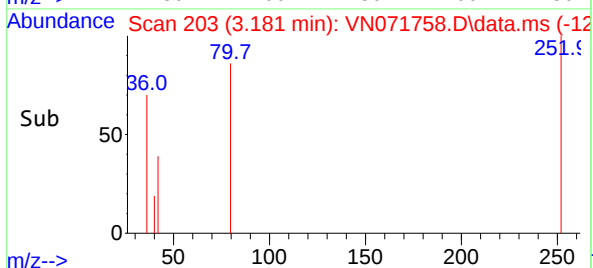
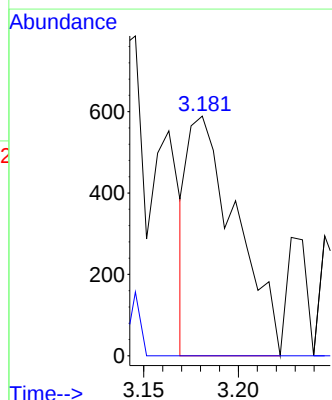
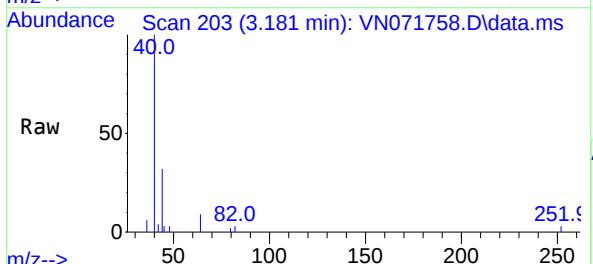
Instrument :
MSVOA_N
ClientSampleId :
MW-52

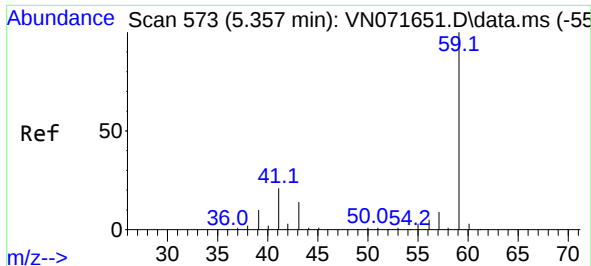
Tgt Ion: 94 Resp: 1393
Ion Ratio Lower Upper
94 100
96 68.1 76.0 114.0#



#6
Chloroethane
Concen: 0.213 ug/l
RT: 3.181 min Scan# 203
Delta R.T. 0.171 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

Tgt Ion: 64 Resp: 1046
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 2.000 ug/l

RT: 5.357 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN071758.D

Acq: 01 Apr 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

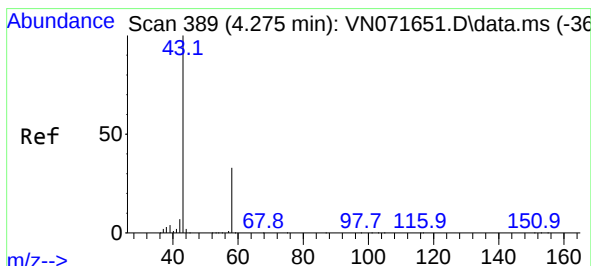
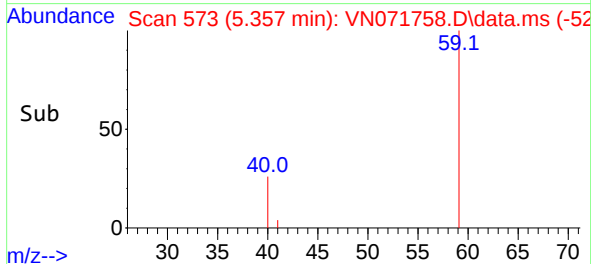
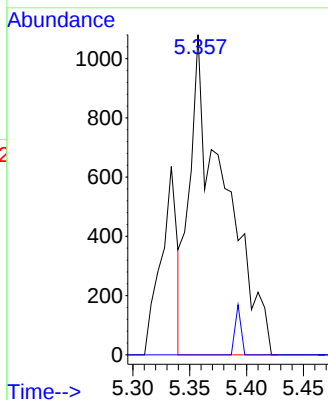
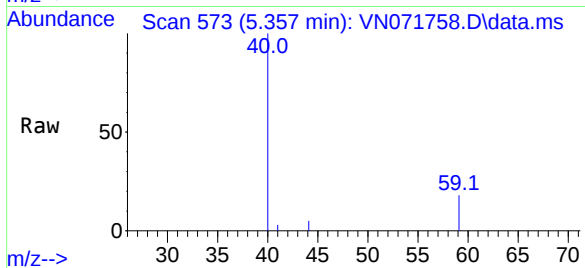
MW-52

Tgt Ion: 59 Resp: 2285

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.325 ug/l

RT: 4.298 min Scan# 393

Delta R.T. 0.023 min

Lab File: VN071758.D

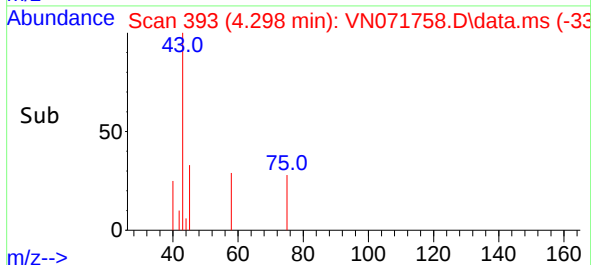
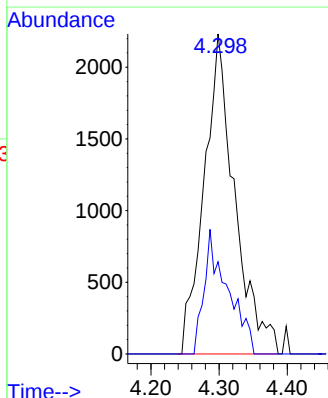
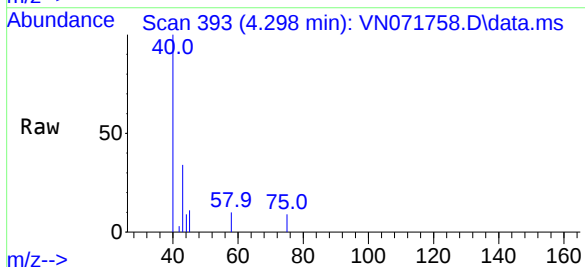
Acq: 01 Apr 2022 17:19

