

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074004.D
 Acq On : 18 Aug 2022 14:58
 Operator : JC\MD
 Sample : N4229-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106S

Quant Time: Aug 18 21:50:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

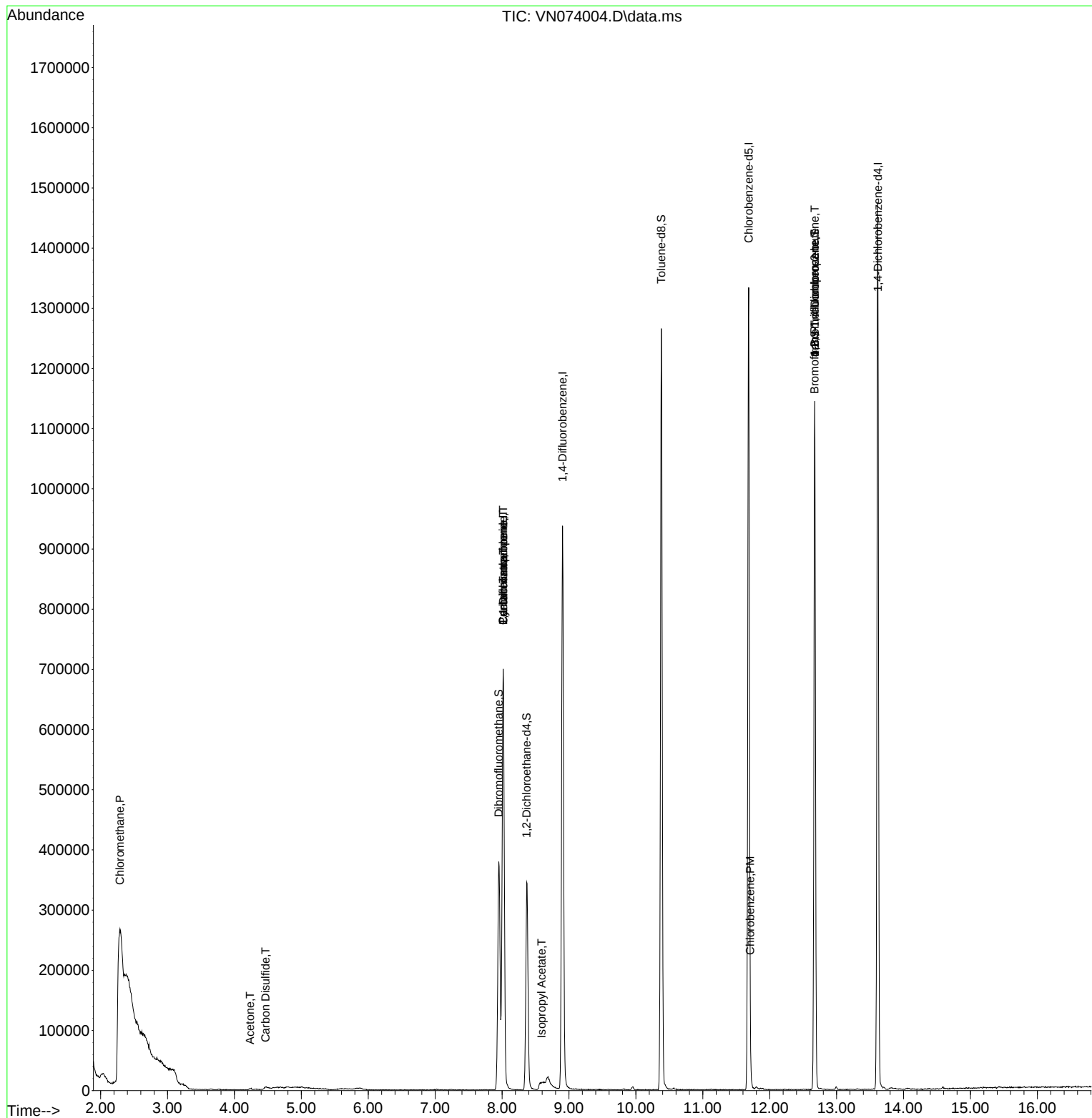
Internal Standards						
1) Pentafluorobenzene	8.016	168	599622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	880933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	823544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	434247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	291058	49.836	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.680%		
35) Dibromofluoromethane	7.951	113	282465	54.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.440%		
50) Toluene-d8	10.380	98	911509	45.176	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.360%		
62) 4-Bromofluorobenzene	12.674	95	377766	56.414	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.820%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.287	50	16916	3.199	ug/l #	43
16) Acetone	4.234	43	2639	0.958	ug/l #	81
17) Carbon Disulfide	4.463	76	11194	0.995	ug/l #	94
18) Methyl Acetate	4.793	43	3256	Below Cal	#	81
31) Cyclohexane	8.016	56	9623	1.182	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	37509	5.184	ug/l #	49
38) Carbon Tetrachloride	8.016	117	52089	6.298	ug/l #	18
43) Isopropyl Acetate	8.592	43	11453	0.917	ug/l #	53
65) Chlorobenzene	11.710	112	12363	0.706	ug/l	94
71) Bromoform	12.669	173	1773	0.300	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	184939	20.490	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	184939	58.278	ug/l #	11

