

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071686.D
 Acq On : 31 Mar 2022 02:57
 Operator : JC\MD
 Sample : N2075-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-178I-20220322

Quant Time: Mar 31 07:46:50 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	8.081	168	647995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1106963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1119544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	402961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	380039	51.373	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.740%
35) Dibromofluoromethane	8.016	113	315568	48.446	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.900%
50) Toluene-d8	10.439	98	1379239	51.760	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.727	95	462191	53.631	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.260%

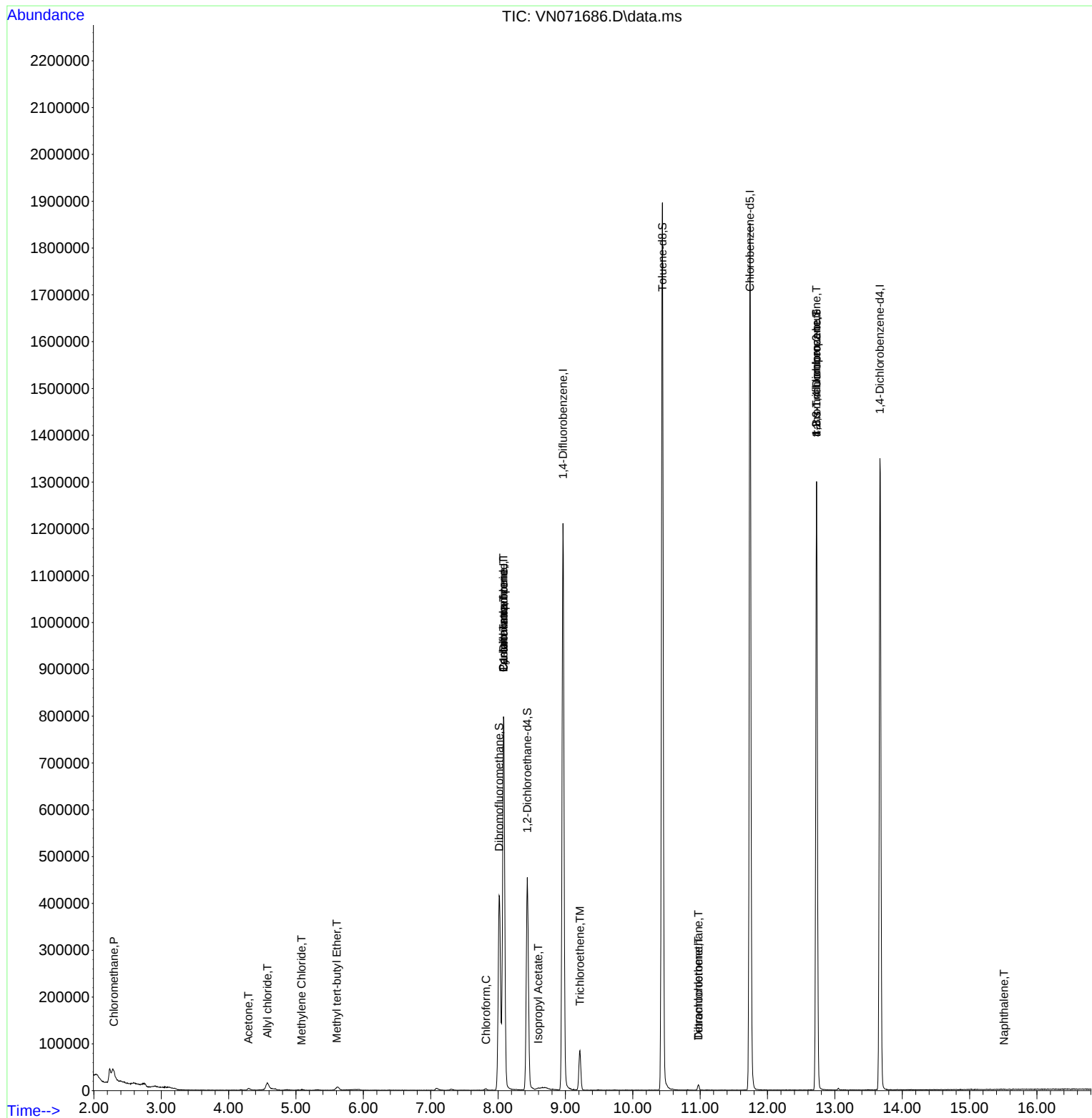
Target Compounds					Qvalue	
3) Chloromethane	2.299	50	2588	0.396	ug/l #	79
14) Allyl chloride	4.575	41	2442	0.281	ug/l #	70
16) Acetone	4.293	43	4564	1.444	ug/l	96
18) Methyl Acetate	4.869	43	2916	Below Cal	#	78
19) Methyl tert-butyl Ether	5.604	73	11564	0.582	ug/l	95
20) Methylene Chloride	5.081	84	1411	0.212	ug/l #	69
30) Chloroform	7.822	83	3620	0.309	ug/l #	76
31) Cyclohexane	8.081	56	11320	1.125	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	45763	5.031	ug/l #	48
38) Carbon Tetrachloride	8.081	117	59001	6.618	ug/l #	16
43) Isopropyl Acetate	8.598	43	3420	0.207	ug/l #	53
44) Trichloroethene	9.216	130	33433	4.516	ug/l	99
60) Dibromochloromethane	10.974	129	2591	0.355	ug/l #	11
64) Tetrachloroethene	10.974	164	2937	0.397	ug/l #	81
76) 1,2,3-Trichloropropane	12.727	75	223676	23.961	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	223676	74.255	ug/l #	10
95) Naphthalene	15.509	128	427	3.824	ug/l #	69

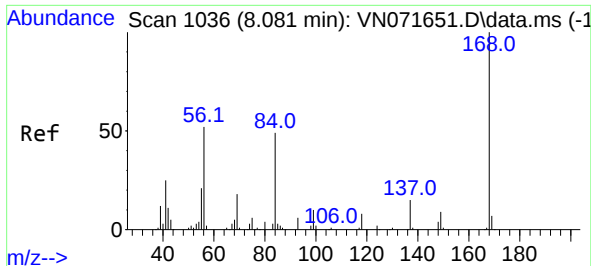
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
Data File : VN071686.D
Acq On : 31 Mar 2022 02:57
Operator : JC\MD
Sample : N2075-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

Quant Time: Mar 31 07:46:50 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

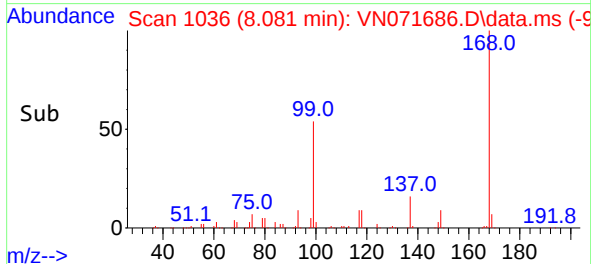
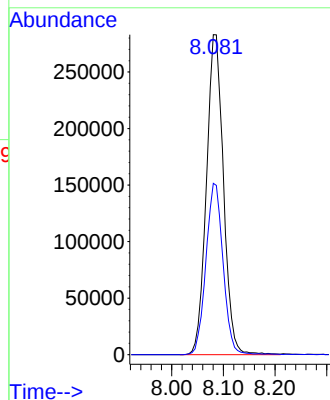
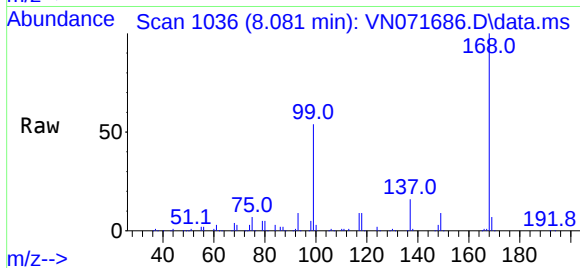