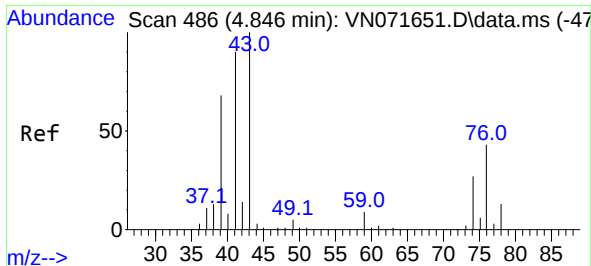
Tgt Ion: 43 Resp: 6996

Ion Ratio Lower Upper

43 100

58 28.8 26.0 39.0

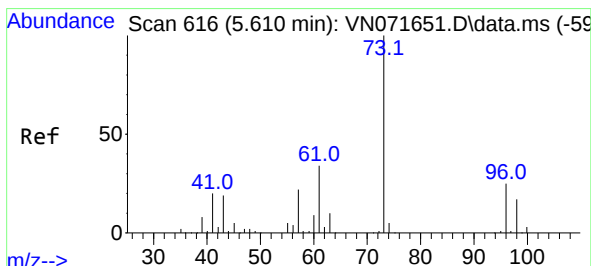
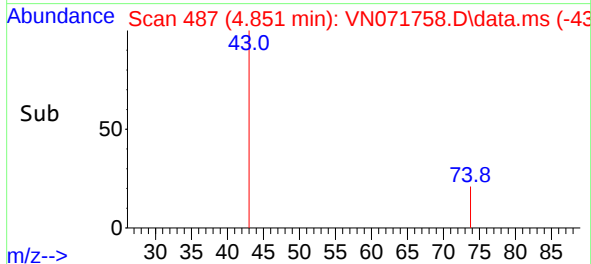
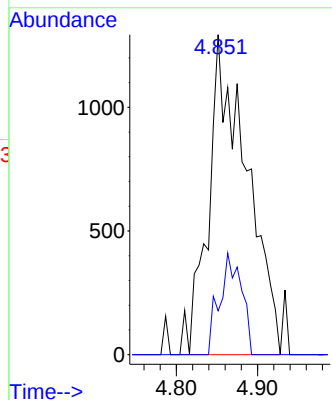
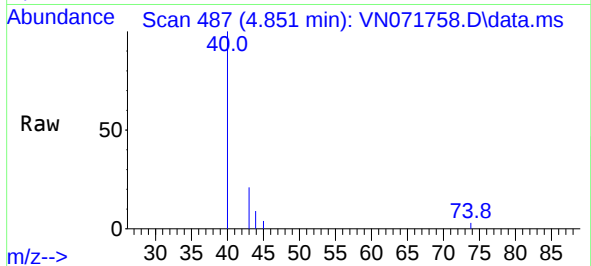




#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

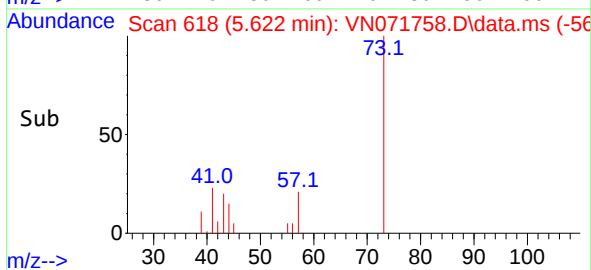
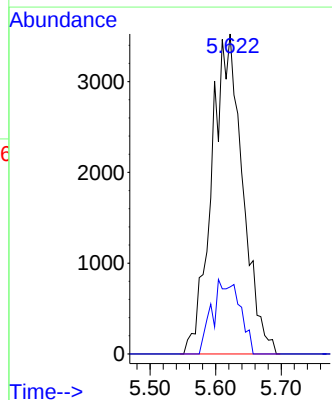
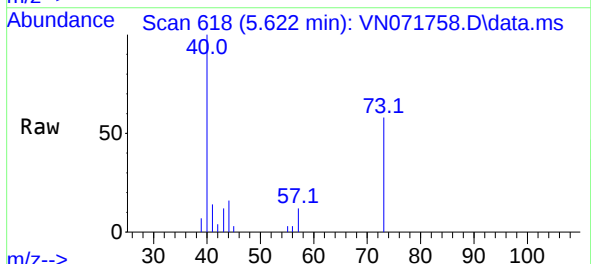
Instrument :
MSVOA_N
ClientSampleId :
MW-52

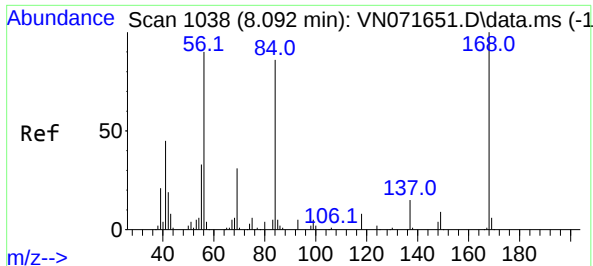
Tgt Ion: 43 Resp: 4233
Ion Ratio Lower Upper
43 100
74 18.2 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 0.614 ug/l
RT: 5.622 min Scan# 618
Delta R.T. 0.012 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

