

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076138.D
 Acq On : 06 Jan 2023 17:00
 Operator : JC\MD
 Sample : 01055-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-F

Quant Time: Jan 06 22:57:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

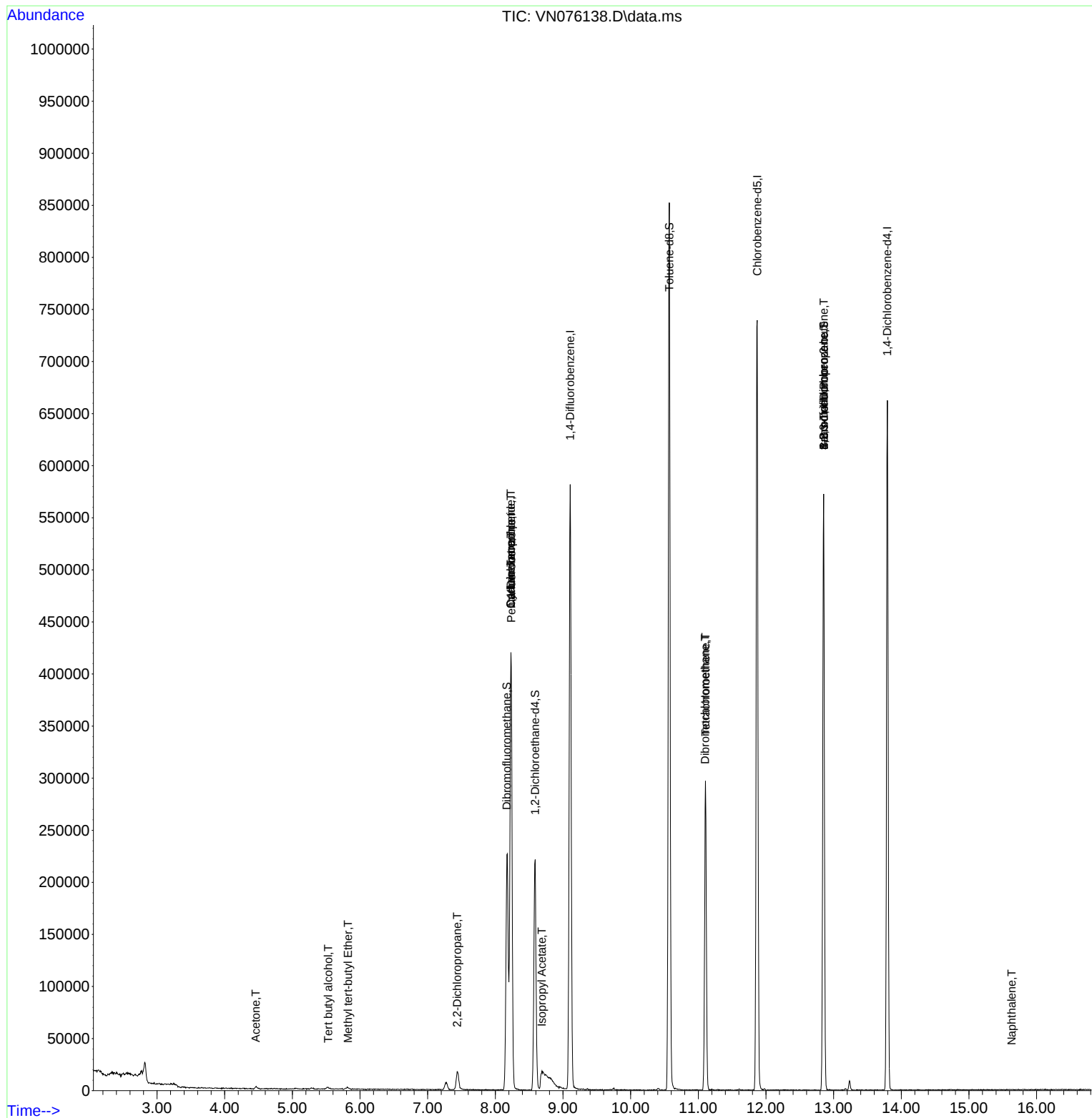
Internal Standards						
1) Pentafluorobenzene	8.236	168	325966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	532196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	467820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	176825	49.863	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.720%		
35) Dibromofluoromethane	8.171	113	164055	49.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.560%		
50) Toluene-d8	10.571	98	614313	49.852	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.700%		
62) 4-Bromofluorobenzene	12.853	95	187972	46.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.120%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.530	59	1707	3.402	ug/l #	72
16) Acetone	4.459	43	1839	1.504	ug/l #	83
19) Methyl tert-butyl Ether	5.824	73	3084	0.324	ug/l #	55
20) Methylene Chloride	5.283	84	564	Below Cal	#	62
26) 2,2-Dichloropropane	7.436	77	1128	0.243	ug/l #	50
31) Cyclohexane	8.230	56	6669	1.313	ug/l #	21
36) 1,1-Dichloropropene	8.230	75	23241	5.308	ug/l #	49
38) Carbon Tetrachloride	8.230	117	32495	6.631	ug/l #	16
43) Isopropyl Acetate	8.688	43	9143	1.576	ug/l #	52
60) Dibromochloromethane	11.100	129	65549	17.069	ug/l #	11
64) Tetrachloroethene	11.106	164	68137	20.698	ug/l	99
71) Bromoform	12.853	173	1933	0.747	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	97646	25.488	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97646	91.745	ug/l #	12
95) Naphthalene	15.629	128	282	2.204	ug/l #	69

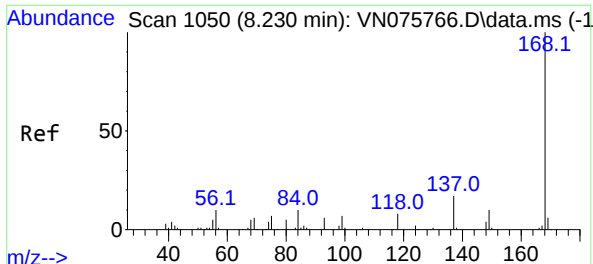
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
Data File : VN076138.D
Acq On : 06 Jan 2023 17:00
Operator : JC\MD
Sample : 01055-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-F