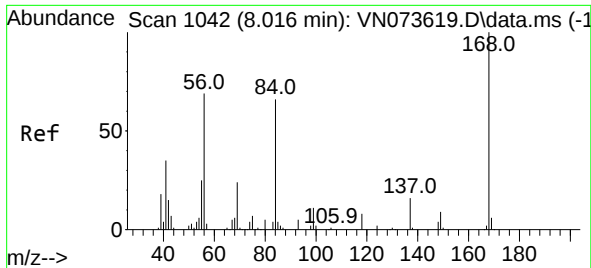
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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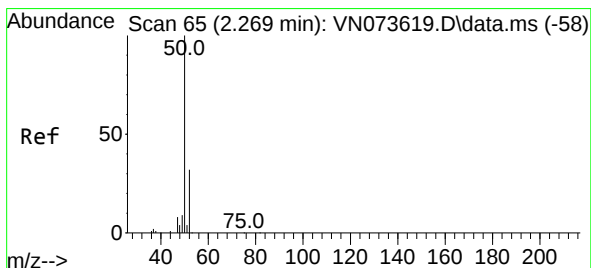
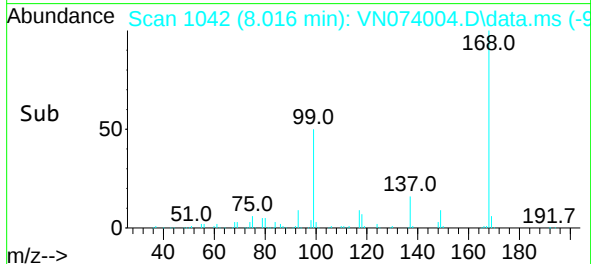
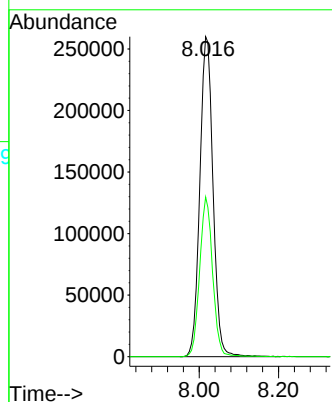
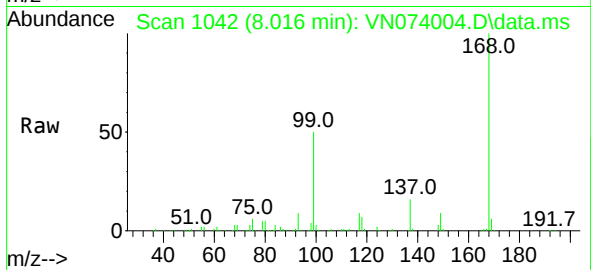




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

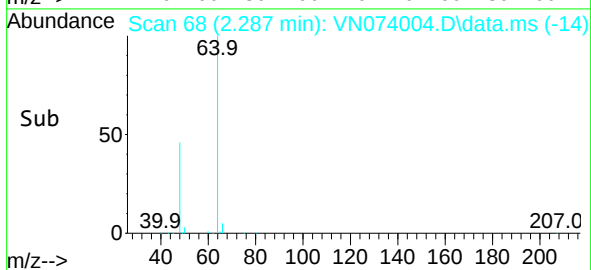
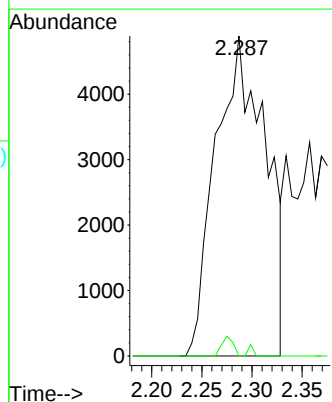
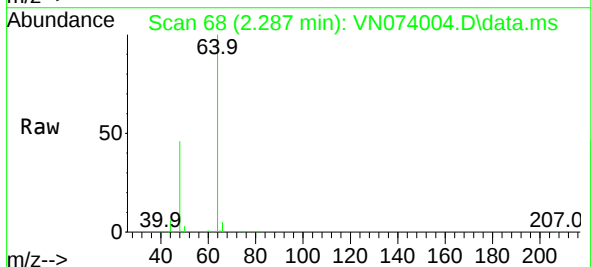
Instrument :
MSVOA_N
ClientSampleId :
MW-106S

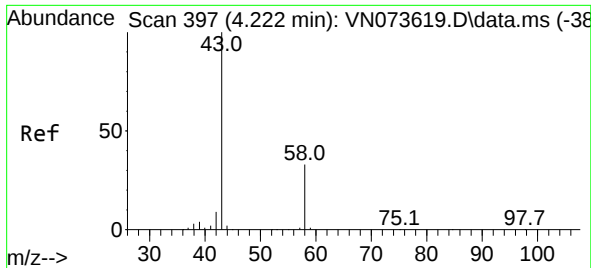
Tgt Ion:168 Resp: 599622
Ion Ratio Lower Upper
168 100
99 49.9 42.3 63.5



#3
Chloromethane
Concen: 3.199 ug/l
RT: 2.287 min Scan# 68
Delta R.T. 0.018 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

Tgt Ion: 50 Resp: 16916
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#16

Acetone

Concen: 0.958 ug/l

RT: 4.234 min Scan# 397

Delta R.T. 0.012 min

Lab File: VN074004.D

Acq: 18 Aug 2022 14:58

Instrument :

MSVOA_N

ClientSampleId :

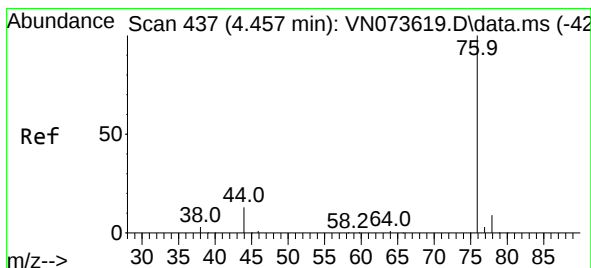
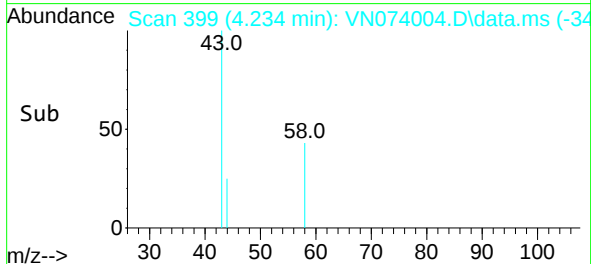
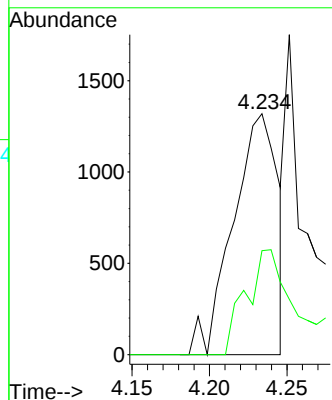
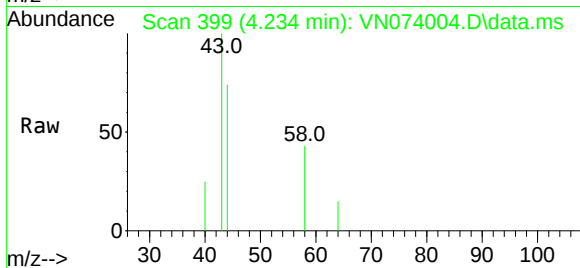
MW-106S