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

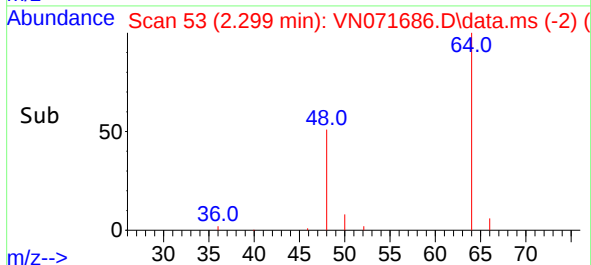
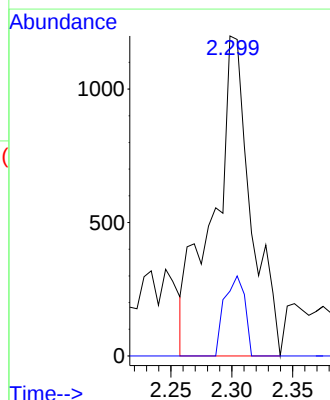
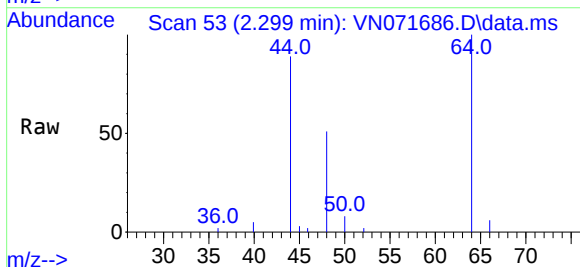
Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

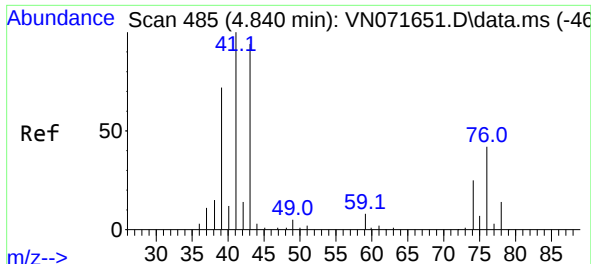
Tgt Ion:168 Resp: 647995
Ion Ratio Lower Upper
168 100
99 53.6 42.3 63.5



#3
Chloromethane
Concen: 0.396 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion: 50 Resp: 2588
Ion Ratio Lower Upper
50 100
52 20.3 25.7 38.5#

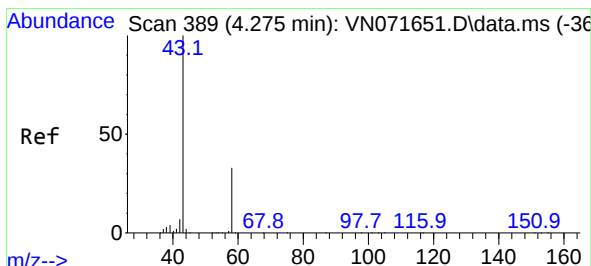
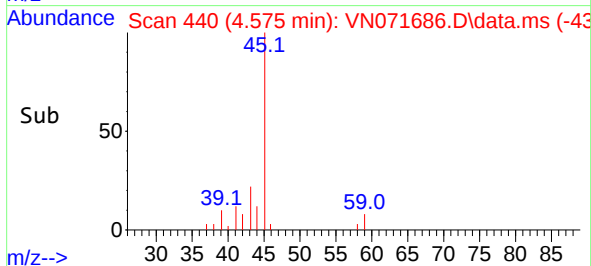
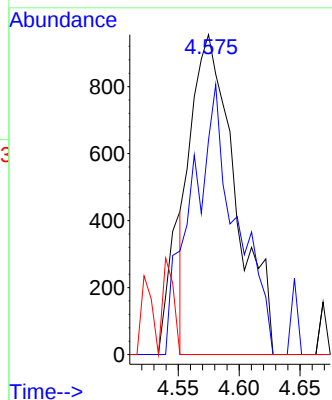
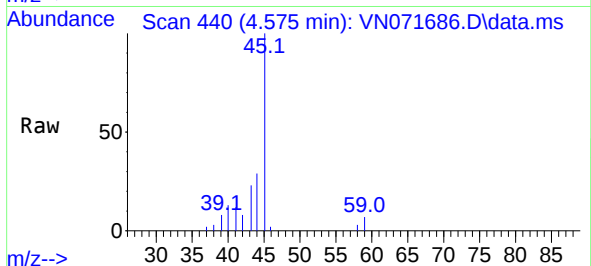




#14
Allyl chloride
Concen: 0.281 ug/l
RT: 4.575 min Scan# 41
Delta R.T. -0.265 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

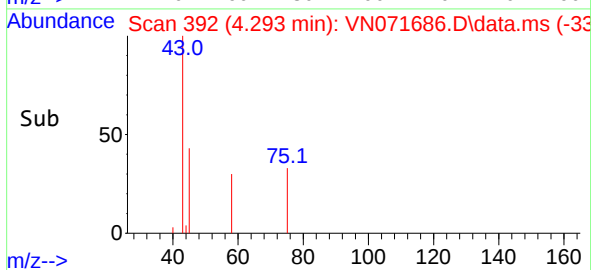
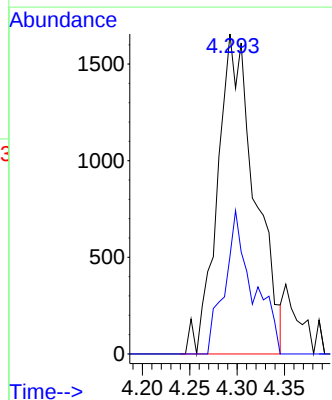
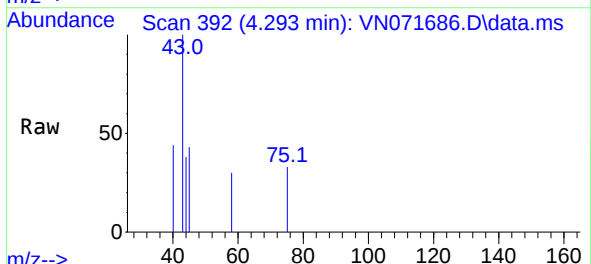
Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

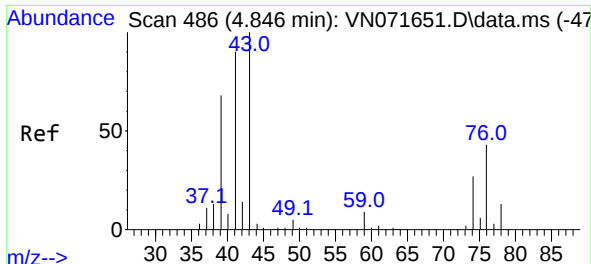
Tgt Ion: 41 Resp: 2442
Ion Ratio Lower Upper
41 100
39 75.7 53.2 79.8
76 0.0 29.9 44.9#



#16
Acetone
Concen: 1.444 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion: 43 Resp: 4564
Ion Ratio Lower Upper
43 100
58 30.5 26.0 39.0