Quant Time: Jan 06 22:57:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

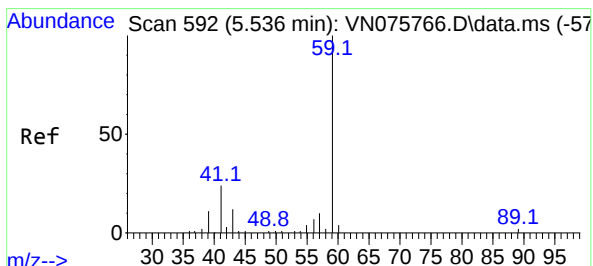
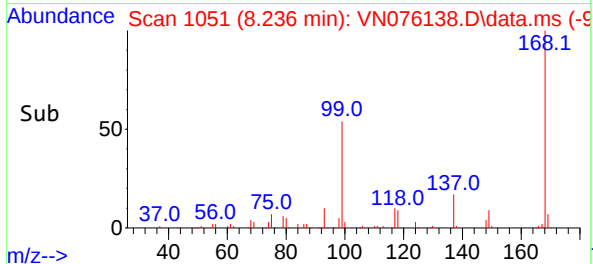
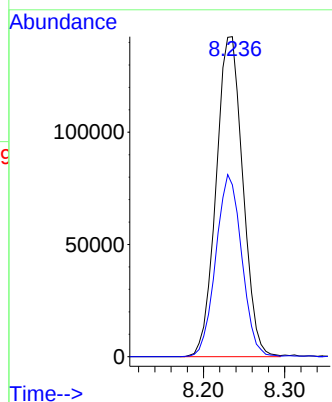
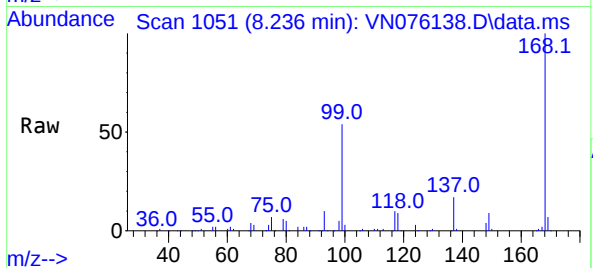




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

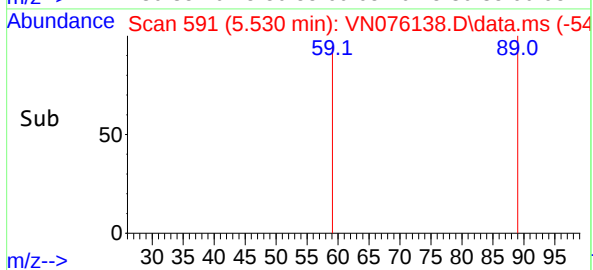
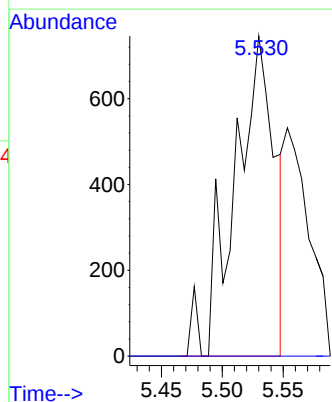
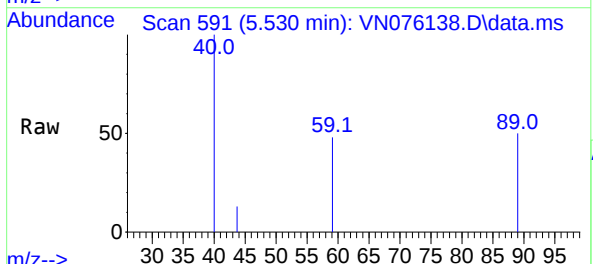
Instrument :
MSVOA_N
ClientSampleId :
MH-F

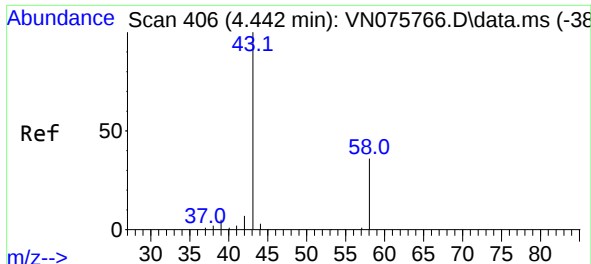
Tgt Ion:168 Resp: 325966
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 3.402 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Tgt Ion: 59 Resp: 1707
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

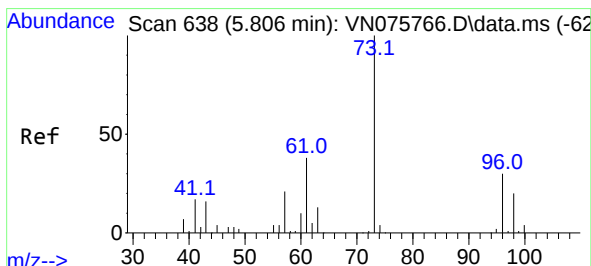
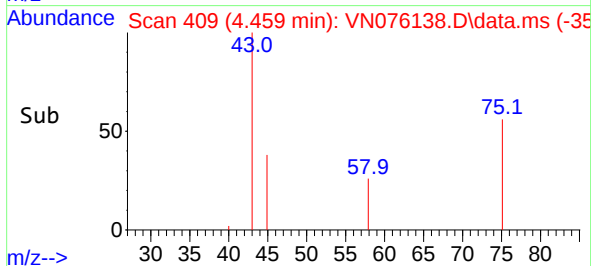
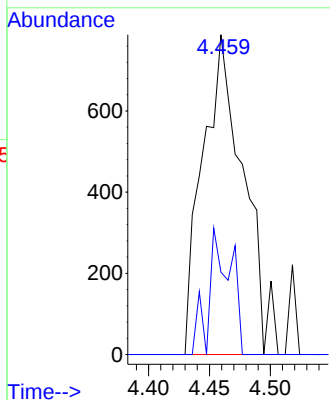
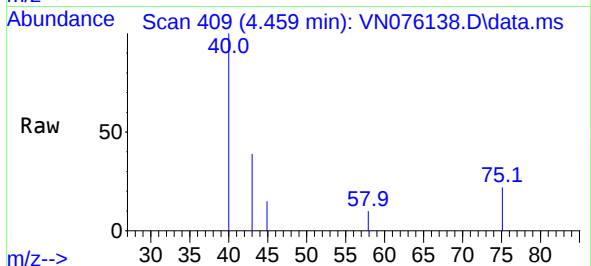




#16
Acetone
Concen: 1.504 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

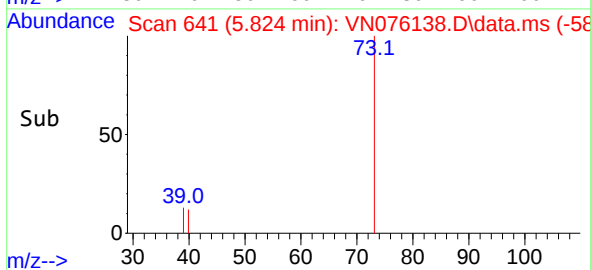
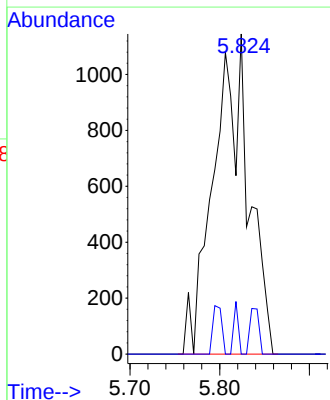
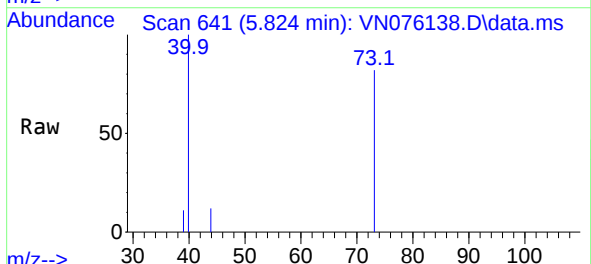
Instrument :
MSVOA_N
ClientSampleId :
MH-F