Tgt Ion: 73 Resp: 11616
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4

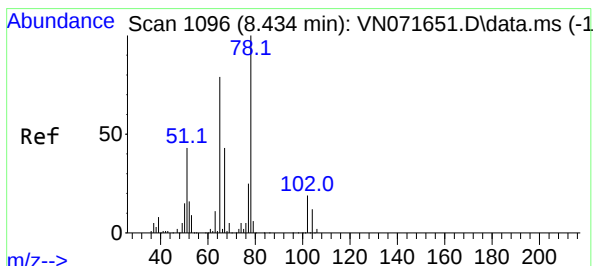
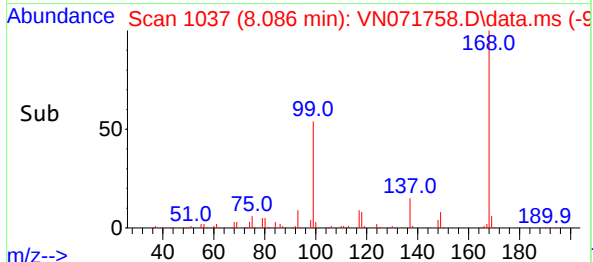
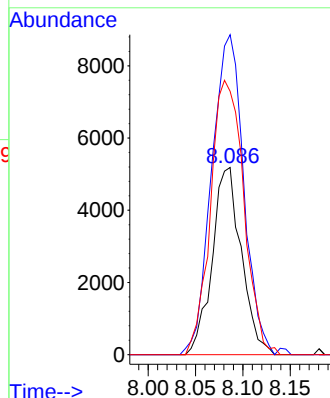
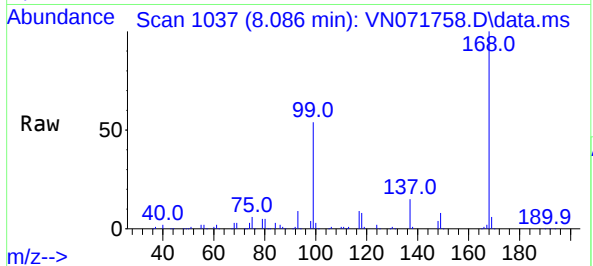




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

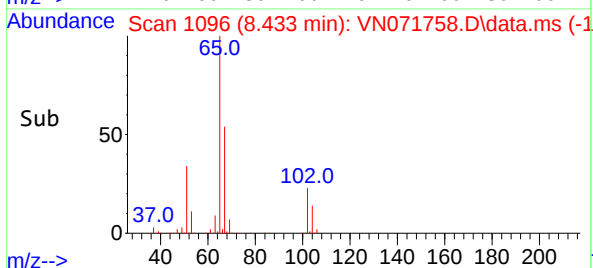
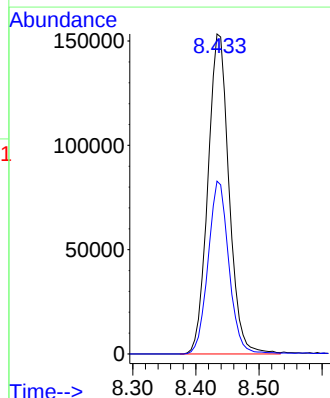
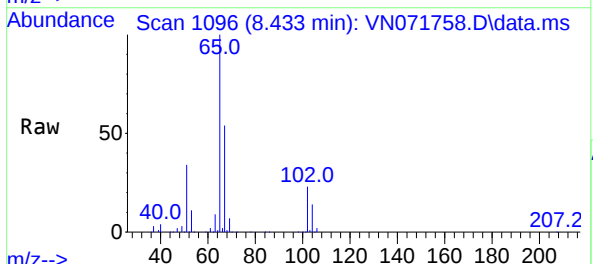
Instrument :
MSVOA_N
ClientSampleId :
MW-52

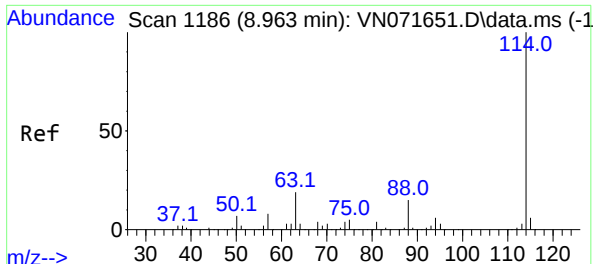
Tgt Ion: 56 Resp: 11103
Ion Ratio Lower Upper
56 100
69 170.9 27.8 41.8#
84 140.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.646 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

Tgt Ion: 65 Resp: 356637
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071758.D