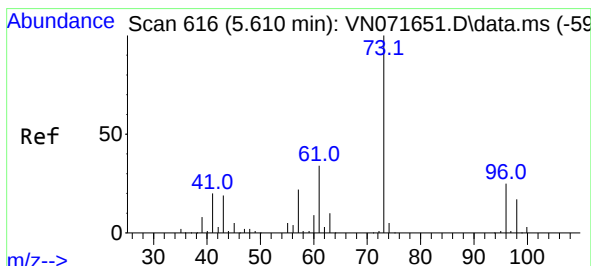
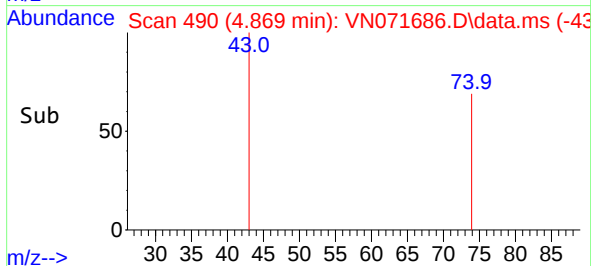
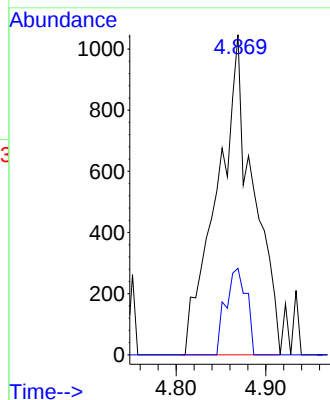
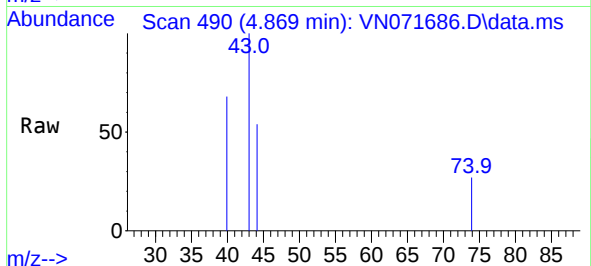




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

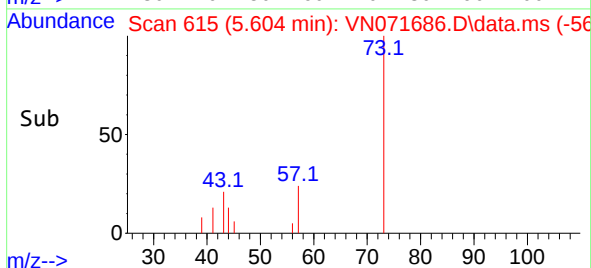
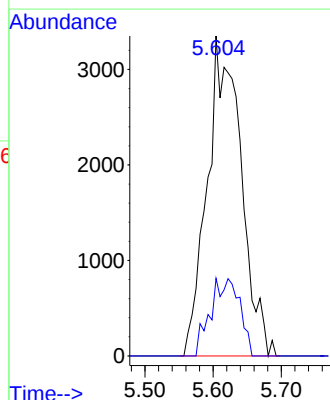
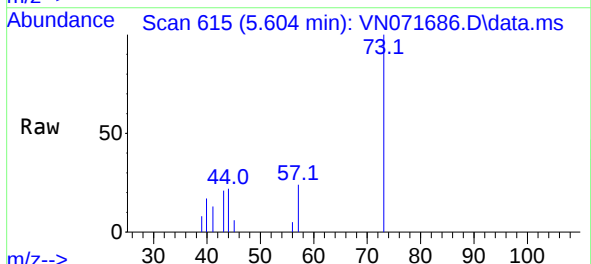
Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

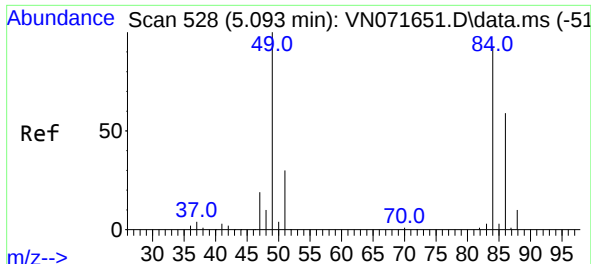
Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
74 15.5 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 0.582 ug/l
RT: 5.604 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

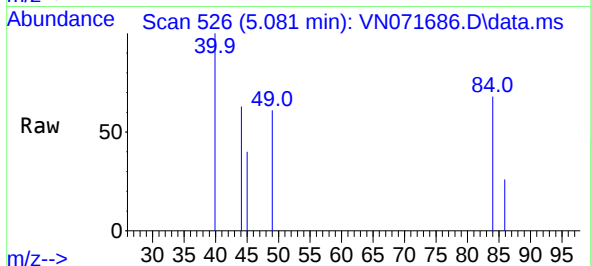
Tgt Ion: 73 Resp: 11564
Ion Ratio Lower Upper
73 100
57 24.2 17.6 26.4





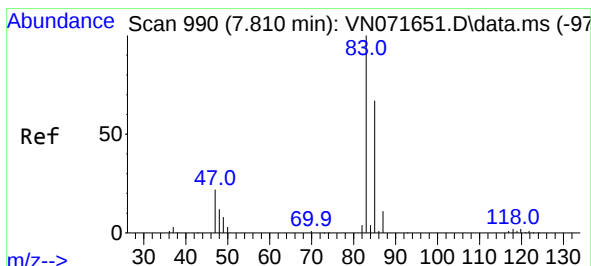
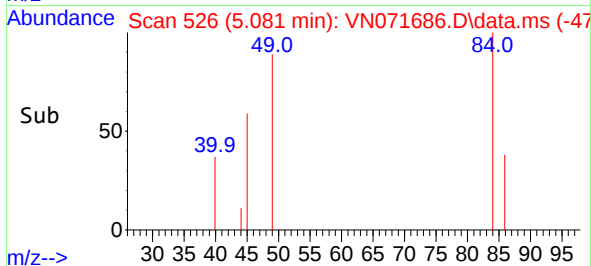
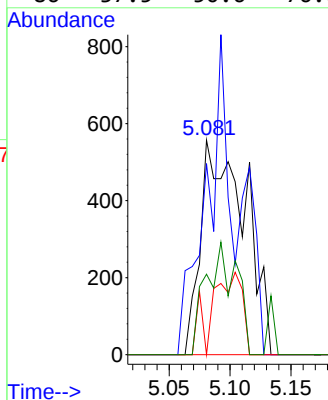
#20
Methylene Chloride
Concen: 0.212 ug/l
RT: 5.081 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322



Tgt Ion: 84 Resp: 1411

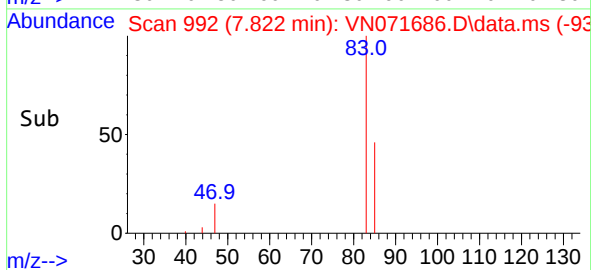
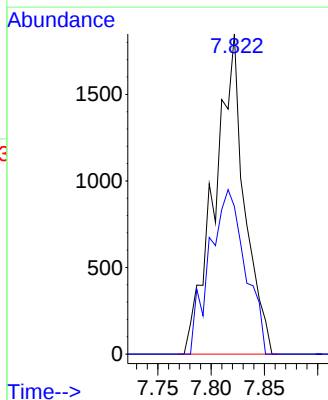
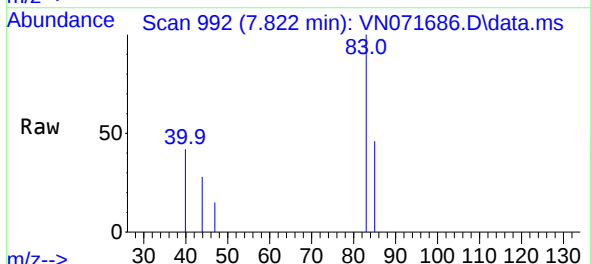
Ion	Ratio	Lower	Upper
84	100		
49	89.0	88.3	132.5
51	0.0	28.2	42.2#
86	37.5	50.6	76.0#