Tgt Ion: 43 Resp: 2639

Ion Ratio Lower Upper

43 100

58 43.1 26.0 39.0#



#17

Carbon Disulfide

Concen: 0.995 ug/l

RT: 4.463 min Scan# 438

Delta R.T. 0.006 min

Lab File: VN074004.D

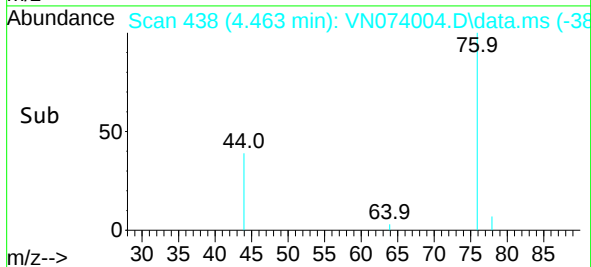
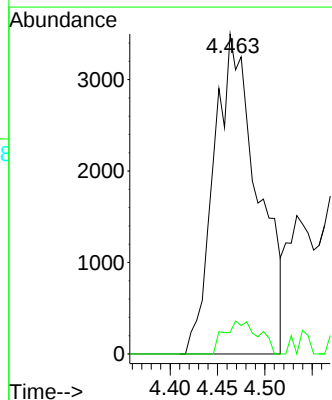
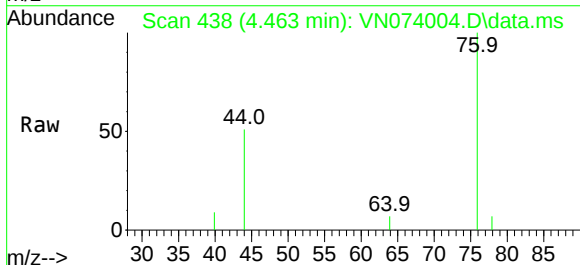
Acq: 18 Aug 2022 14:58

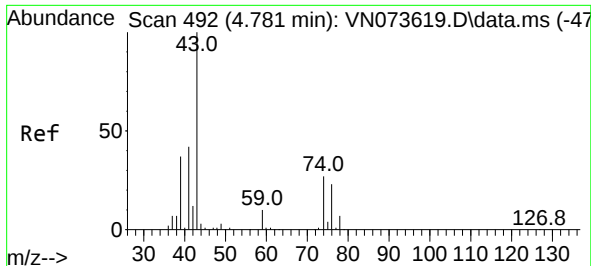
Tgt Ion: 76 Resp: 11194

Ion Ratio Lower Upper

76 100

78 6.7 7.2 10.8#

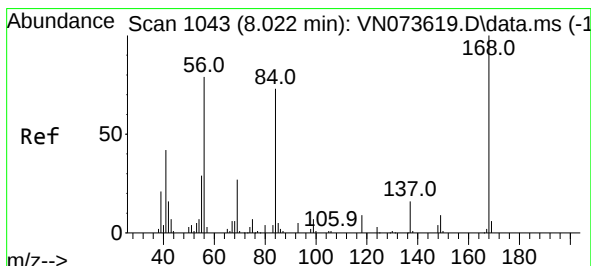
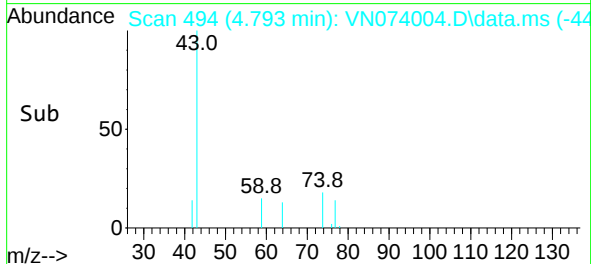
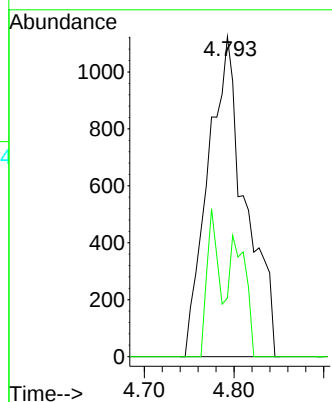
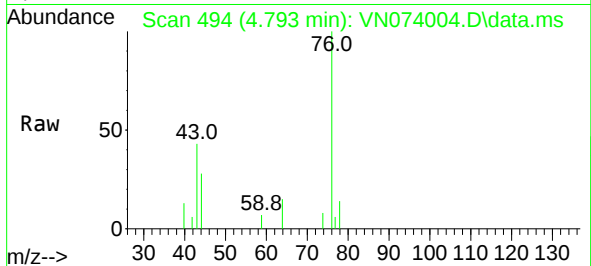




#18
Methyl Acetate
Concen: Below Cal
RT: 4.793 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

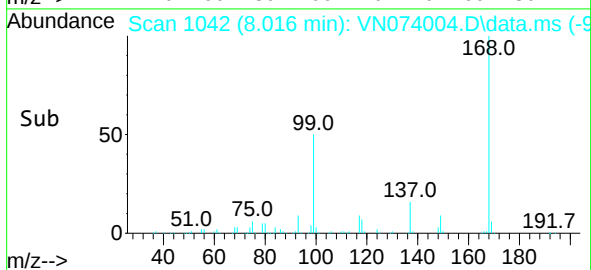
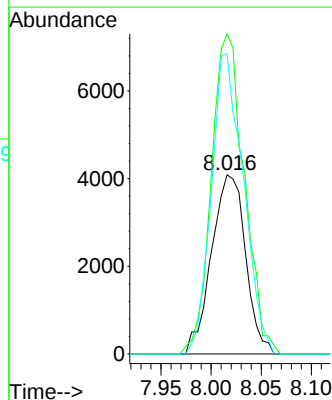
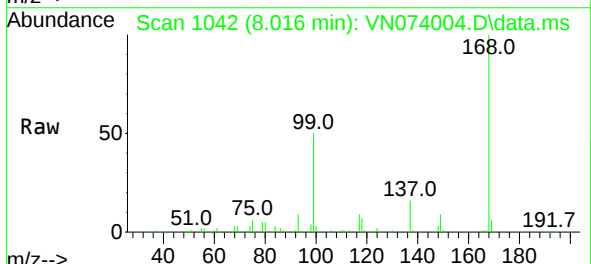
Instrument :
MSVOA_N
ClientSampleId :
MW-106S

