

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071776.D
 Acq On : 02 Apr 2022 01:22
 Operator : JC\MD
 Sample : N2222-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Apr 02 05:32:37 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)

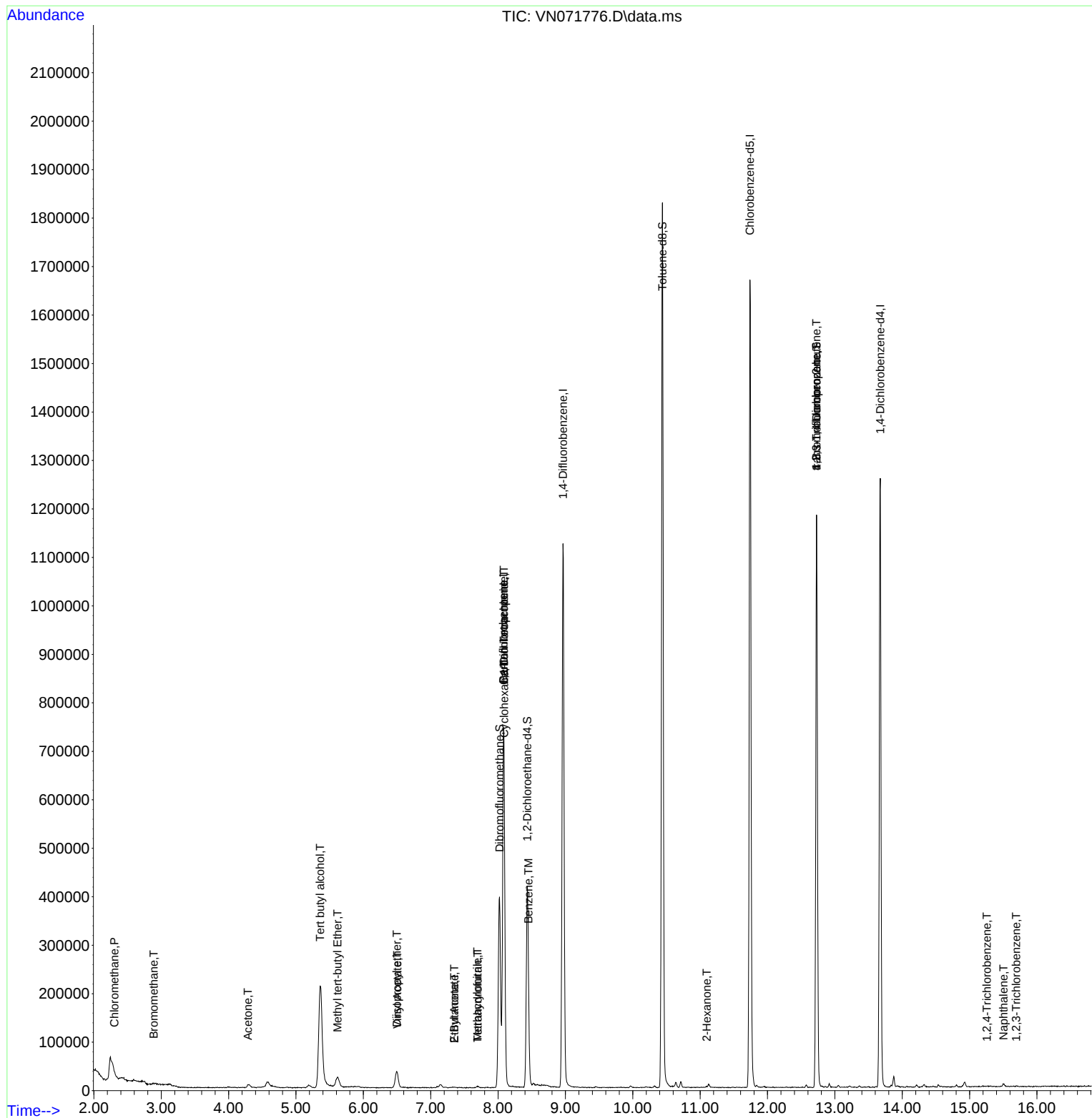
Internal Standards						
1) Pentafluorobenzene	8.081	168	605650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1031819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1042012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	374753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	351987	50.908	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.820%
35) Dibromofluoromethane	8.022	113	297034	48.921	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.840%
50) Toluene-d8	10.439	98	1305414	52.558	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.120%
62) 4-Bromofluorobenzene	12.727	95	420441	52.340	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.680%
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	2003	0.328	ug/l	98
5) Bromomethane	2.887	94	1672	0.384	ug/l #	68
11) Tert butyl alcohol	5.357	59	438315	390.634	ug/l	100
16) Acetone	4.287	43	10949	3.705	ug/l	90
18) Methyl Acetate	4.869	43	2295	Below Cal	#	61
19) Methyl tert-butyl Ether	5.616	73	33854	1.823	ug/l	100
22) Diisopropyl ether	6.498	45	41754	2.364	ug/l	91
23) Vinyl Acetate	6.504	43	21828	1.554	ug/l #	68
25) 2-Butanone	7.351	43	2283	0.536	ug/l #	83
29) Tetrahydrofuran	7.698	42	1825	0.662	ug/l #	82
31) Cyclohexane	8.092	56	14578	1.550	ug/l #	24
36) 1,1-Dichloropropene	8.087	75	43074	5.080	ug/l #	48
37) Ethyl Acetate	7.351	43	2283	0.246	ug/l #	67
38) Carbon Tetrachloride	8.087	117	54514	6.560	ug/l #	16
40) Benzene	8.451	78	9436	0.352	ug/l	98
41) Methacrylonitrile	7.692	41	1103	0.243	ug/l #	26
59) 2-Hexanone	11.098	43	1889	0.302	ug/l #	41
76) 1,2,3-Trichloropropane	12.727	75	204912	23.603	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	204912	73.146	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.257	180	556	2.175	ug/l #	82
95) Naphthalene	15.504	128	7444	4.206	ug/l	97
96) 1,2,3-Trichlorobenzene	15.692	180	700	2.529	ug/l	71