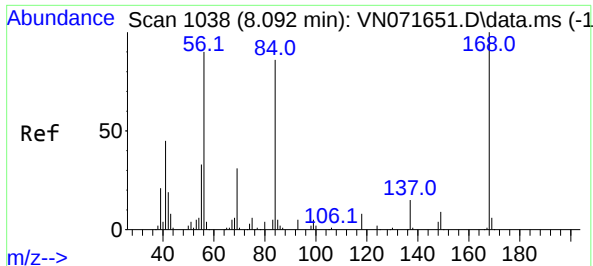


#30
Chloroform
Concen: 0.309 ug/l
RT: 7.822 min Scan# 992
Delta R.T. 0.012 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion: 83 Resp: 3620

Ion	Ratio	Lower	Upper
83	100		
85	46.1	51.8	77.8#





#31

Cyclohexane

Concen: 1.125 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN071686.D

Acq: 31 Mar 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

MW-178I-20220322

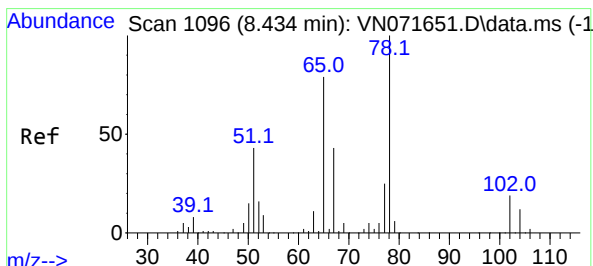
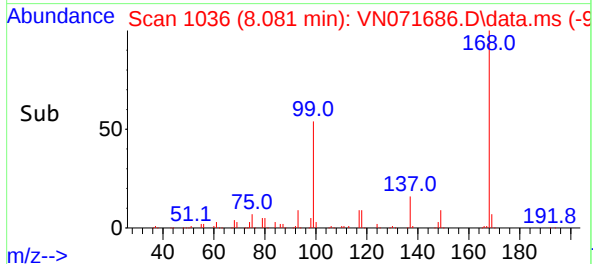
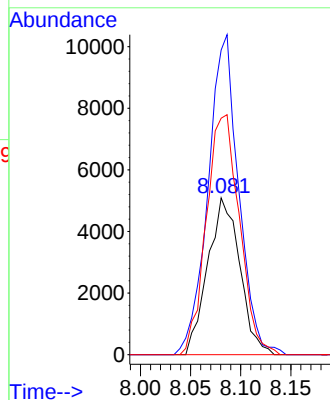
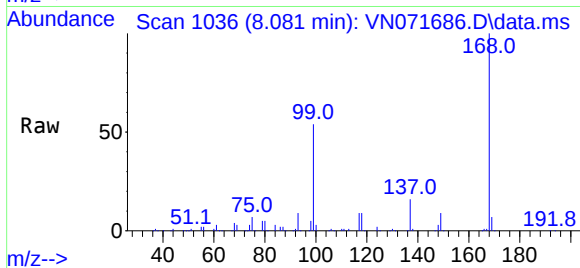
Tgt Ion: 56 Resp: 11320

Ion Ratio Lower Upper

56 100

69 191.4 27.8 41.8#

84 150.9 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 51.373 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071686.D

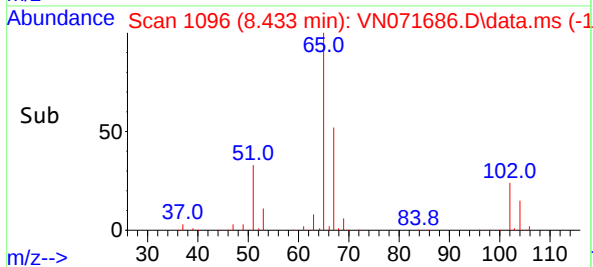
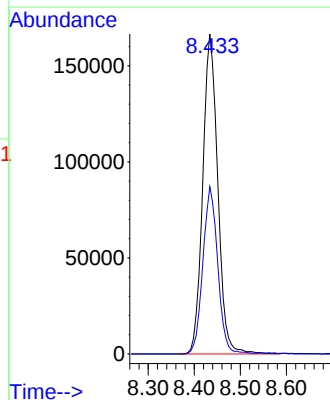
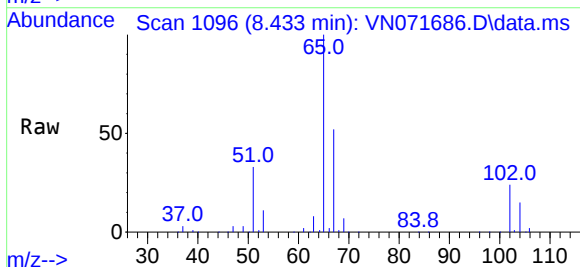
Acq: 31 Mar 2022 02:57

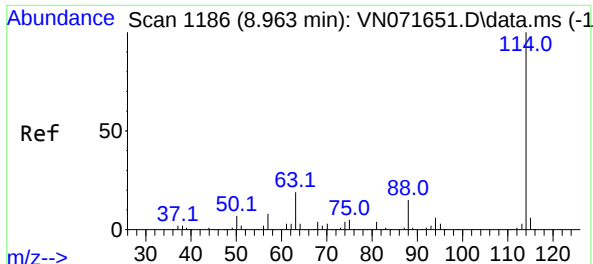
Tgt Ion: 65 Resp: 380039

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071686.D

Acq: 31 Mar 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

MW-178I-20220322

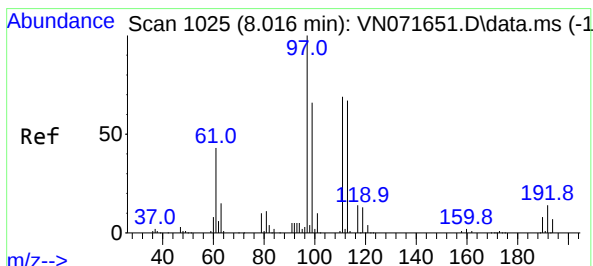
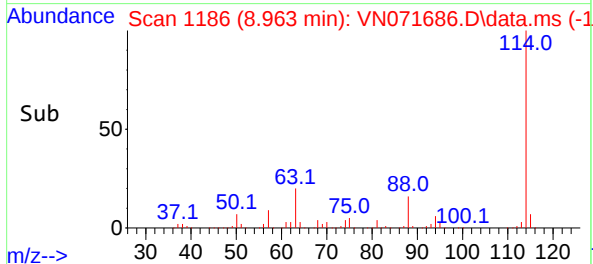
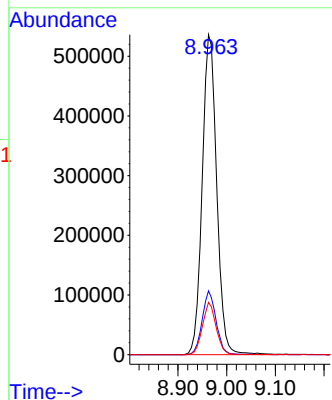
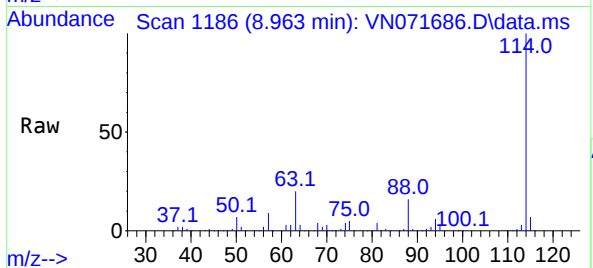
Tgt Ion:114 Resp: 1106963