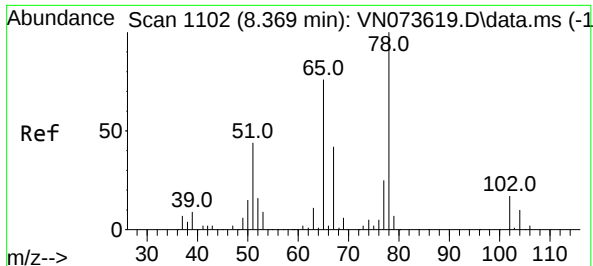
Tgt Ion: 43 Resp: 3256
Ion Ratio Lower Upper
43 100
74 17.3 21.6 32.4#



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

Tgt Ion: 56 Resp: 9623
Ion Ratio Lower Upper
56 100
69 178.6 27.8 41.8#
84 167.5 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.836 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074004.D

Acq: 18 Aug 2022 14:58

Instrument :

MSVOA_N

ClientSampleId :

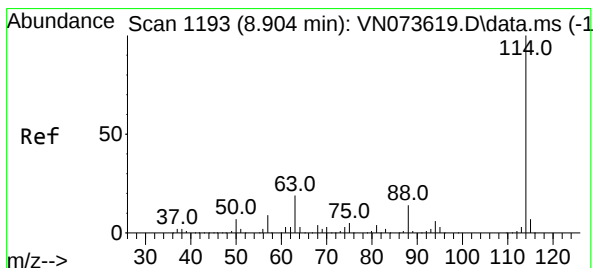
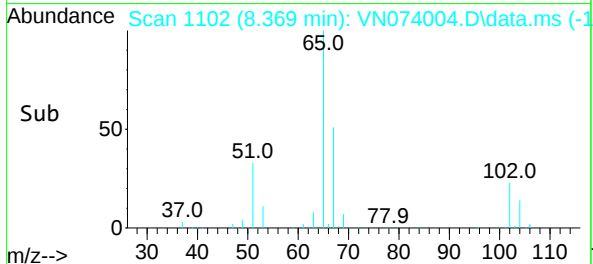
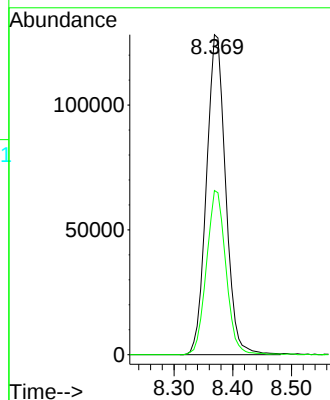
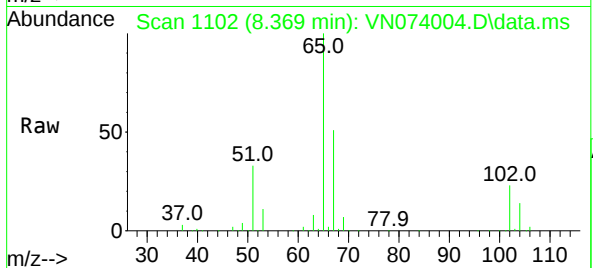
MW-106S

Tgt Ion: 65 Resp: 291058

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074004.D

Acq: 18 Aug 2022 14:58

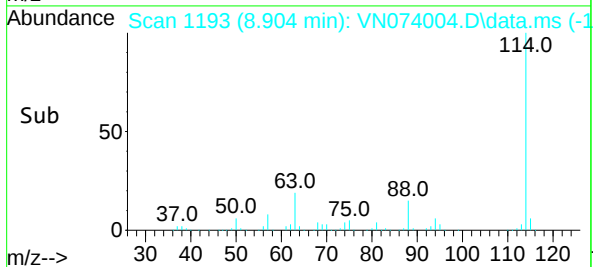
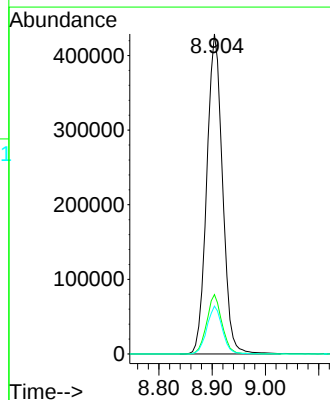
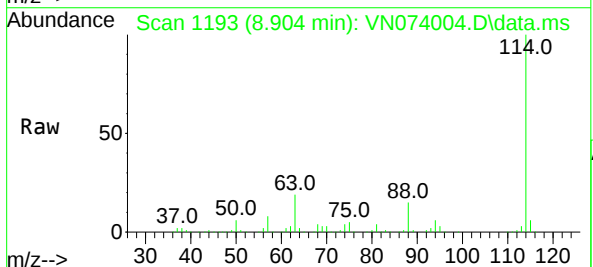
Tgt Ion: 114 Resp: 880933

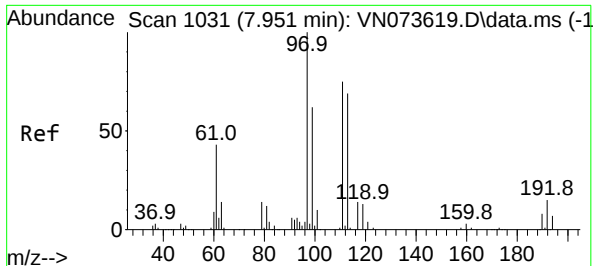
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.219 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074004.D

Acq: 18 Aug 2022 14:58

Instrument :

MSVOA_N

ClientSampleId :