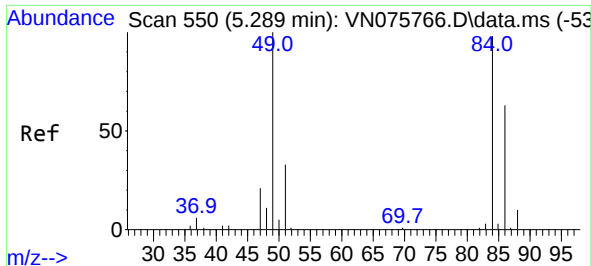
Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
58 25.8 28.6 43.0#



#19
Methyl tert-butyl Ether
Concen: 0.324 ug/l
RT: 5.824 min Scan# 641
Delta R.T. 0.018 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Tgt Ion: 73 Resp: 3084
Ion Ratio Lower Upper
73 100
57 0.0 17.1 25.7#

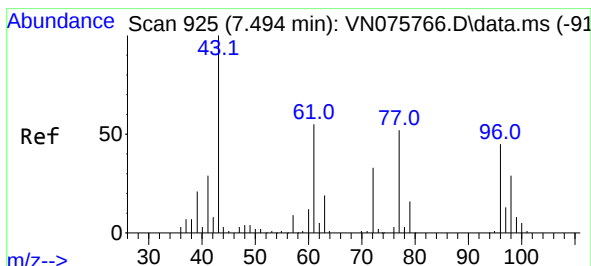
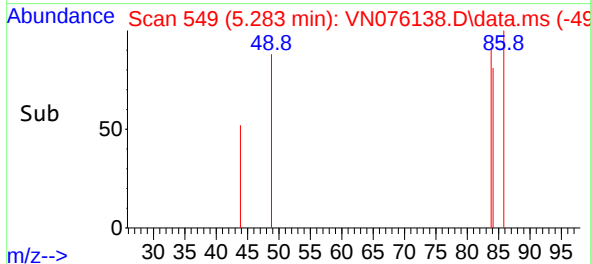
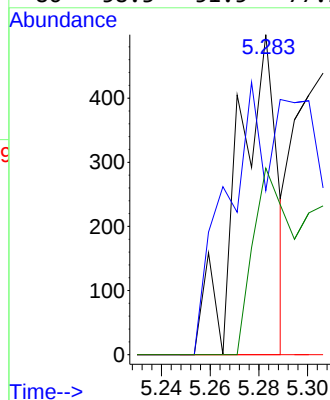
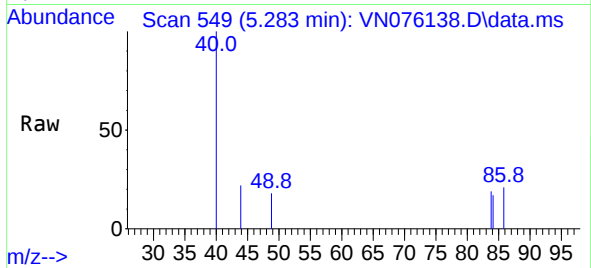




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

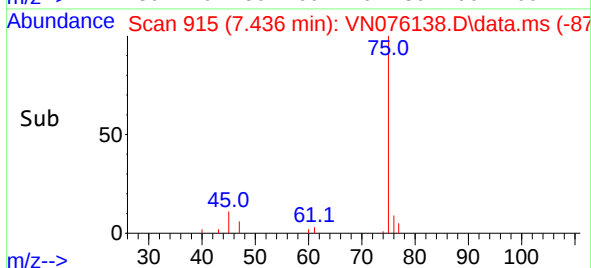
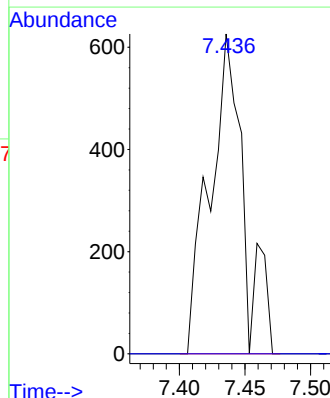
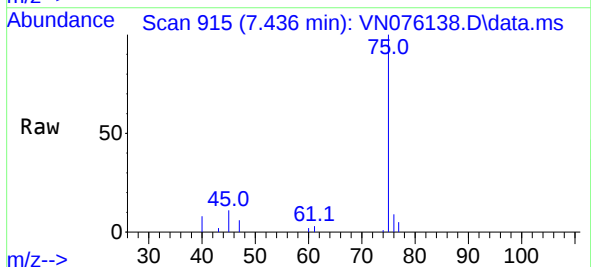
Instrument :
MSVOA_N
ClientSampleId :
MH-F

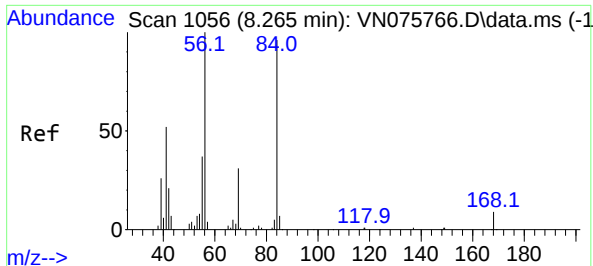
Tgt Ion: 84	Resp: 564
Ion Ratio	Lower Upper
84 100	
49 51.3	81.8 122.6#
51 0.0	26.7 40.1#
86 58.3	51.5 77.3



#26
2,2-Dichloropropane
Concen: 0.243 ug/l
RT: 7.436 min Scan# 915
Delta R.T. -0.059 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Tgt Ion: 77	Resp: 1128		
Ion Ratio	Lower	Upper	
77 100			
97 0.0	12.7	38.0#	

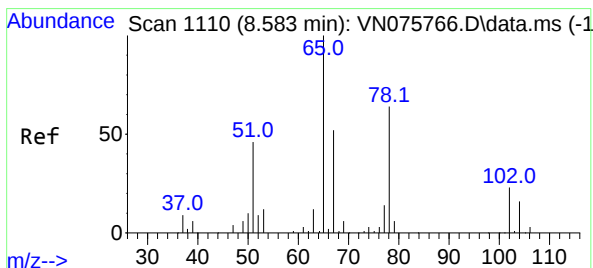
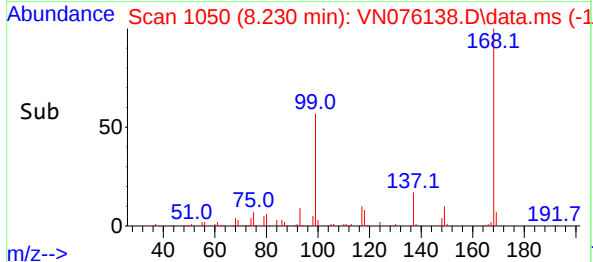
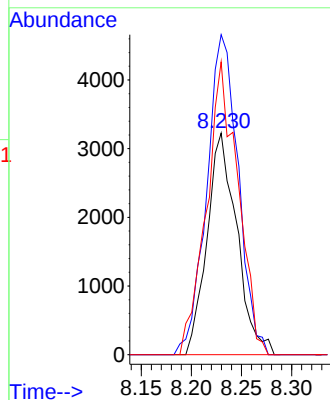
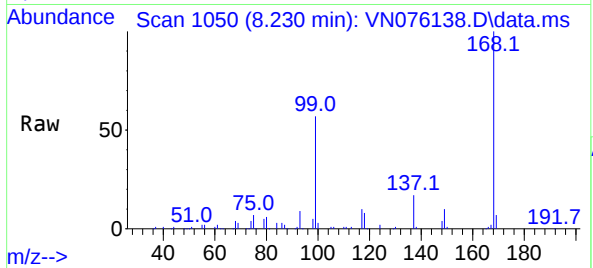