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.446 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071686.D

Acq: 31 Mar 2022 02:57

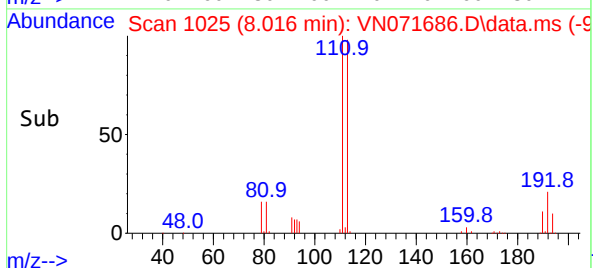
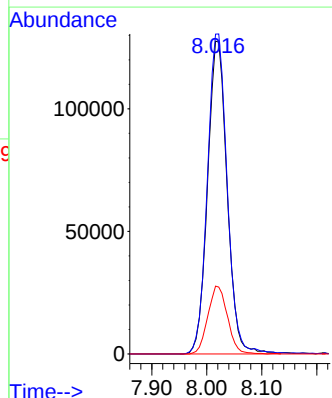
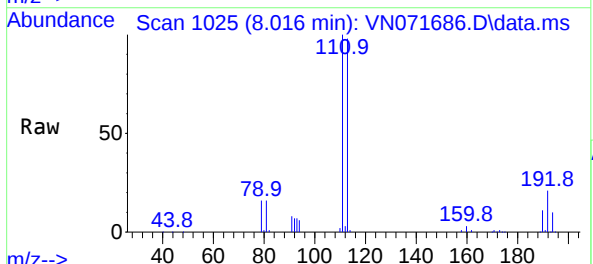
Tgt Ion:113 Resp: 315568

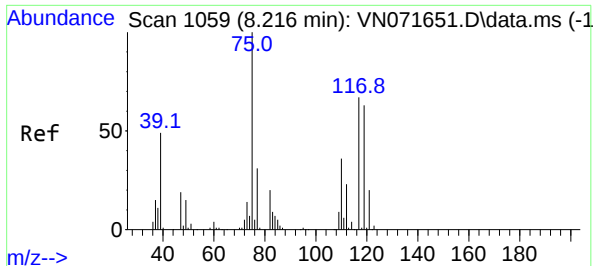
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 21.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.031 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071686.D

Acq: 31 Mar 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

MW-178I-20220322

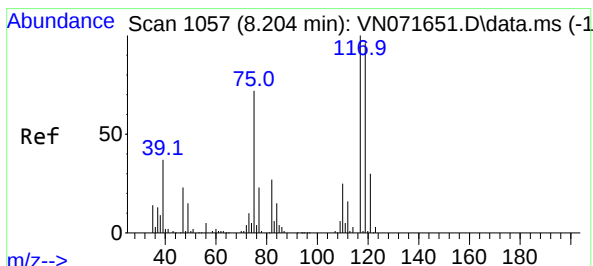
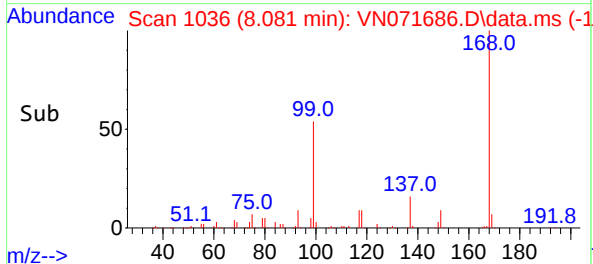
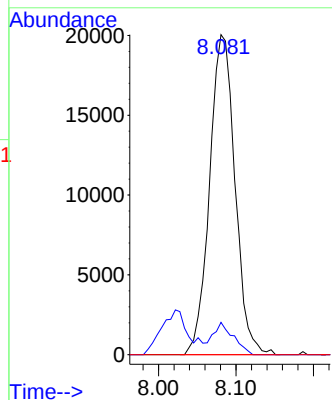
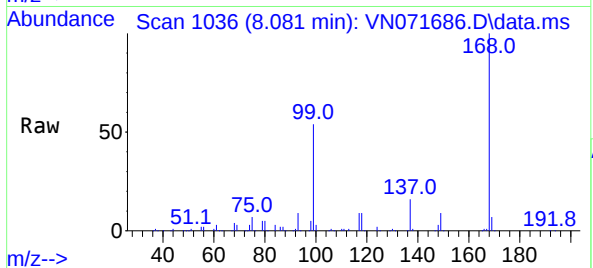
Tgt Ion: 75 Resp: 45763

Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.618 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071686.D

Acq: 31 Mar 2022 02:57

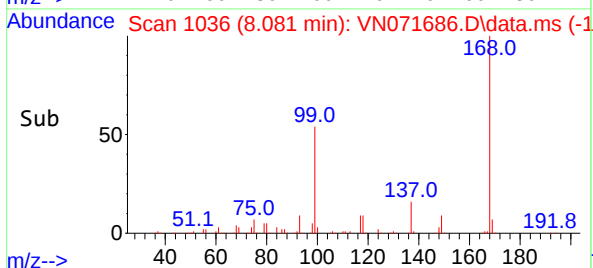
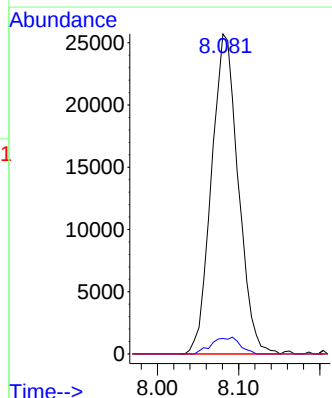
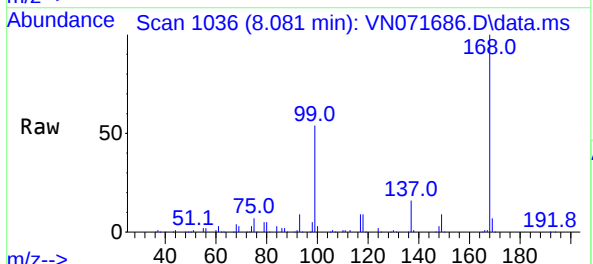
Tgt Ion: 117 Resp: 59001

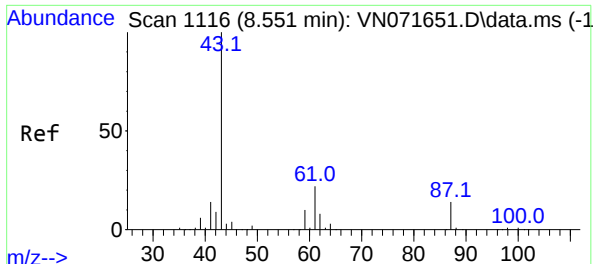
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.8#