MW-106S

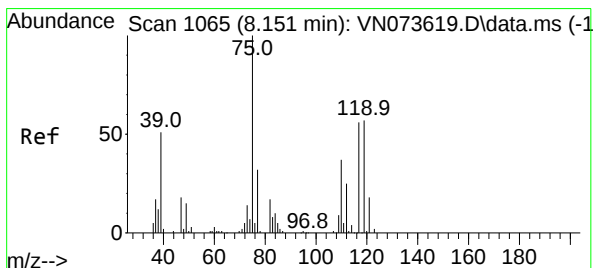
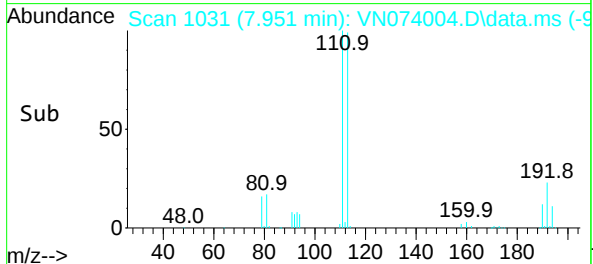
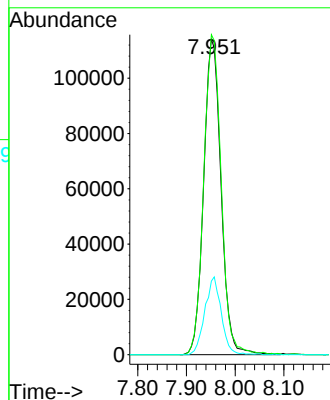
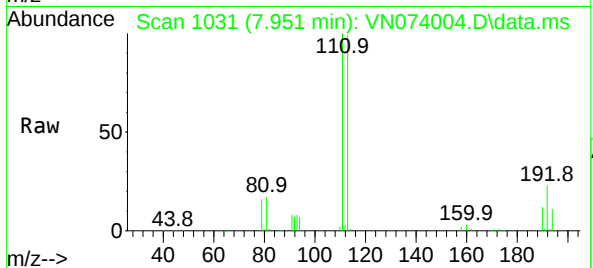
Tgt Ion:113 Resp: 282465

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 23.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.184 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074004.D

Acq: 18 Aug 2022 14:58

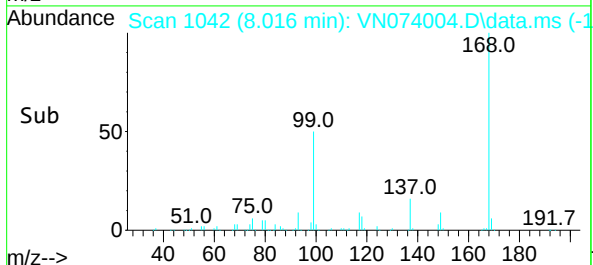
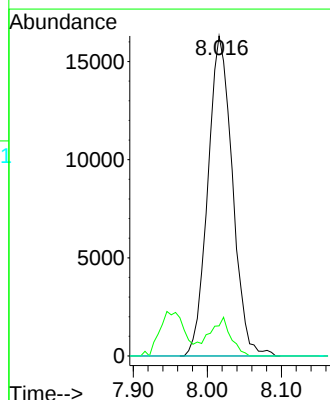
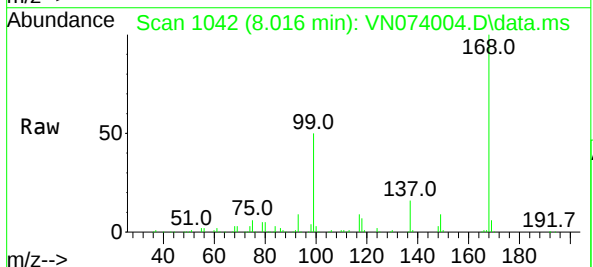
Tgt Ion: 75 Resp: 37509

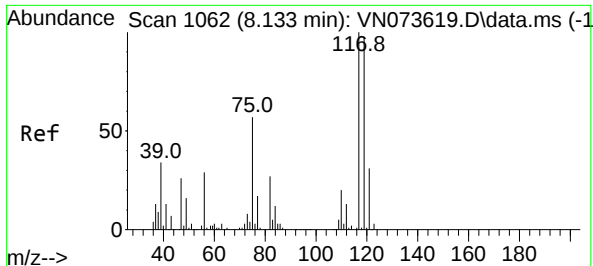
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.298 ug/l

RT: 8.016 min Scan# 1140

Delta R.T. -0.117 min

Lab File: VN074004.D

Acq: 18 Aug 2022 14:58

Instrument :

MSVOA_N

ClientSampleId :

MW-106S

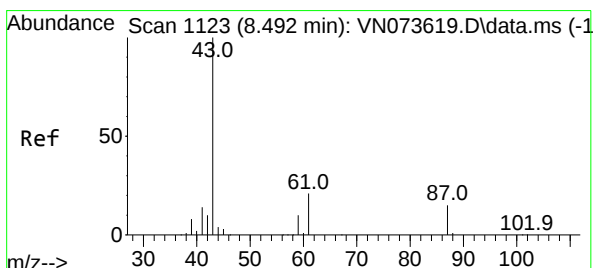
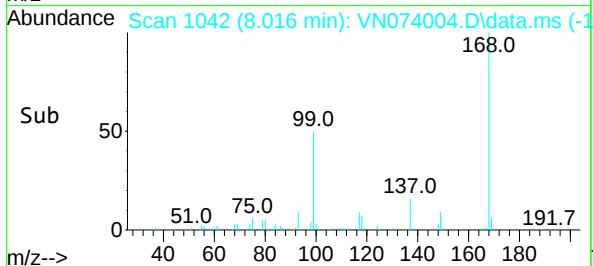
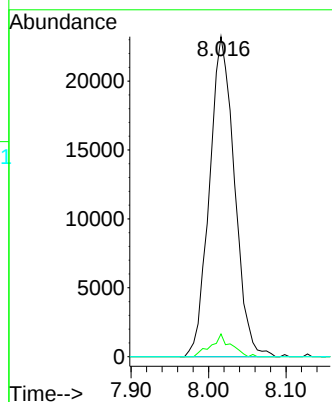
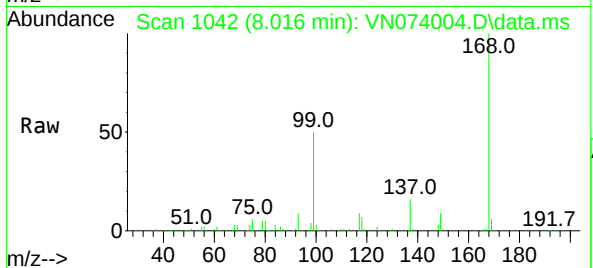
Tgt Ion:117 Resp: 52089