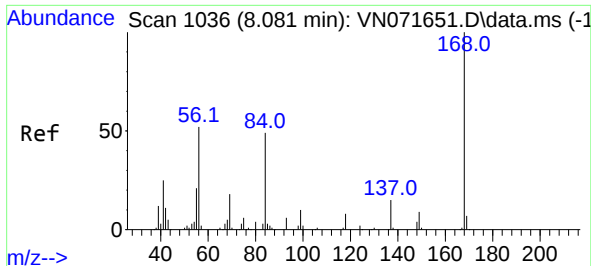
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071776.D
Acq On : 02 Apr 2022 01:22
Operator : JC\MD
Sample : N2222-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

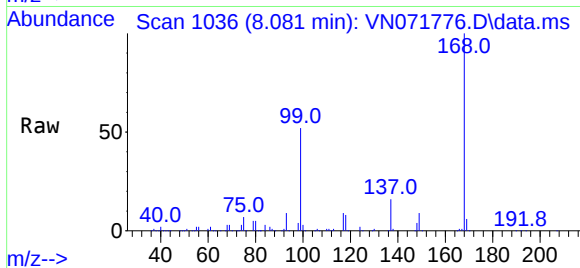
Quant Time: Apr 02 05:32:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration



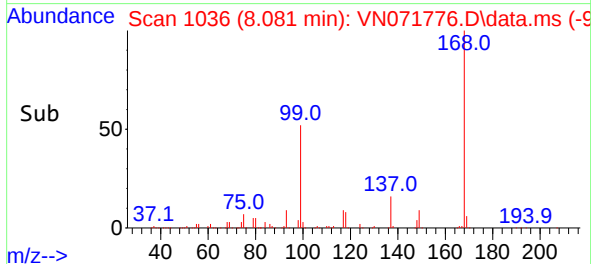
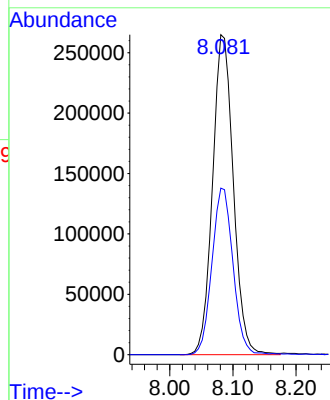


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Instrument :
MSVOA_N
ClientSampleId :
MW-11