Acq: 01 Apr 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

MW-52

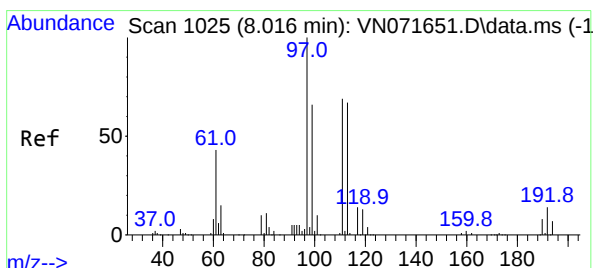
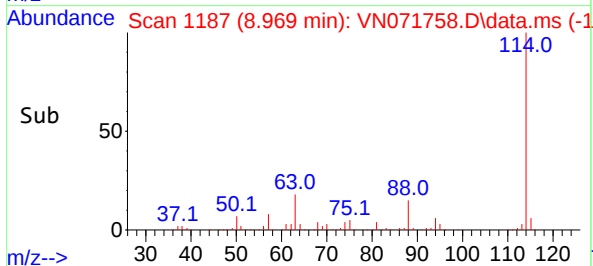
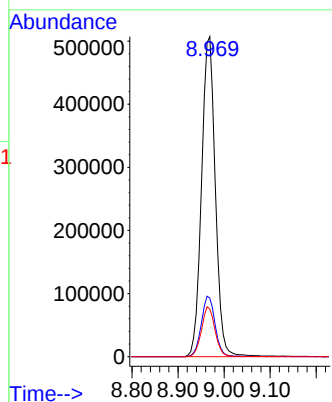
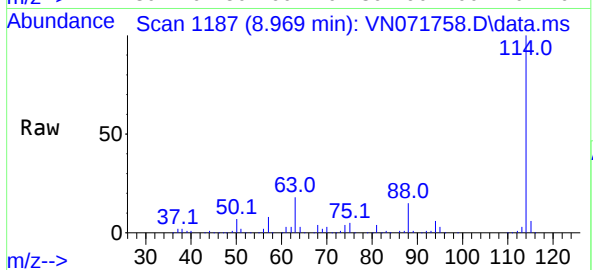
Tgt Ion:114 Resp: 1058727

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.074 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071758.D

Acq: 01 Apr 2022 17:19

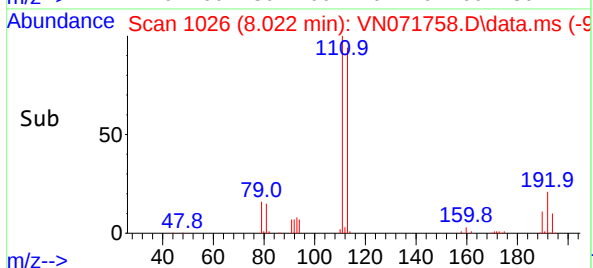
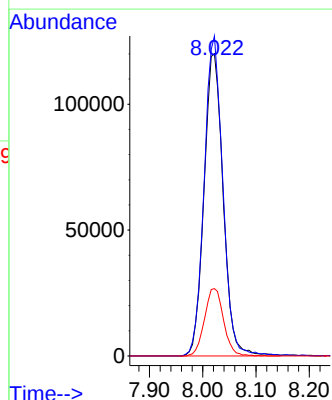
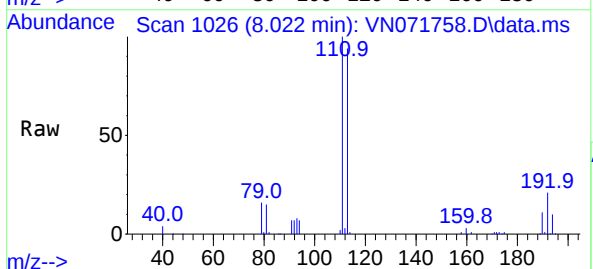
Tgt Ion:113 Resp: 299503

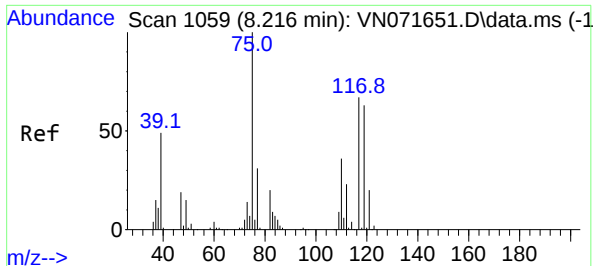
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 22.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.776 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071758.D

Acq: 01 Apr 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

MW-52

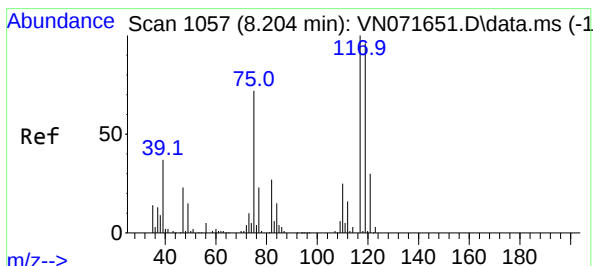
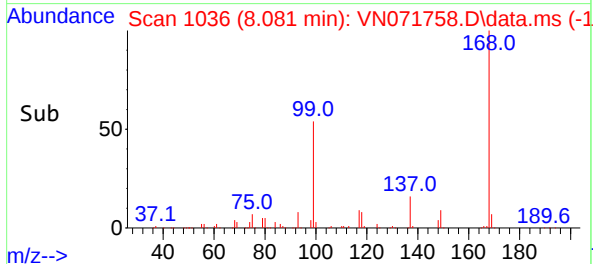
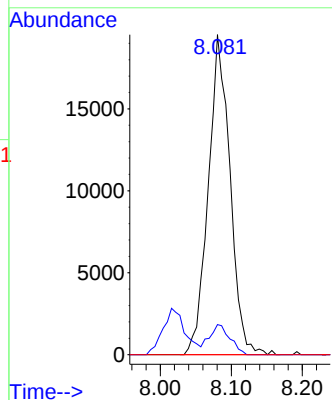
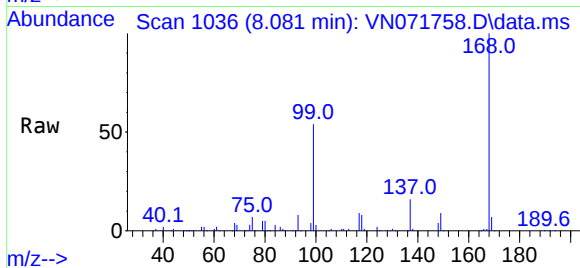
Tgt Ion: 75 Resp: 41552