Ion Ratio Lower Upper

117 100

119 7.1 75.8 113.8#

121 0.0 24.6 37.0#



#43

Isopropyl Acetate

Concen: 0.917 ug/l

RT: 8.592 min Scan# 1140

Delta R.T. 0.100 min

Lab File: VN074004.D

Acq: 18 Aug 2022 14:58

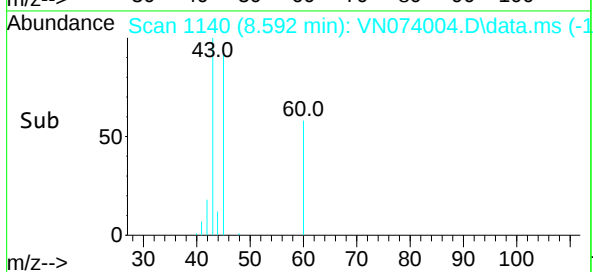
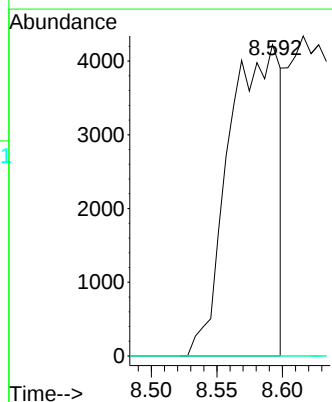
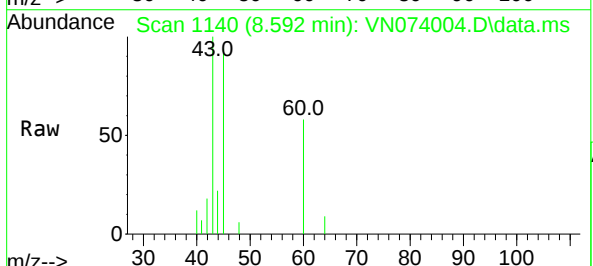
Tgt Ion: 43 Resp: 11453

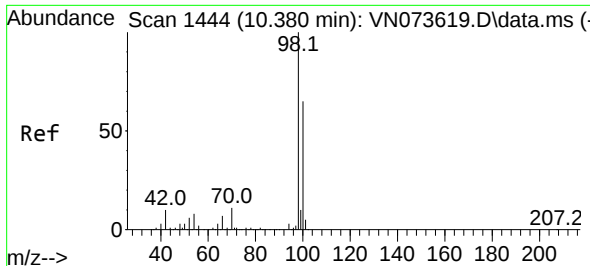
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

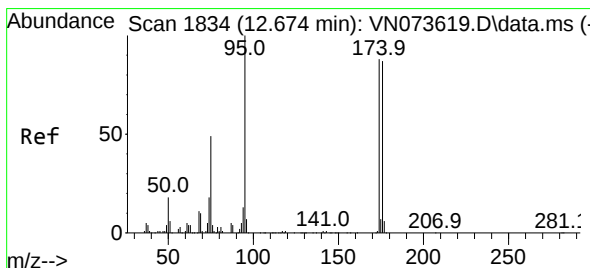
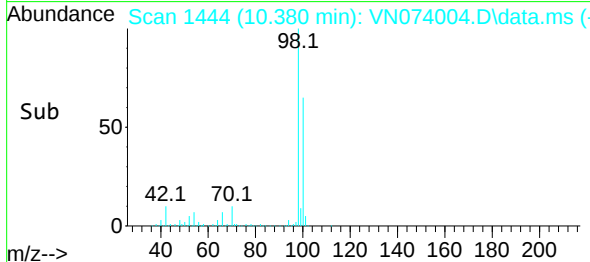
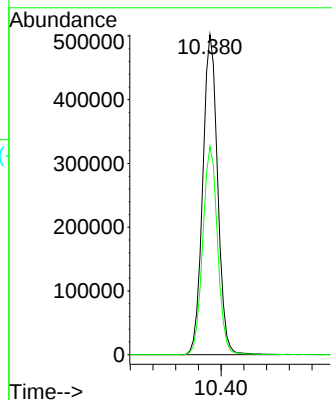
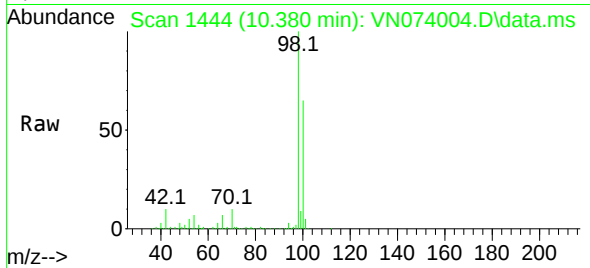




#50
Toluene-d8
Concen: 45.176 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

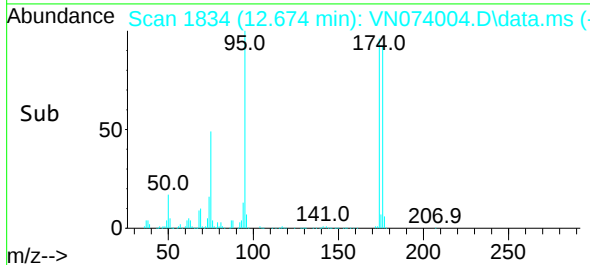
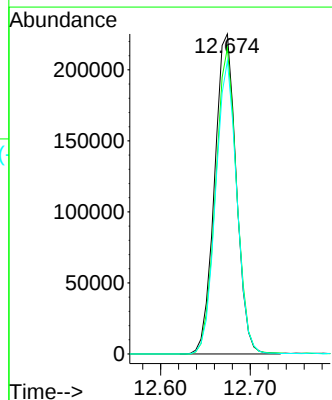
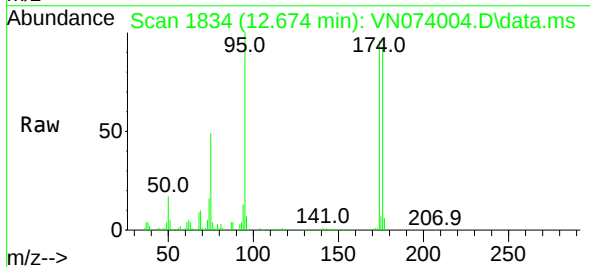
Instrument :
MSVOA_N
ClientSampleId :
MW-106S