#31
Cyclohexane
Concen: 1.313 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

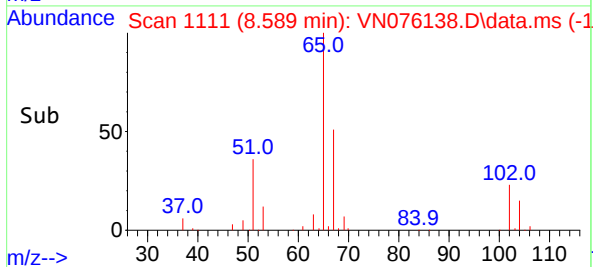
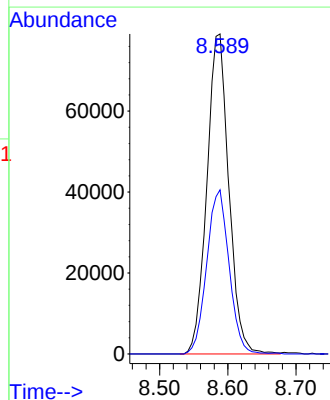
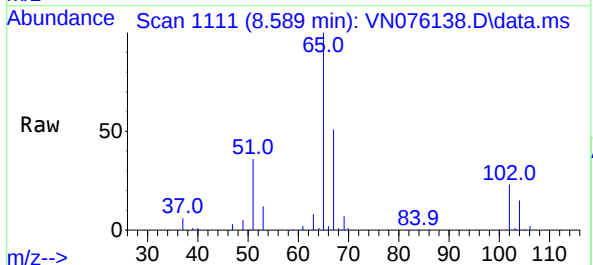
Instrument :
MSVOA_N
ClientSampleId :
MH-F

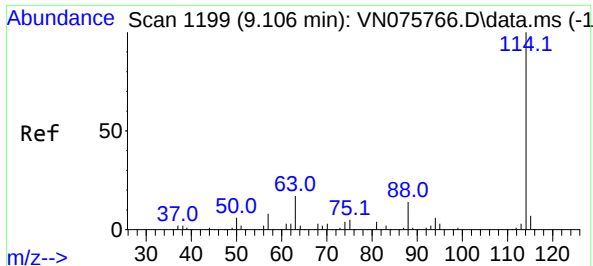
Tgt Ion: 56 Resp: 6669
Ion Ratio Lower Upper
56 100
69 144.5 24.7 37.1#
84 132.1 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 49.863 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Tgt Ion: 65 Resp: 176825
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4

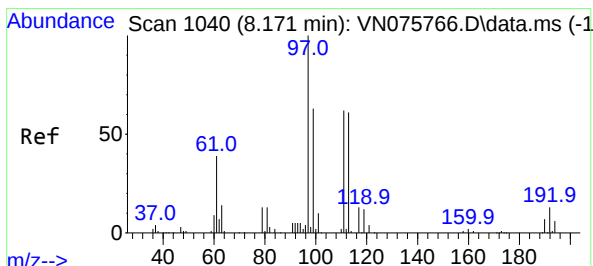
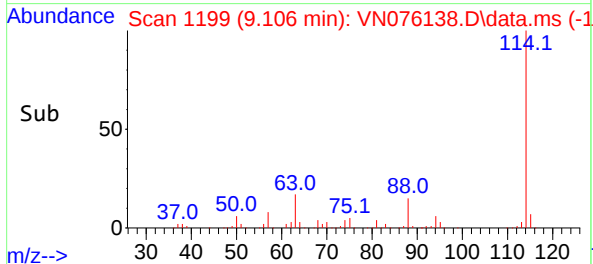
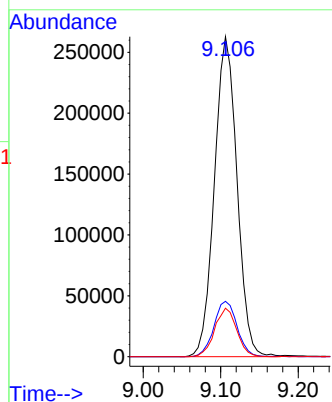
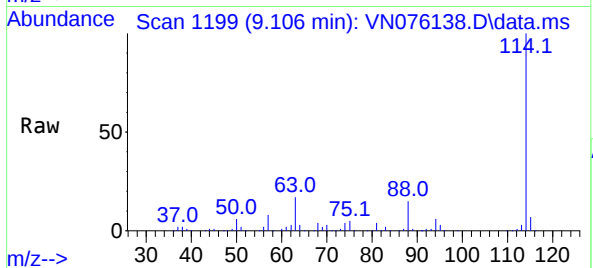




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

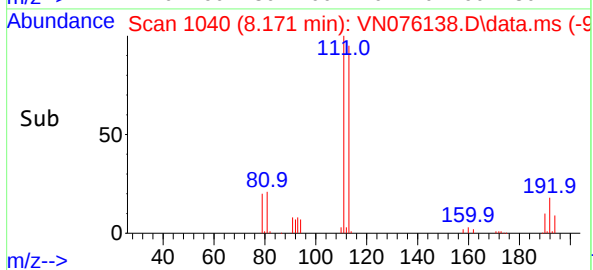
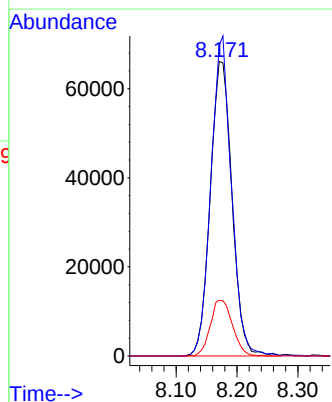
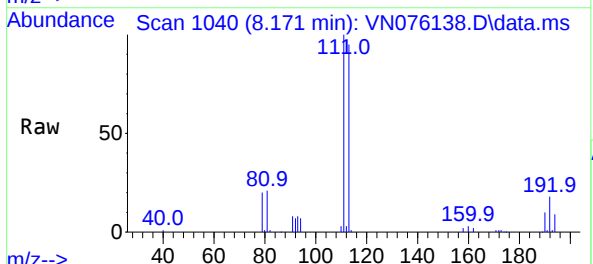
Instrument :
MSVOA_N
ClientSampleId :
MH-F