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.626 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071758.D

Acq: 01 Apr 2022 17:19

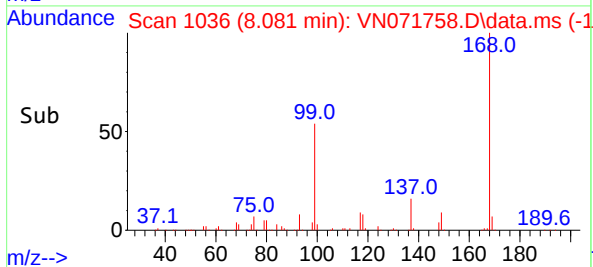
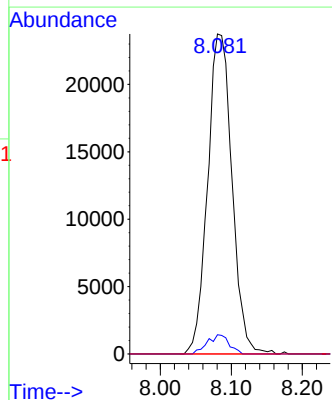
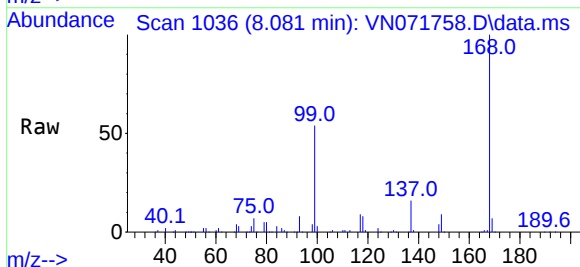
Tgt Ion: 117 Resp: 56497

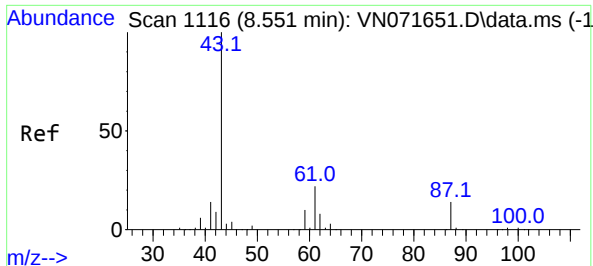
Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.386 ug/l

RT: 8.592 min Scan# 1116

Delta R.T. 0.041 min

Lab File: VN071758.D

Acq: 01 Apr 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

MW-52

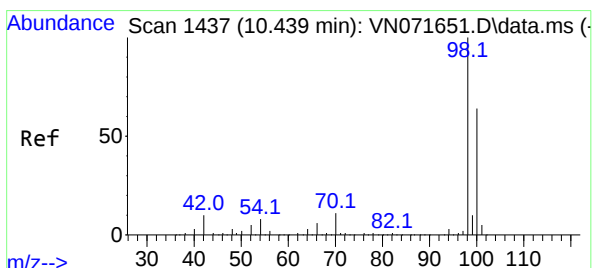
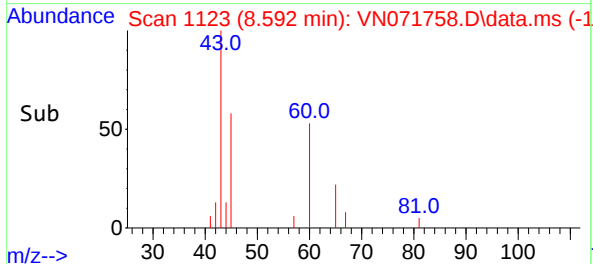
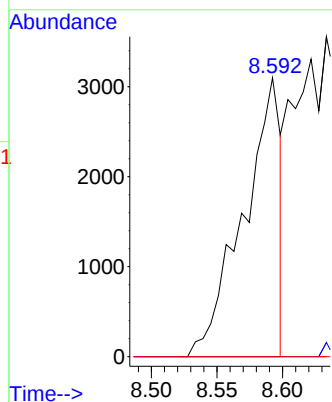
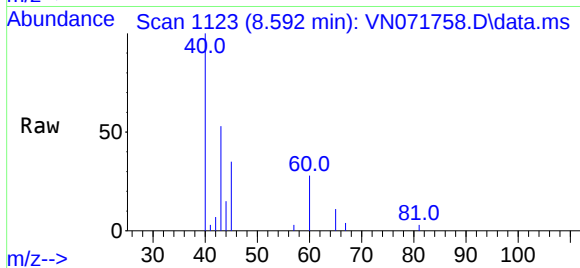
Tgt Ion: 43 Resp: 6113

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 51.259 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071758.D

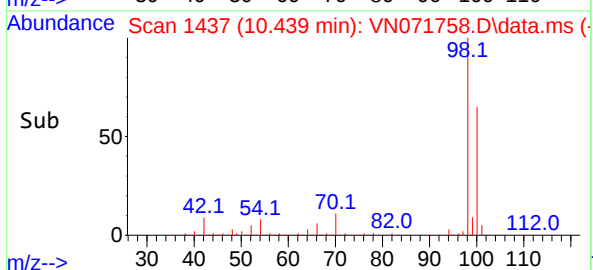
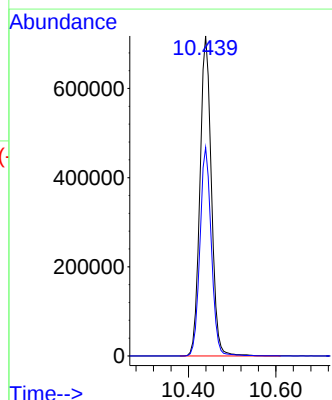
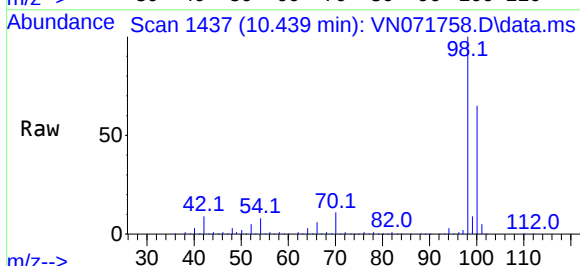
Acq: 01 Apr 2022 17:19