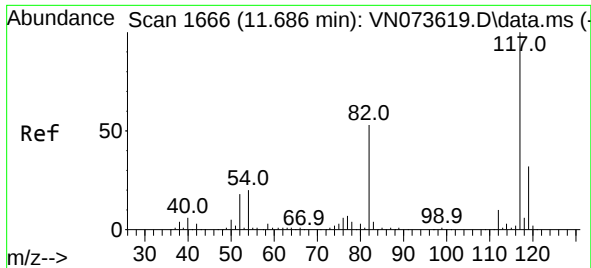
Tgt Ion: 98 Resp: 911509
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.414 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

Tgt Ion: 95 Resp: 377766
Ion Ratio Lower Upper
95 100
174 93.0 0.0 167.6
176 89.1 0.0 163.4

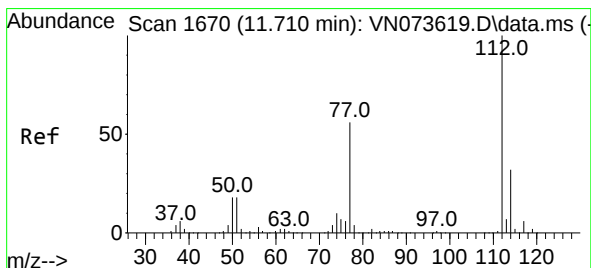
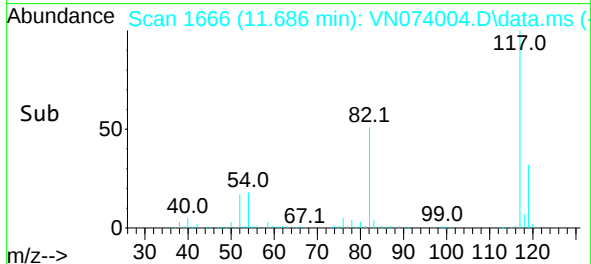
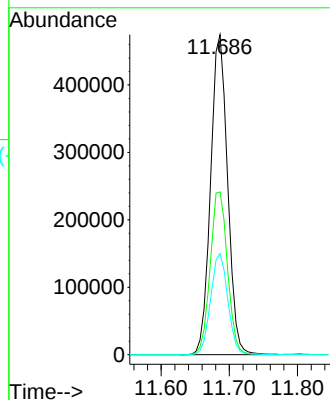
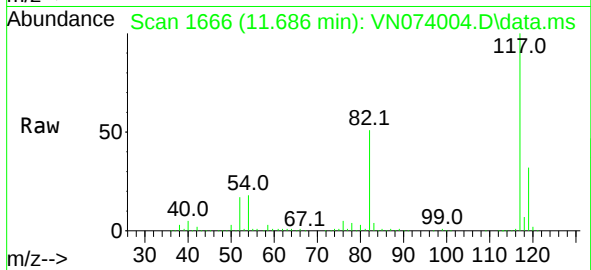




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

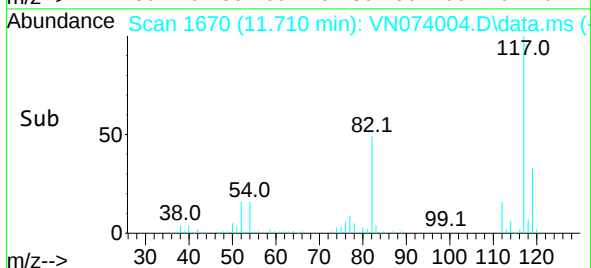
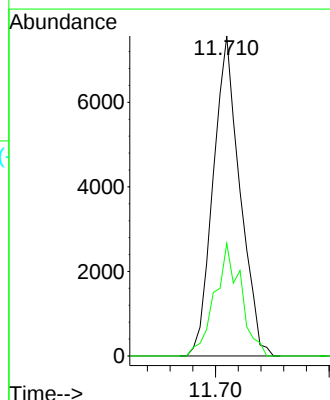
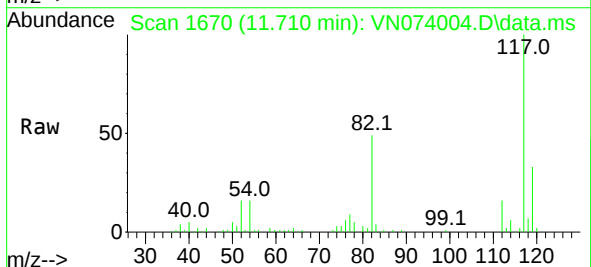
Instrument :
MSVOA_N
ClientSampleId :
MW-106S

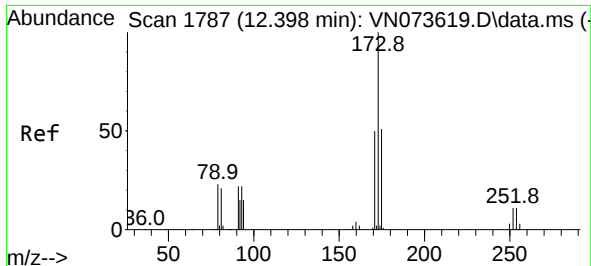
Tgt Ion:117 Resp: 823544
Ion Ratio Lower Upper
117 100
82 50.9 44.2 66.2
119 31.6 25.4 38.0



#65
Chlorobenzene
Concen: 0.706 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