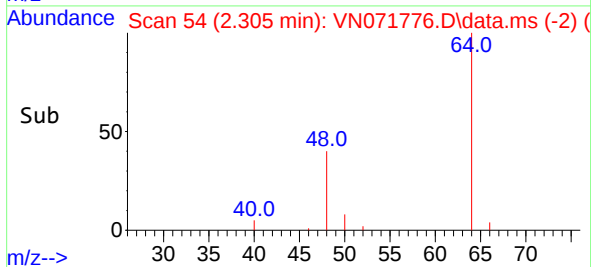
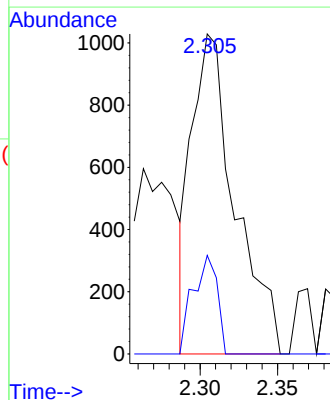
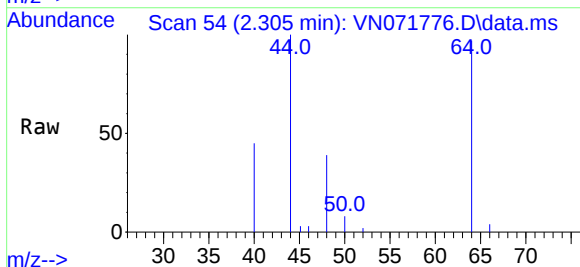


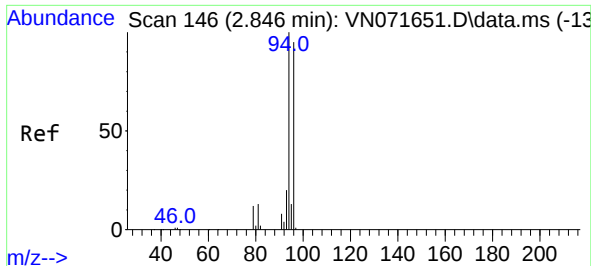
Tgt Ion:168 Resp: 605650
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5



#3
Chloromethane
Concen: 0.328 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Tgt Ion: 50 Resp: 2003
Ion Ratio Lower Upper
50 100
52 30.8 25.7 38.5

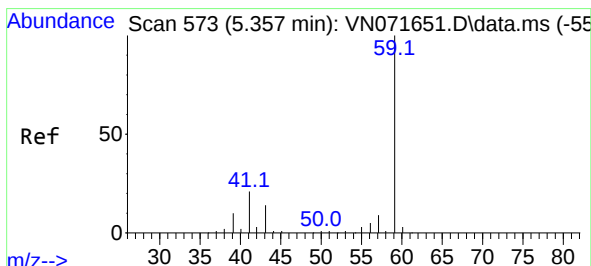
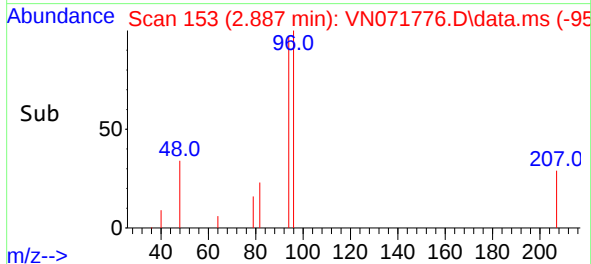
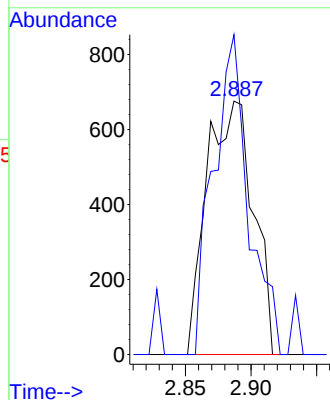
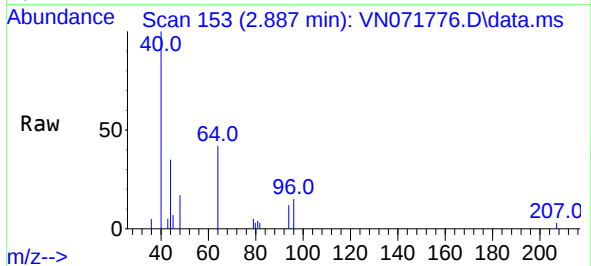




#5
Bromomethane
Concen: 0.384 ug/l
RT: 2.887 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