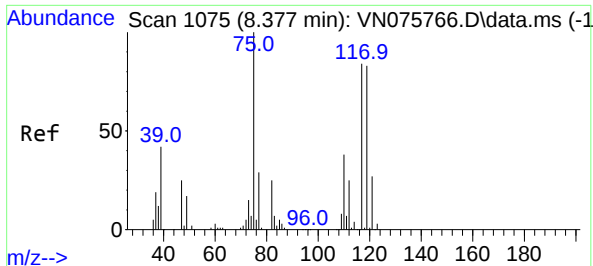
Tgt Ion:114 Resp: 532196
Ion Ratio Lower Upper
114 100
63 17.3 0.0 34.4
88 15.1 0.0 28.8



#35
Dibromofluoromethane
Concen: 49.777 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Tgt Ion:113 Resp: 164055
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.2
192 19.3 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.308 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076138.D

Acq: 06 Jan 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

MH-F

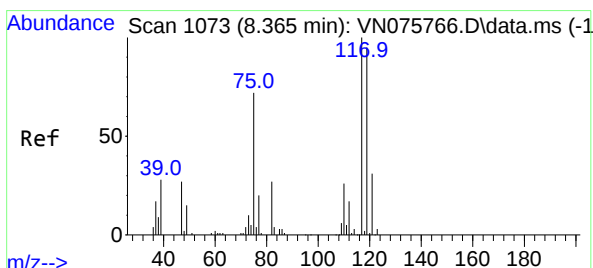
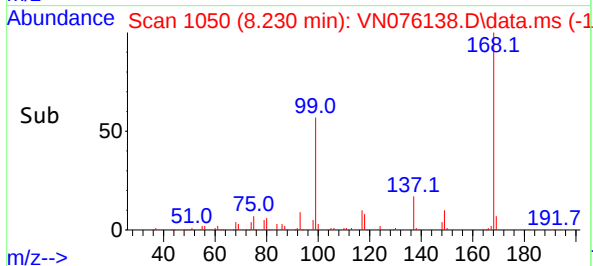
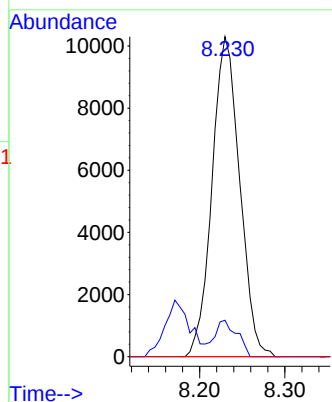
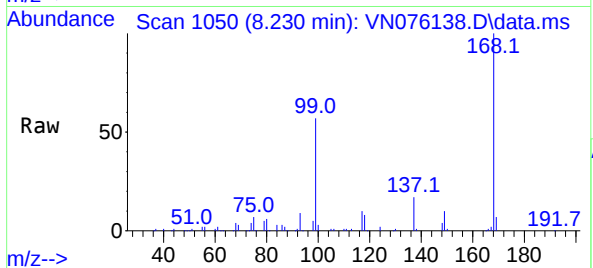
Tgt Ion: 75 Resp: 23241

Ion Ratio Lower Upper

75 100

110 9.3 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.631 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076138.D

Acq: 06 Jan 2023 17:00

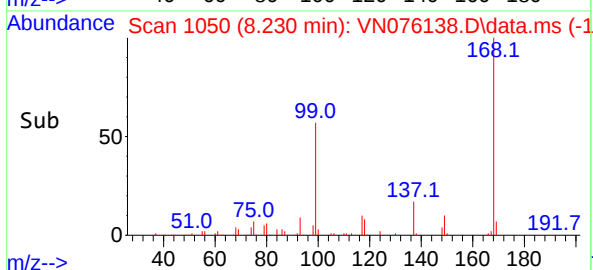
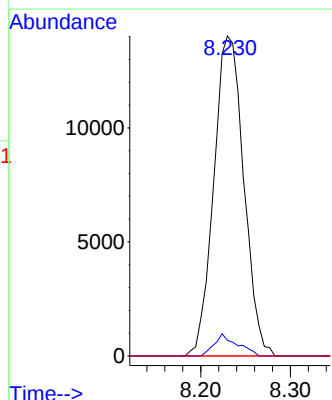
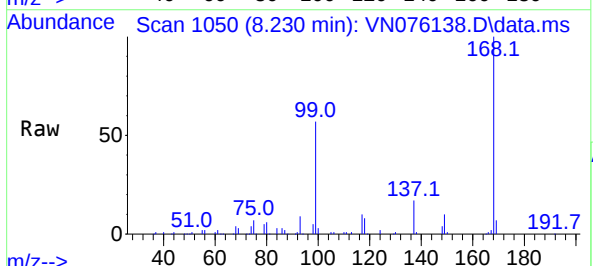
Tgt Ion: 117 Resp: 32495

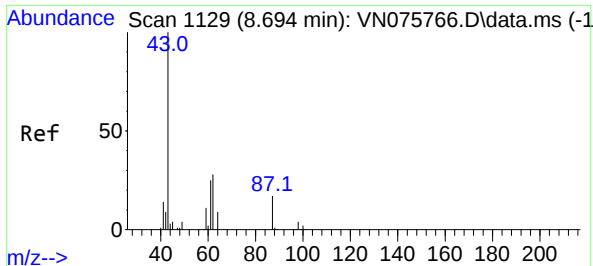
Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

121 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 1.576 ug/l

RT: 8.688 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN076138.D

Acq: 06 Jan 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

MH-F

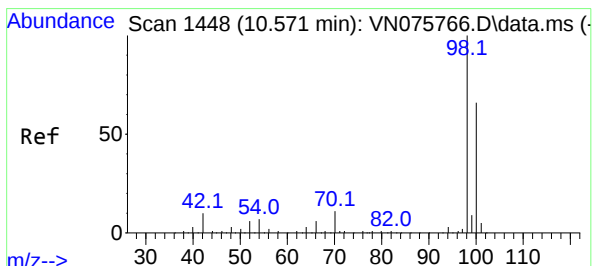
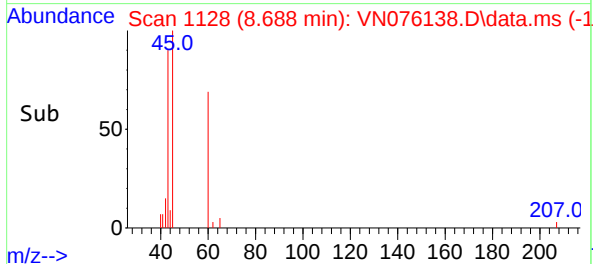
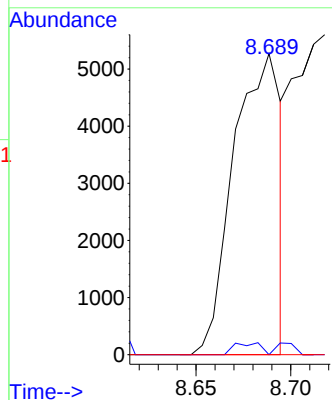
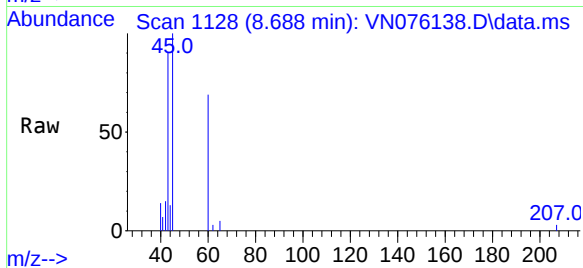
Tgt Ion: 43 Resp: 9143