Tgt Ion:112 Resp: 12363
Ion Ratio Lower Upper
112 100
114 35.2 25.4 38.2

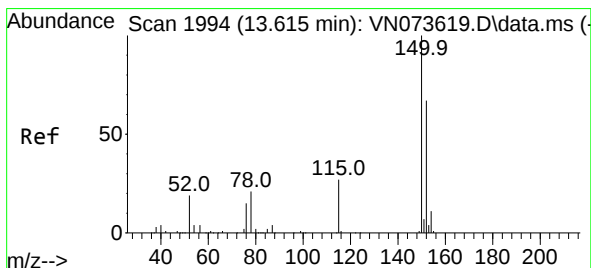
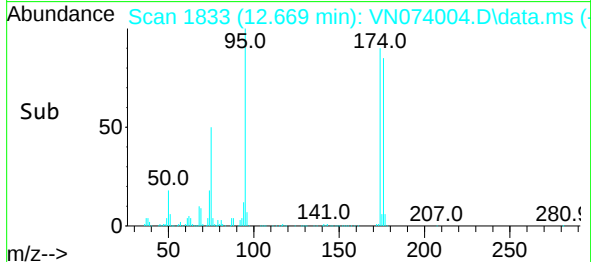
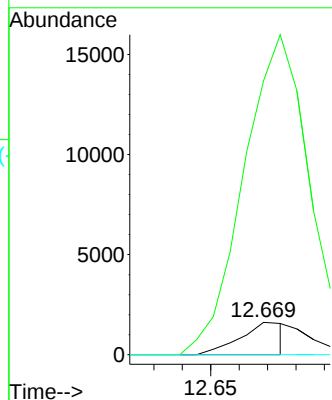
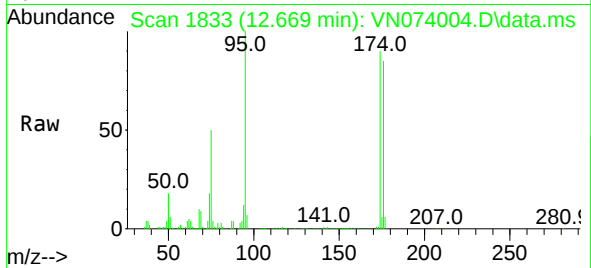




#71
Bromoform
Concen: 0.300 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

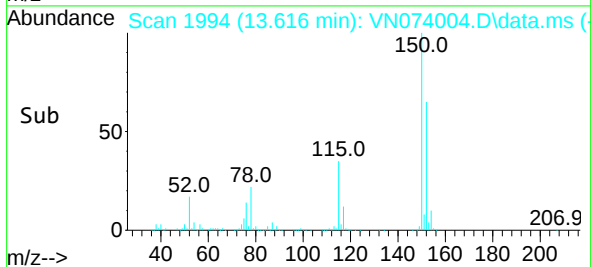
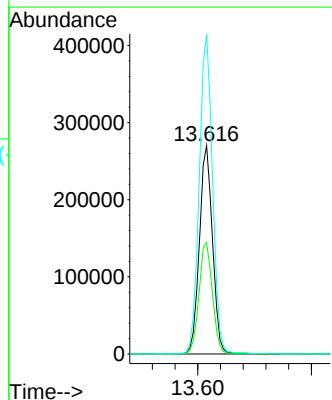
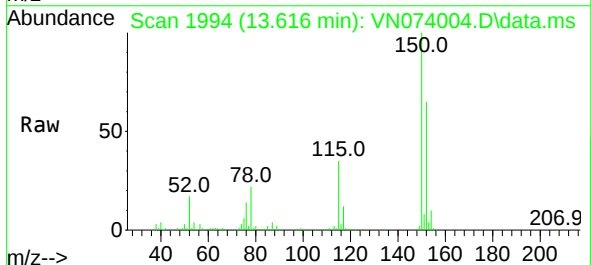
Instrument :
MSVOA_N
ClientSampleId :
MW-106S

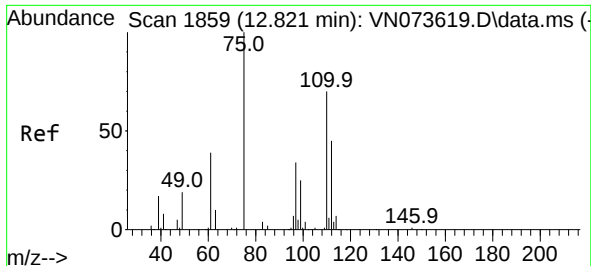
Tgt Ion:173 Resp: 1773
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

Tgt Ion:152 Resp: 434247
Ion Ratio Lower Upper
152 100
115 54.8 28.9 86.7
150 155.5 0.0 356.2

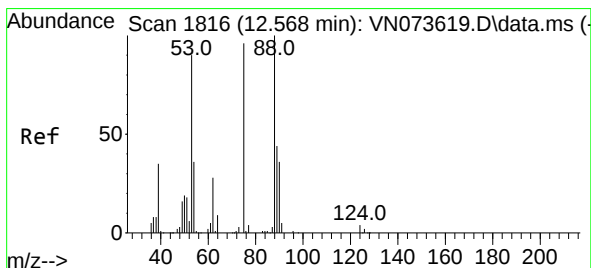
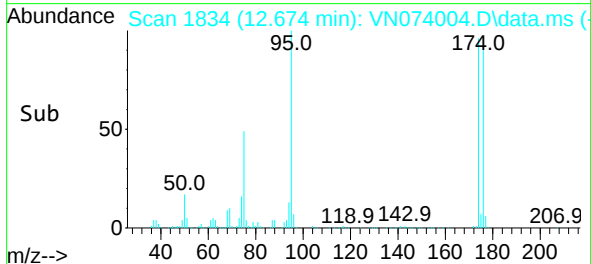
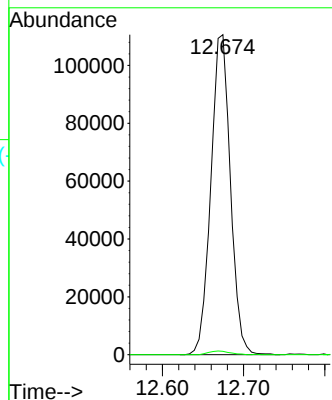
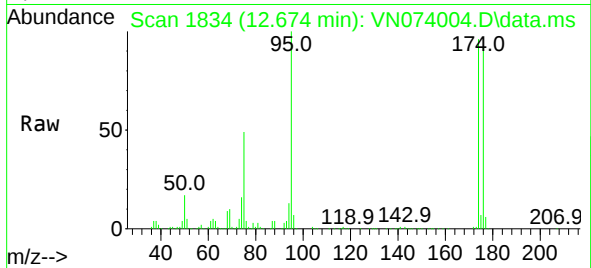




#76
1,2,3-Trichloropropane
Concen: 20.490 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

Instrument :
MSVOA_N
ClientSampleId :
MW-106S

Tgt Ion: 75 Resp: 184939
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.278 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074004.D
Acq: 18 Aug 2022 14:58

Tgt Ion: 75 Resp: 184939
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#