121 0.0 24.6 37.0#

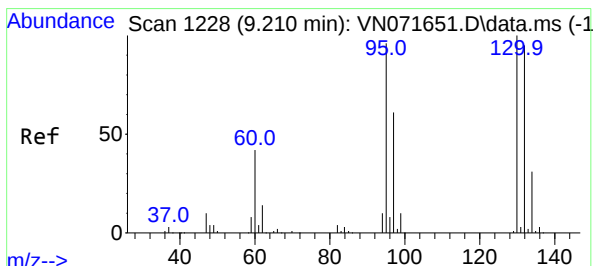
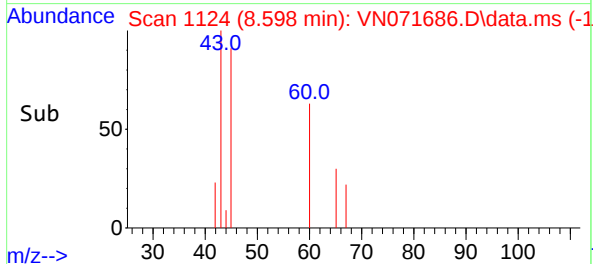
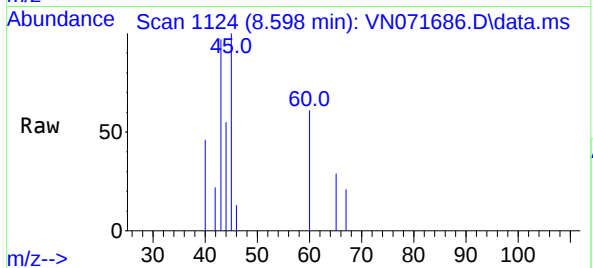




#43
Isopropyl Acetate
Concen: 0.207 ug/l
RT: 8.598 min Scan# 1116
Delta R.T. 0.047 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

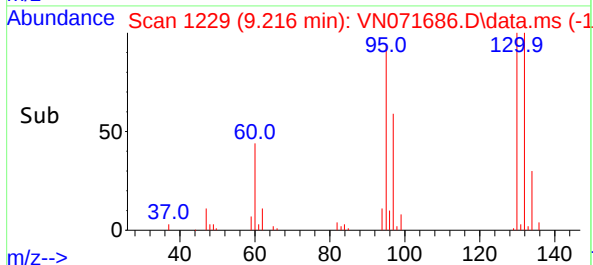
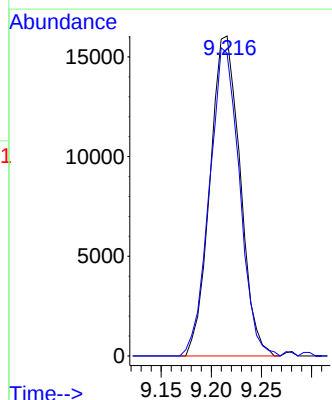
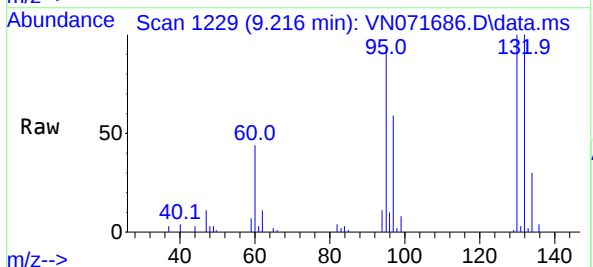
Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

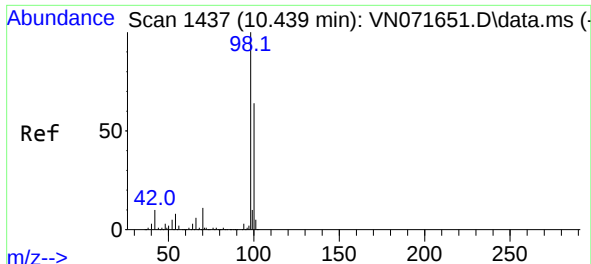
Tgt Ion: 43 Resp: 3420
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 4.516 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion: 130 Resp: 33433
Ion Ratio Lower Upper
130 100
95 94.6 0.0 186.8

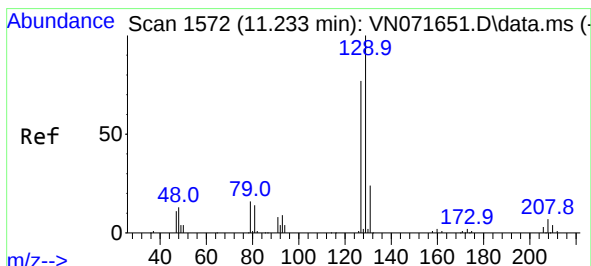
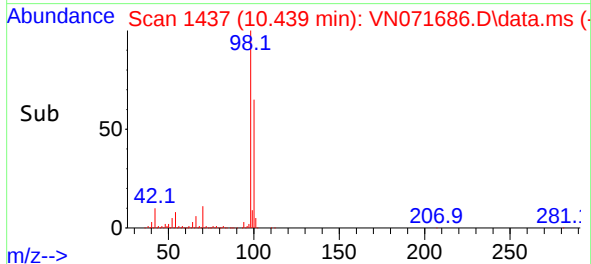
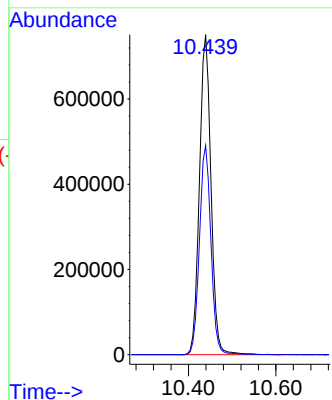
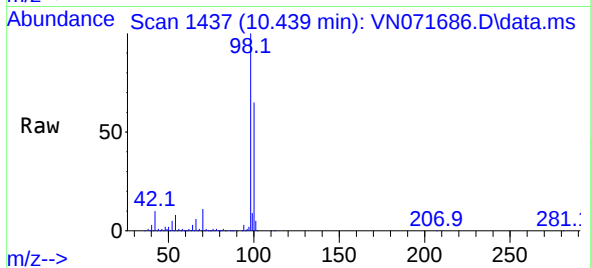




#50
Toluene-d8
Concen: 51.760 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

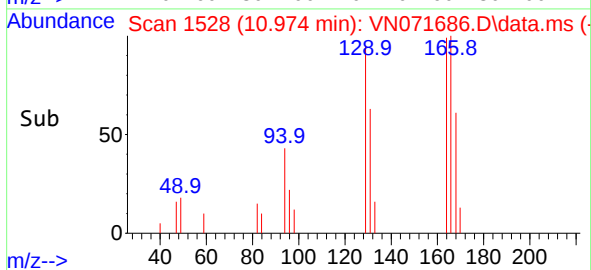
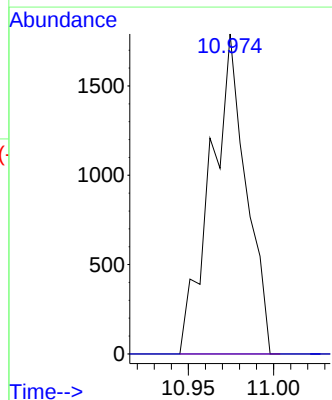
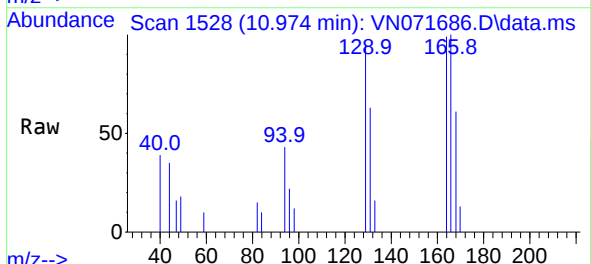
Instrument :
MSVOA_N
ClientSampleId :
MW-1781-20220322