Ion Ratio Lower Upper

43 100

61 1.5 24.2 36.4#

87 0.0 13.3 19.9#



#50

Toluene-d8

Concen: 49.852 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076138.D

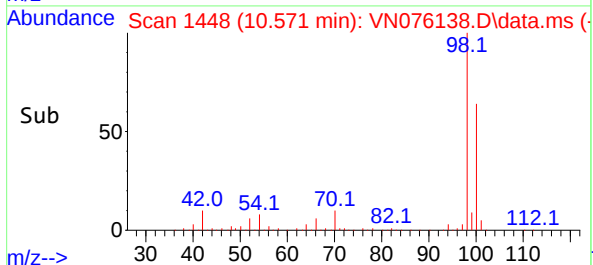
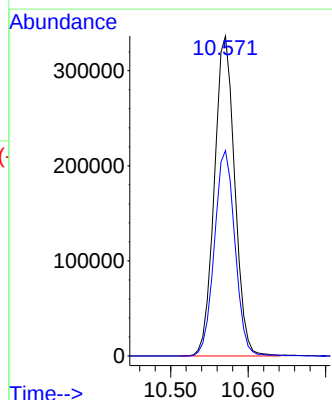
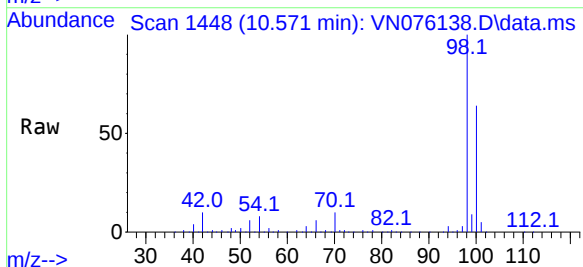
Acq: 06 Jan 2023 17:00

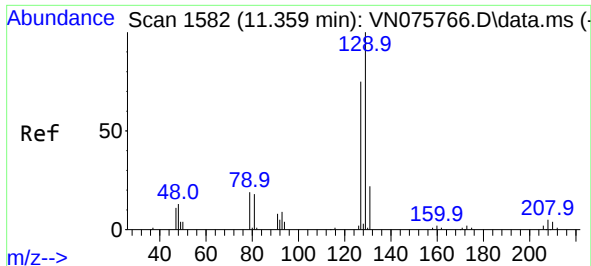
Tgt Ion: 98 Resp: 614313

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1

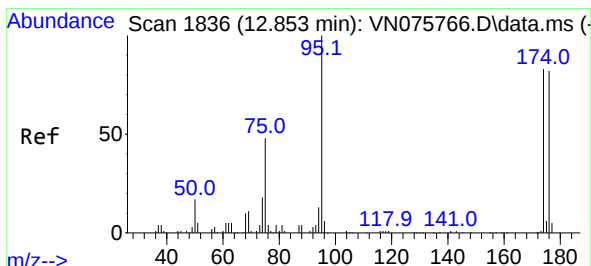
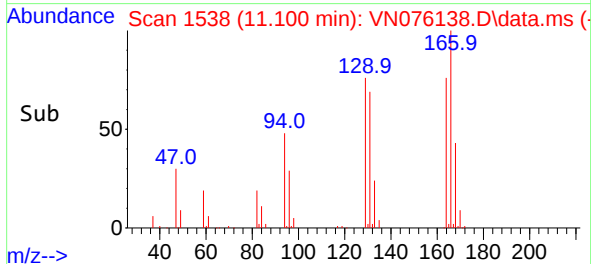
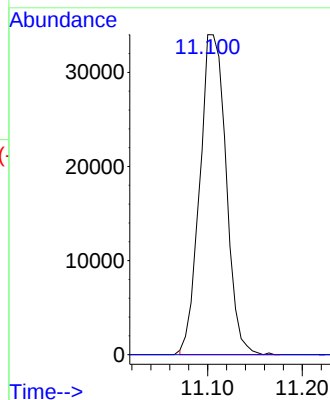
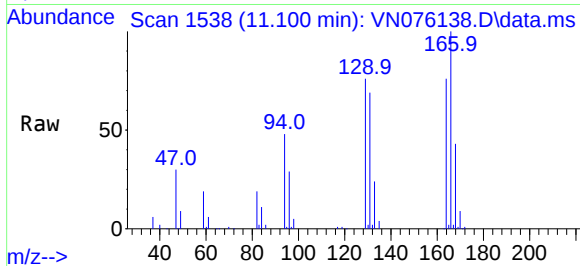




#60
Dibromochloromethane
Concen: 17.069 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

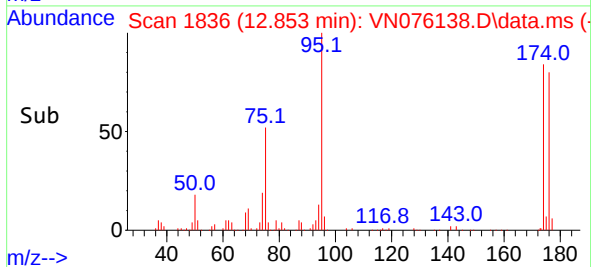
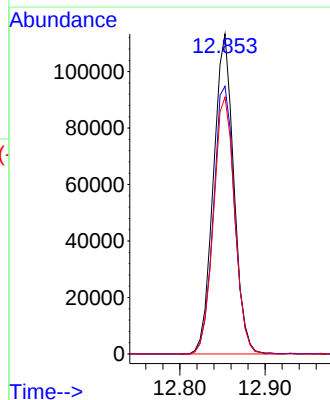
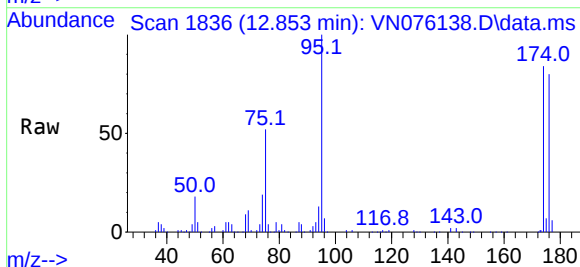
Instrument :
MSVOA_N
ClientSampleId :
MH-F

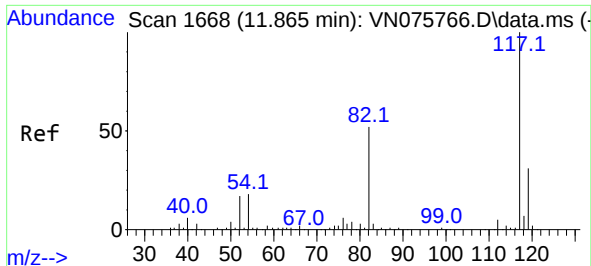
Tgt Ion:129 Resp: 65549
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 46.056 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Tgt Ion: 95 Resp: 187972
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 83.1 0.0 169.2