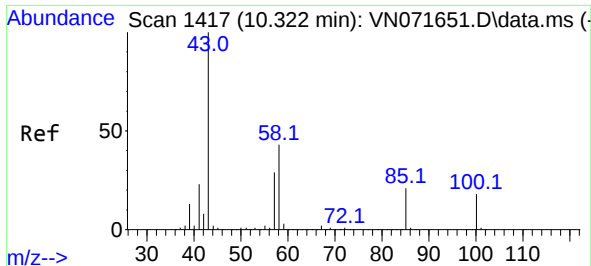
Tgt Ion: 98 Resp: 1306370

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

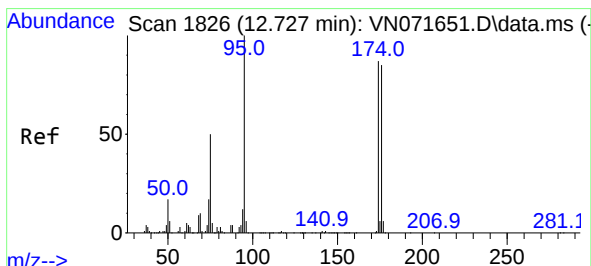
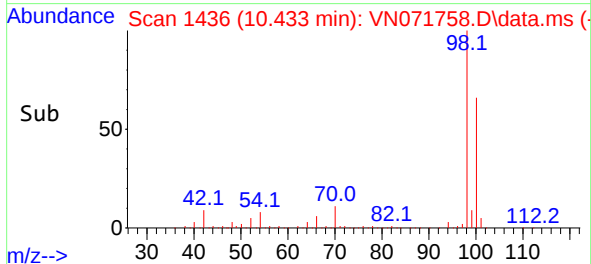
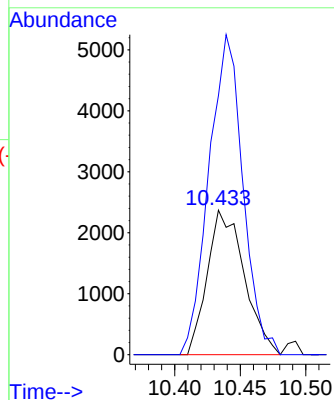
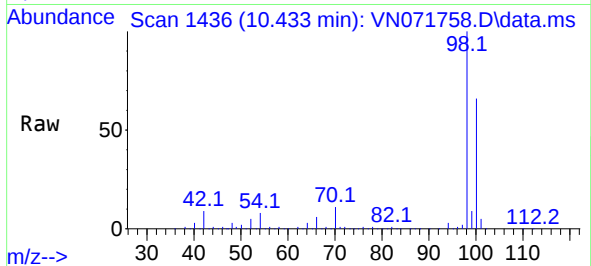




#51
4-Methyl-2-Pentanone
Concen: 0.510 ug/l
RT: 10.433 min Scan# 1417
Delta R.T. 0.111 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

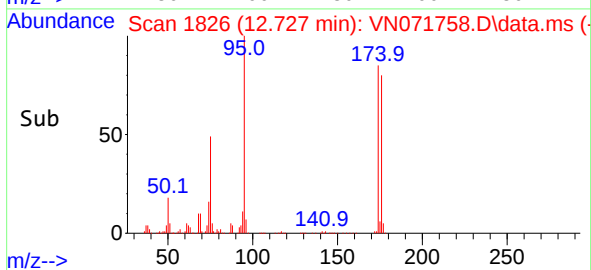
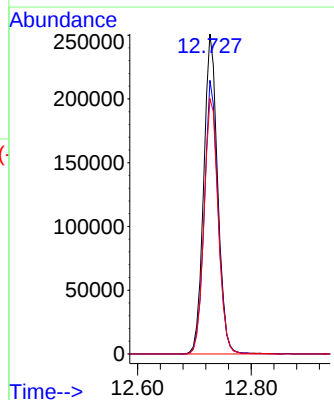
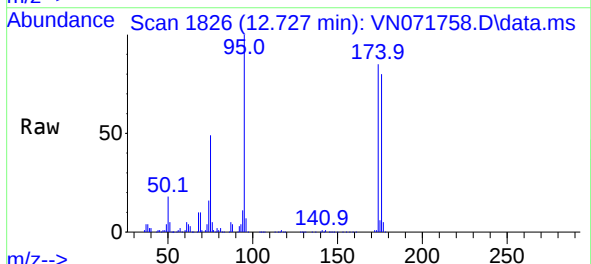
Instrument :
MSVOA_N
ClientSampleId :
MW-52

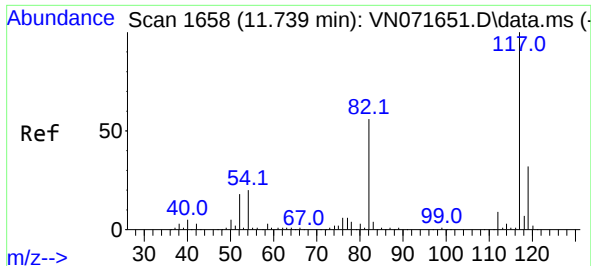
Tgt Ion: 43 Resp: 4646
Ion Ratio Lower Upper
43 100
58 203.9 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 51.701 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

Tgt Ion: 95 Resp: 426138
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 81.0 0.0 163.4