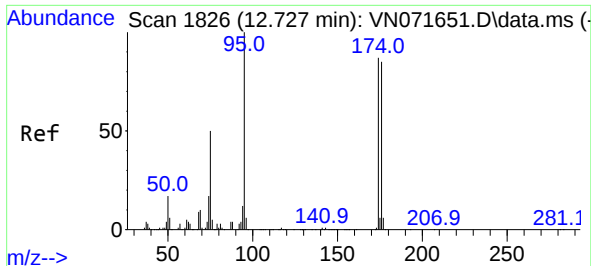
Tgt Ion: 98 Resp: 1379239
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#60
Dibromochloromethane
Concen: 0.355 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.259 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion:129 Resp: 2591
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

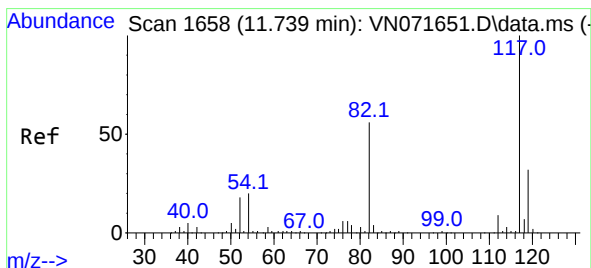
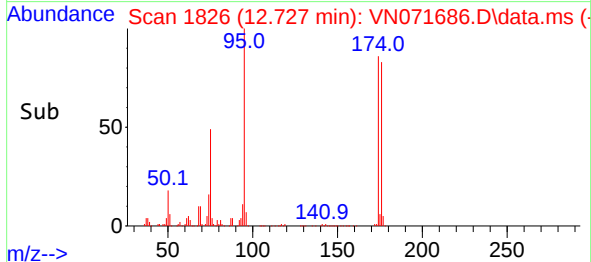
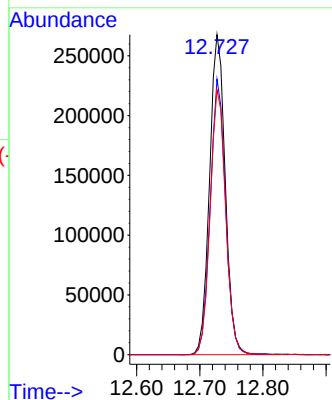
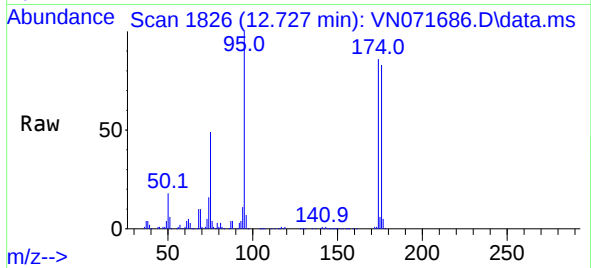




#62
4-Bromofluorobenzene
Concen: 53.631 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

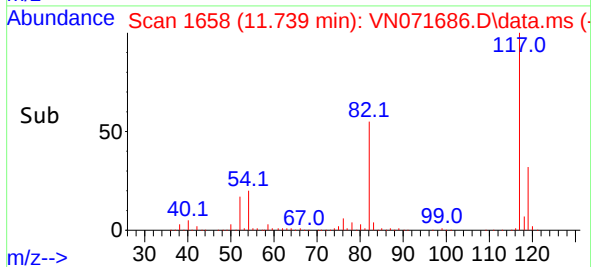
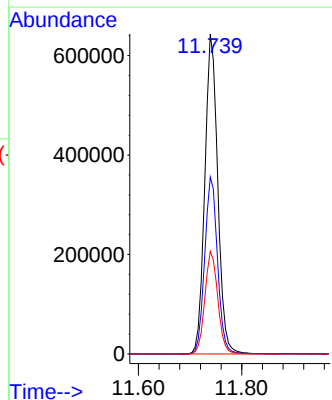
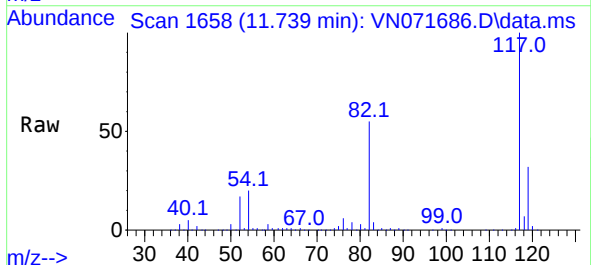
Instrument :
MSVOA_N
ClientSampleId :
MW-1781-20220322

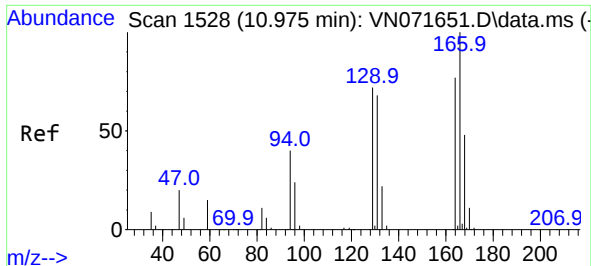
Tgt Ion: 95 Resp: 462191
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.6
176 81.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

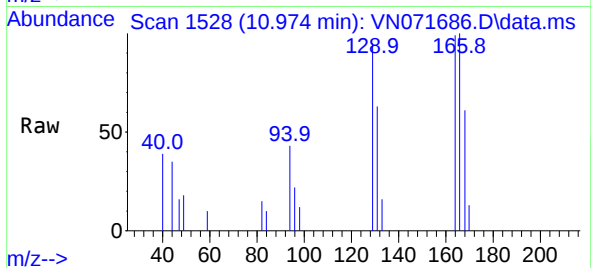
Tgt Ion: 117 Resp: 1119544
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.1 25.4 38.0



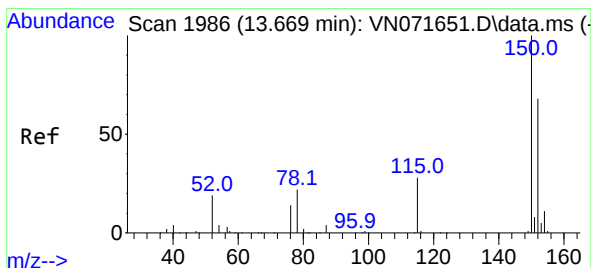
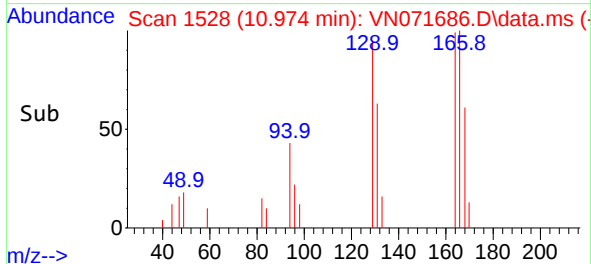
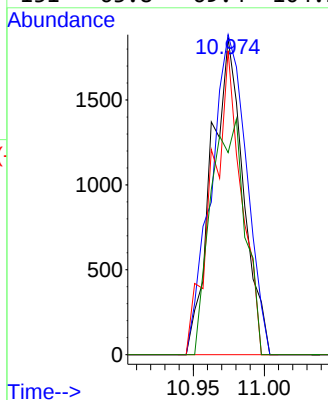