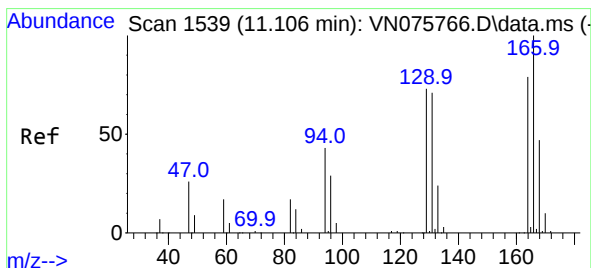
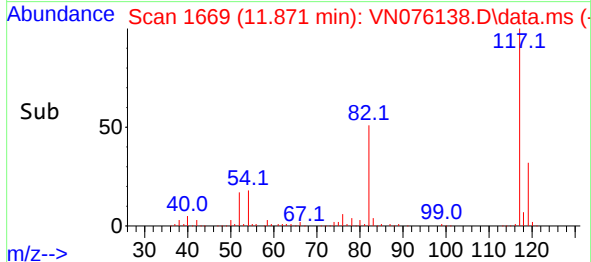
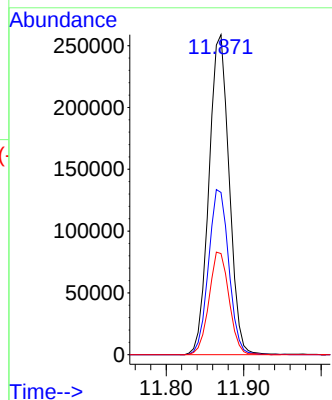
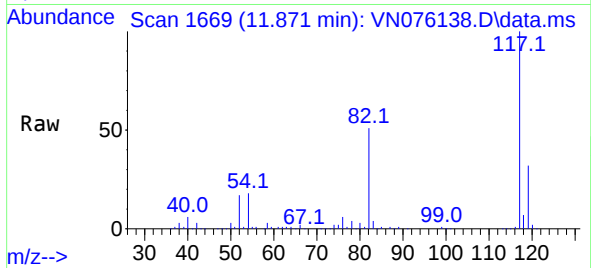




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

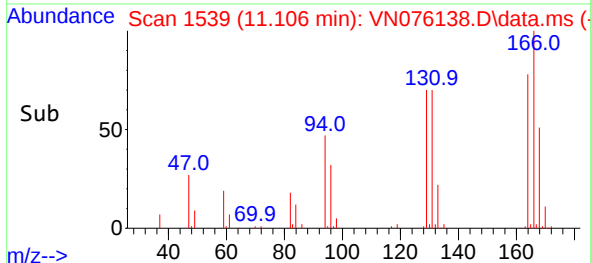
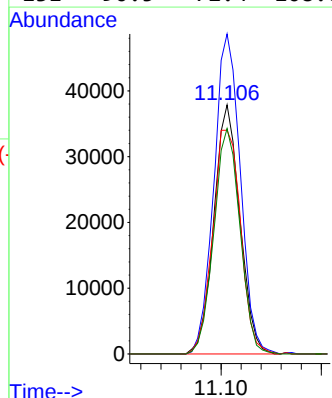
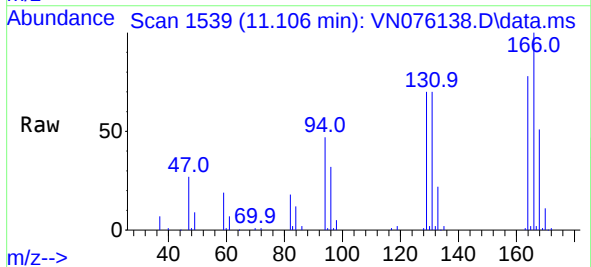
Instrument :
MSVOA_N
ClientSampleId :
MH-F

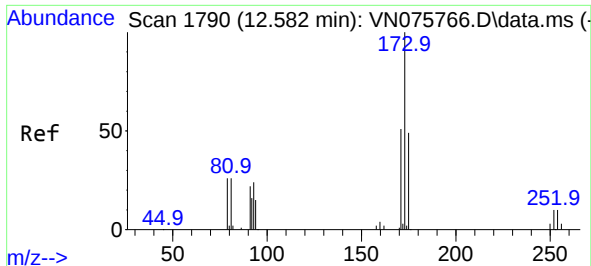
Tgt Ion:117 Resp: 467820
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 31.6 24.6 37.0



#64
Tetrachloroethene
Concen: 20.698 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Tgt Ion:164 Resp: 68137
Ion Ratio Lower Upper
164 100
166 128.4 101.9 152.9
129 89.7 74.2 111.2
131 90.5 72.4 108.6

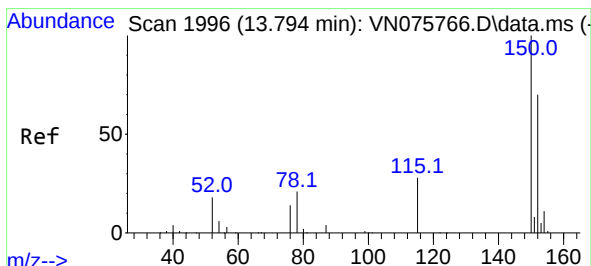
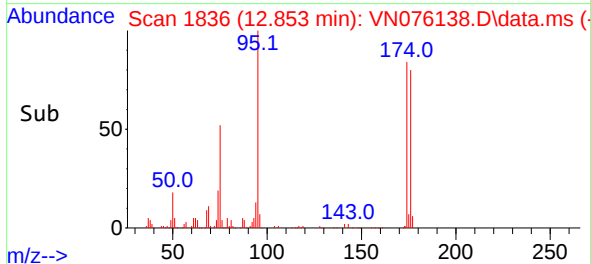
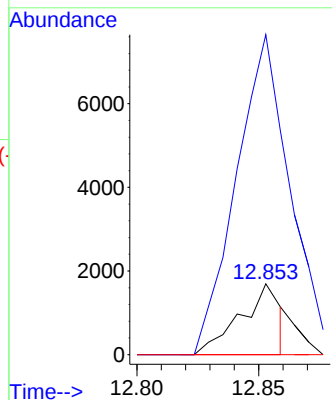
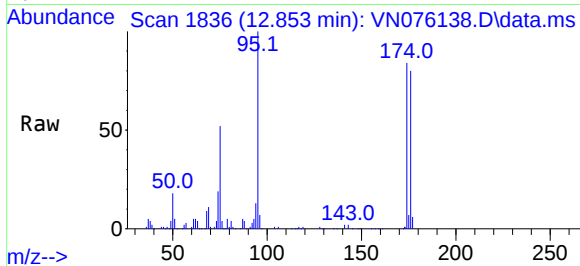




#71
Bromoform
Concen: 0.747 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