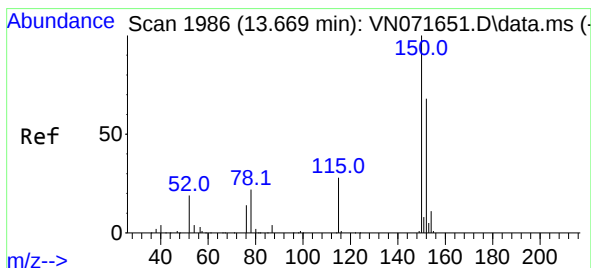
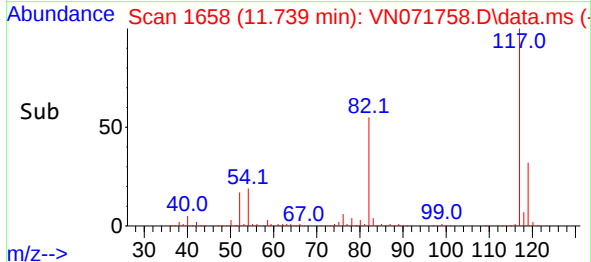
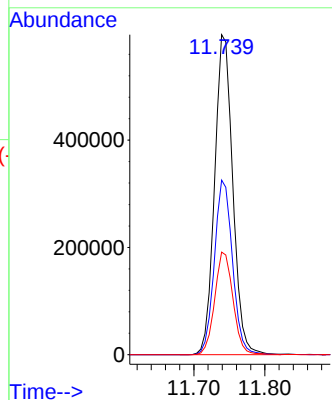
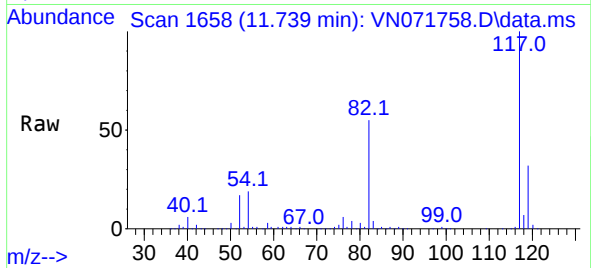




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

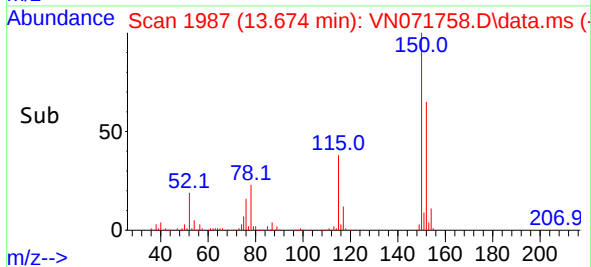
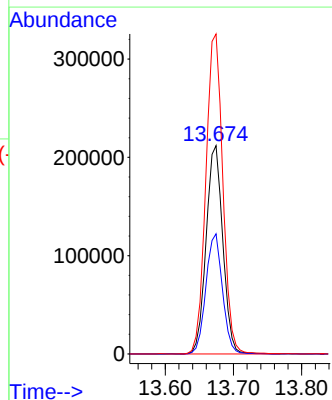
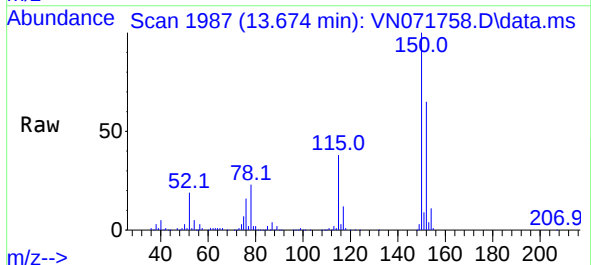
Instrument :
MSVOA_N
ClientSampleId :
MW-52

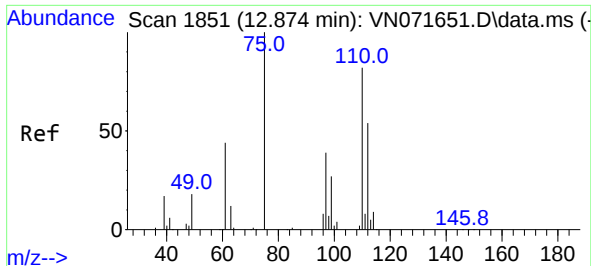
Tgt Ion:117 Resp: 1058320
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

Tgt Ion:152 Resp: 361471
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 156.2 0.0 356.2

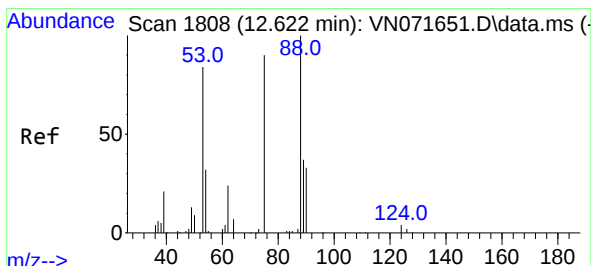
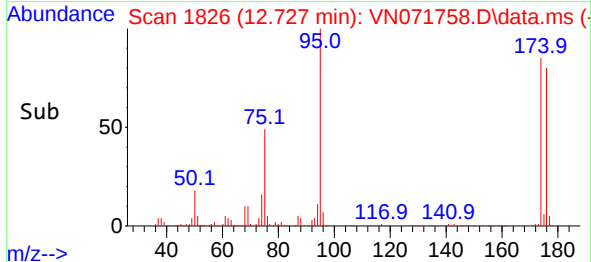
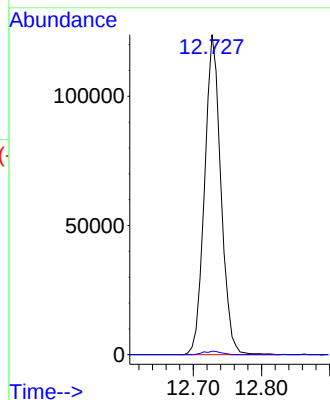
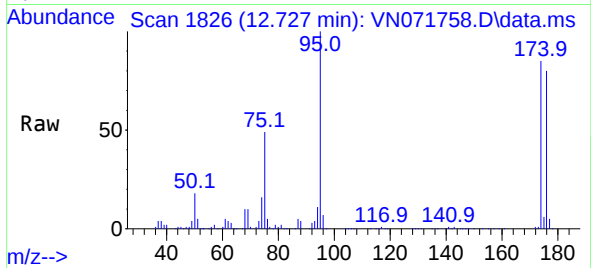