#64
Tetrachloroethene
Concen: 0.397 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

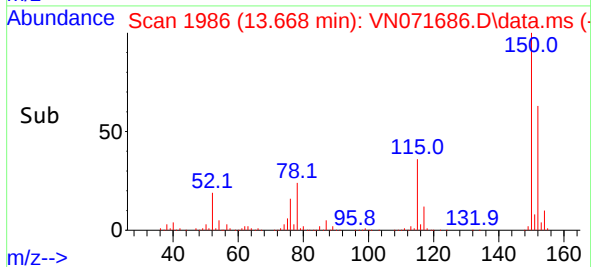
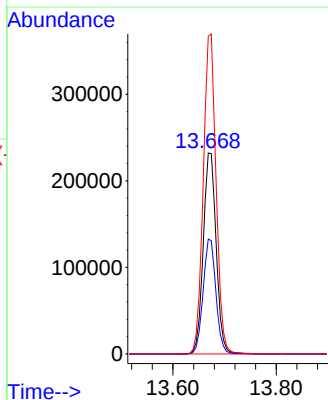
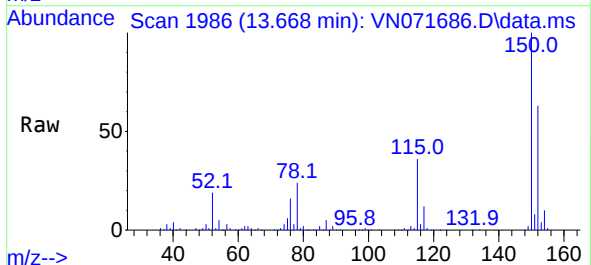


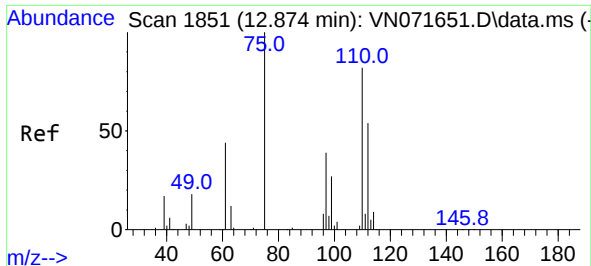
Tgt Ion:164 Resp: 2937
Ion Ratio Lower Upper
164 100
166 101.1 104.2 156.2#
129 96.1 73.9 110.9
131 63.8 69.4 104.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion:152 Resp: 402961
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 158.1 0.0 356.2

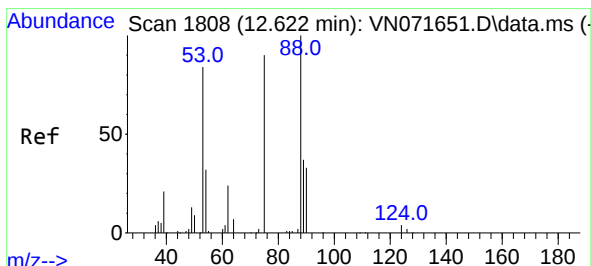
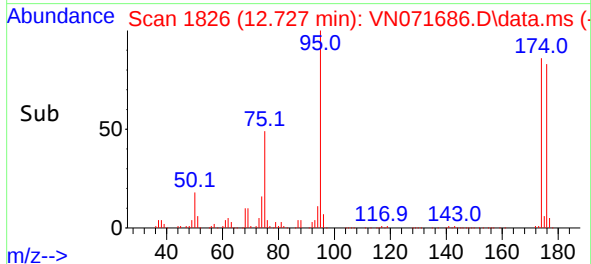
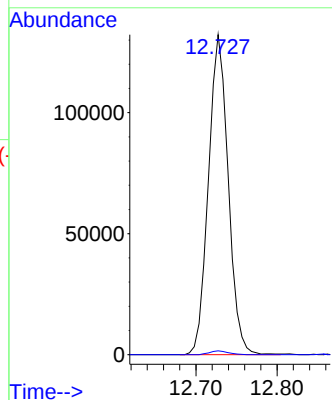
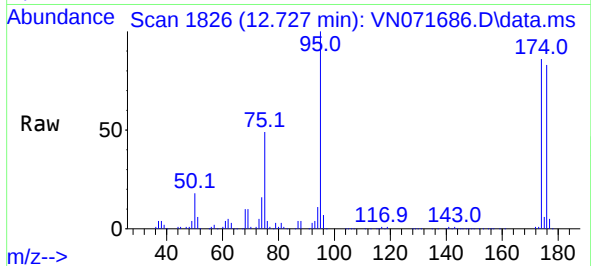




#76
1,2,3-Trichloropropane
Concen: 23.961 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

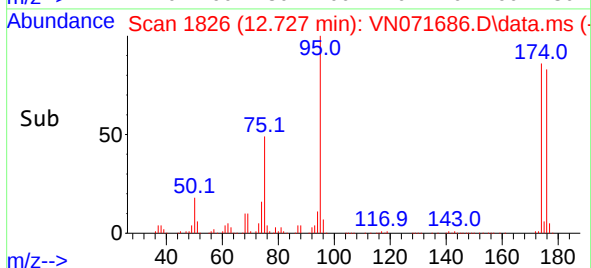
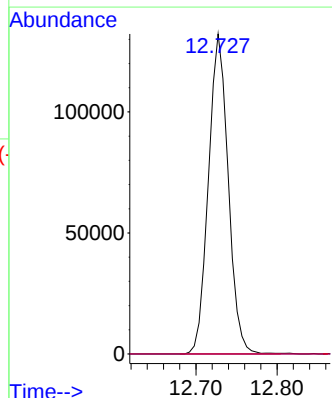
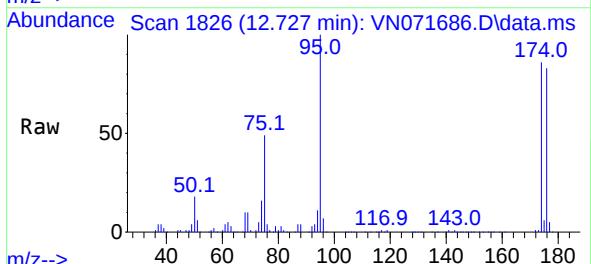
Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

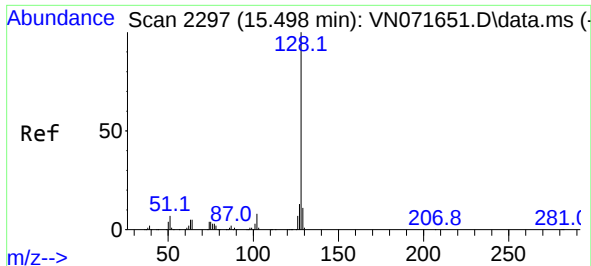
Tgt Ion: 75 Resp: 223676
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.255 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

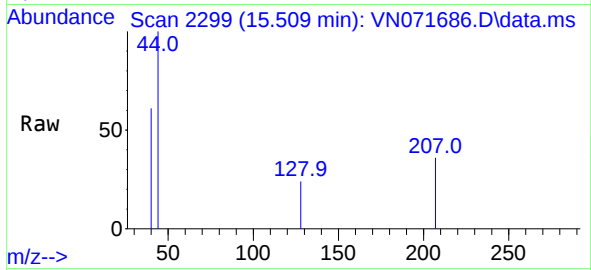
Tgt Ion: 75 Resp: 223676
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 3.824 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322



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