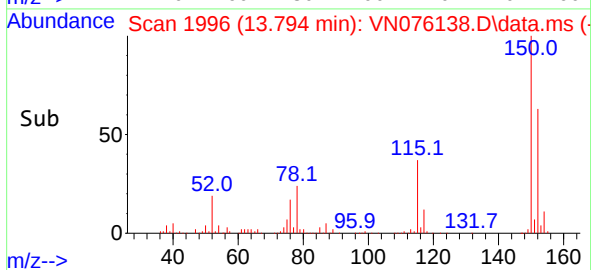
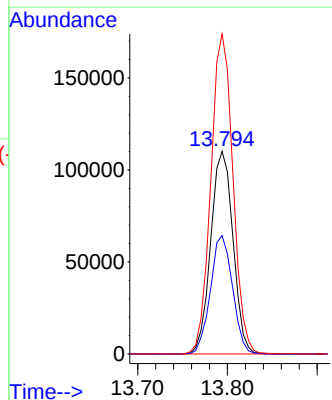
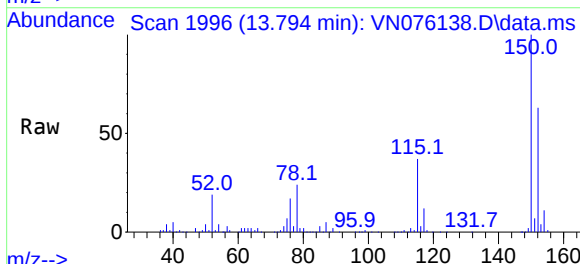
Instrument :
MSVOA_N
ClientSampleId :
MH-F

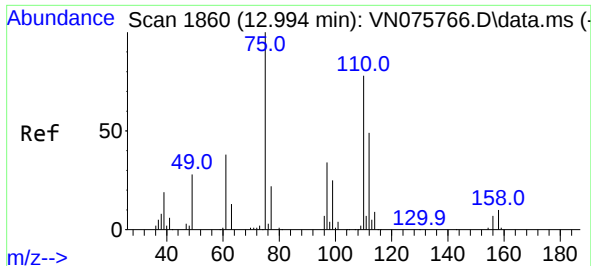
Tgt Ion:173 Resp: 1933
Ion Ratio Lower Upper
173 100
175 495.0 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Tgt Ion:152 Resp: 190053
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 156.4 0.0 347.0

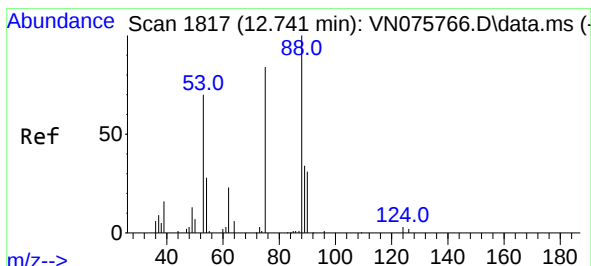
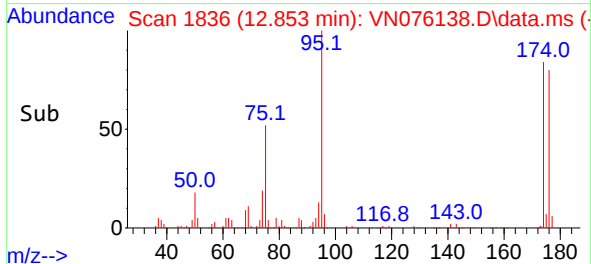
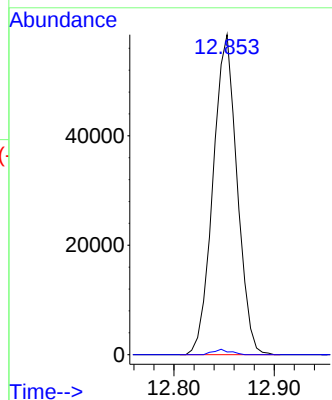
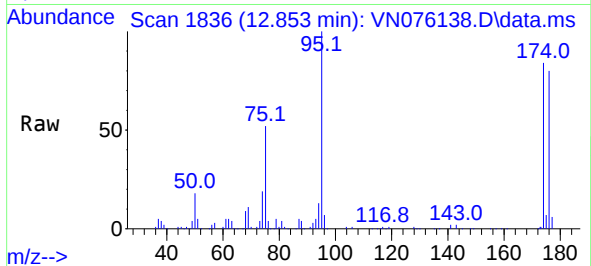




#76
1,2,3-Trichloropropane
Concen: 25.488 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

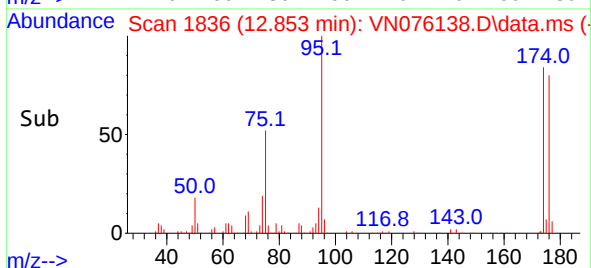
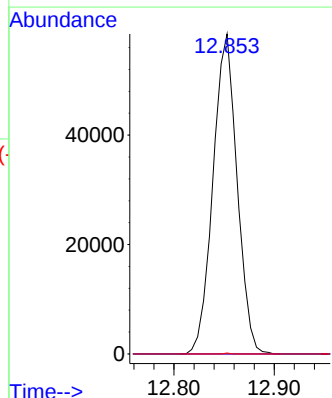
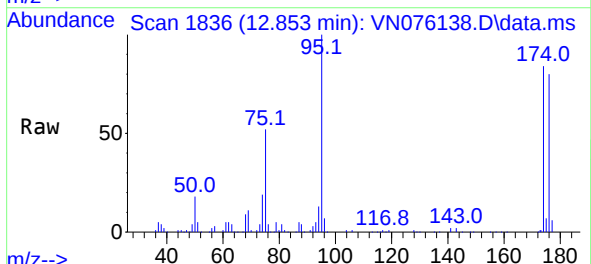
Instrument :
MSVOA_N
ClientSampleId :
MH-F

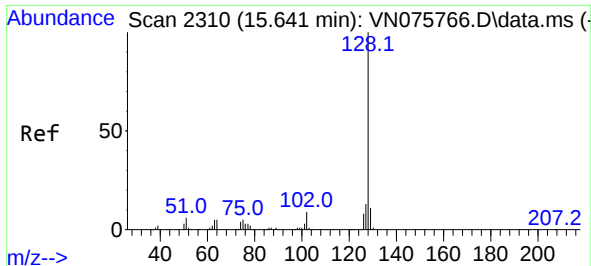
Tgt Ion: 75 Resp: 97646
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.745 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Tgt Ion: 75 Resp: 97646
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.1 39.5 59.3#





#95

Naphthalene

Concen: 2.204 ug/l

RT: 15.629 min Scan# 21

Delta R.T. -0.012 min

Lab File: VN076138.D

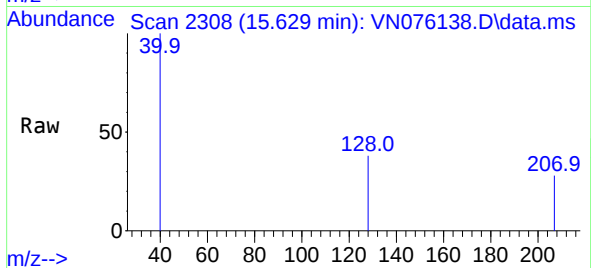
Acq: 06 Jan 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

MH-F



Tgt Ion:128 Resp: 282

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