#76
1,2,3-Trichloropropane
Concen: 24.619 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

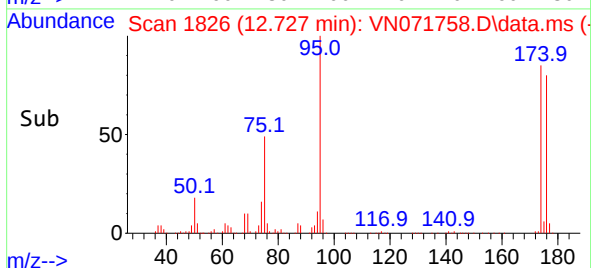
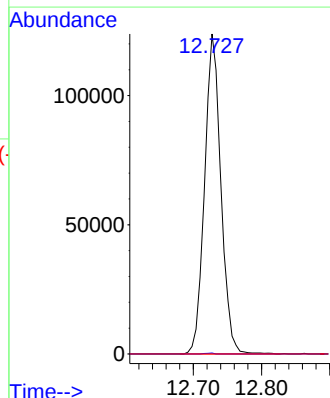
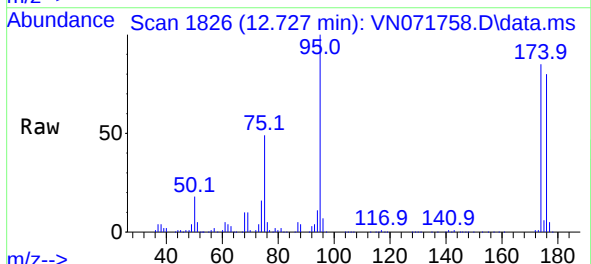
Instrument :
MSVOA_N
ClientSampleId :
MW-52

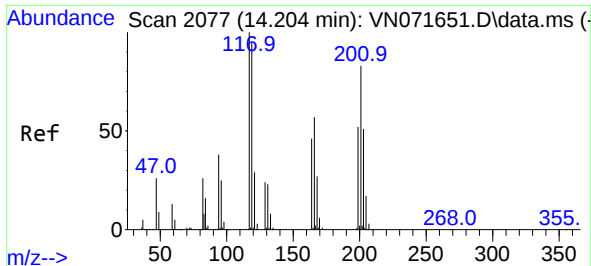
Tgt Ion: 75 Resp: 206151
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.293 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

Tgt Ion: 75 Resp: 206151
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

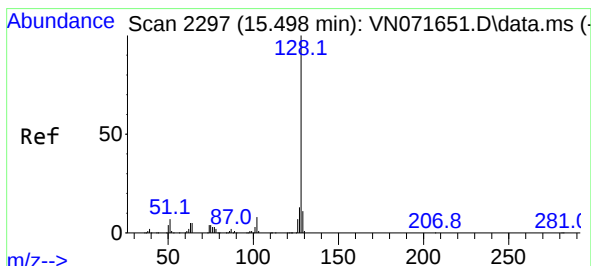
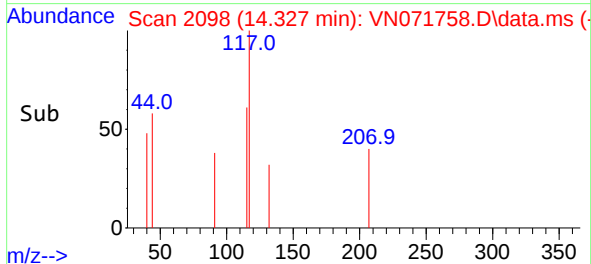
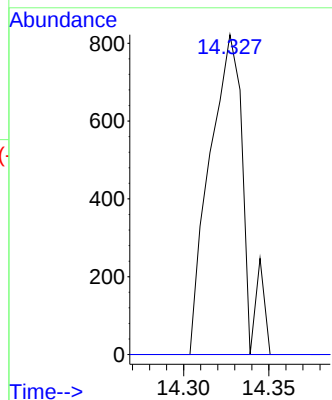
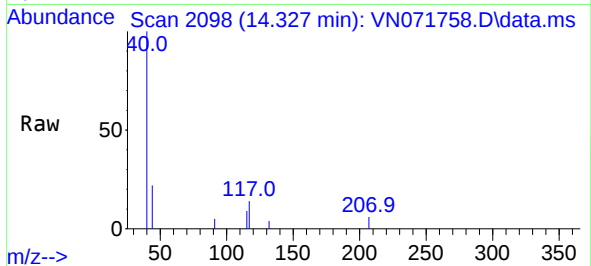




#90
Hexachloroethane
Concen: 0.275 ug/l
RT: 14.327 min Scan# 2098
Delta R.T. 0.123 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
MW-52

Tgt Ion:117 Resp: 1147
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#95
Naphthalene
Concen: 3.839 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071758.D
Acq: 01 Apr 2022 17:19

Tgt Ion:128 Resp: 651
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