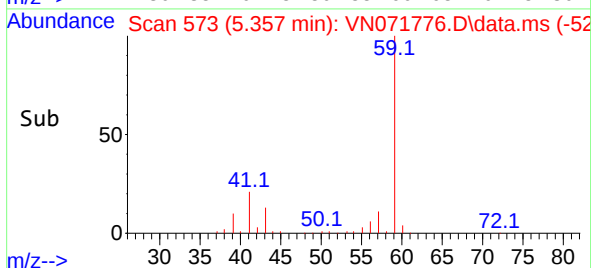
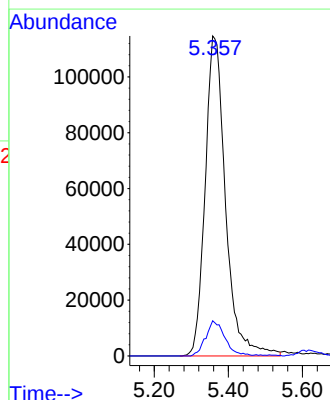
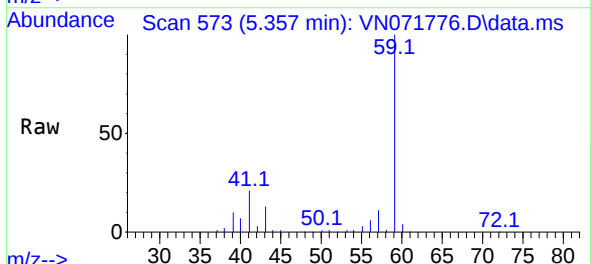
Instrument :
MSVOA_N
ClientSampleId :
MW-11

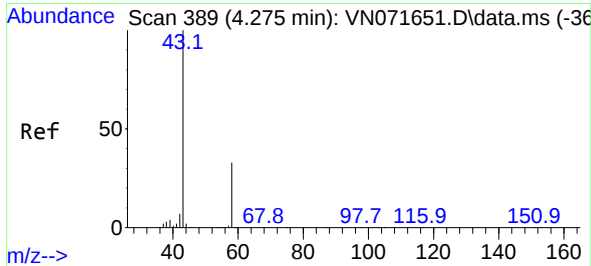
Tgt Ion: 94 Resp: 1672
Ion Ratio Lower Upper
94 100
96 126.2 76.0 114.0#



#11
Tert butyl alcohol
Concen: 390.634 ug/l
RT: 5.357 min Scan# 573
Delta R.T. 0.000 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Tgt Ion: 59 Resp: 438315
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5





#16

Acetone

Concen: 3.705 ug/l

RT: 4.287 min Scan# 391

Delta R.T. 0.012 min

Lab File: VN071776.D

Acq: 02 Apr 2022 01:22

Instrument :

MSVOA_N

ClientSampleId :

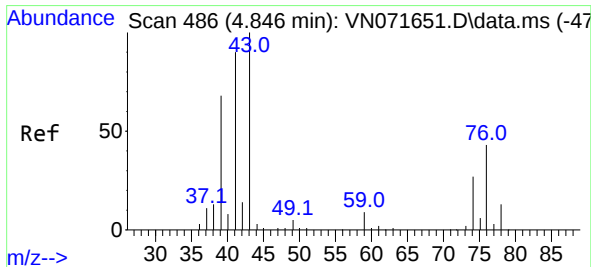
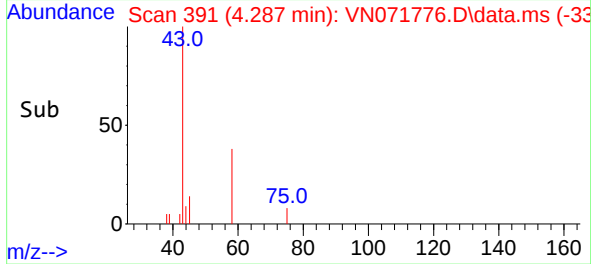
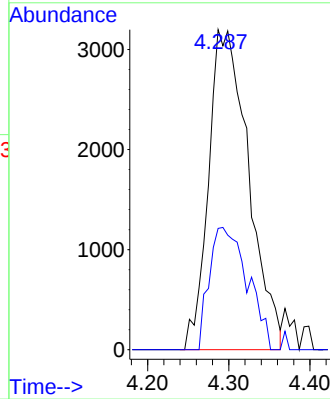
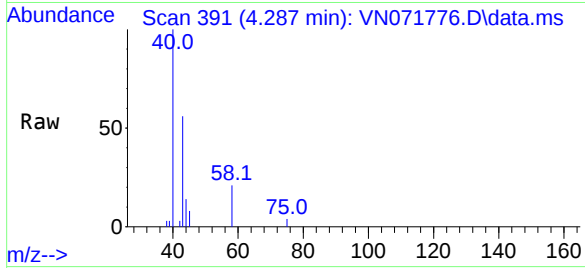
MW-11

Tgt Ion: 43 Resp: 10949

Ion Ratio Lower Upper

43 100

58 37.9 26.0 39.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.869 min Scan# 490

Delta R.T. 0.023 min

Lab File: VN071776.D

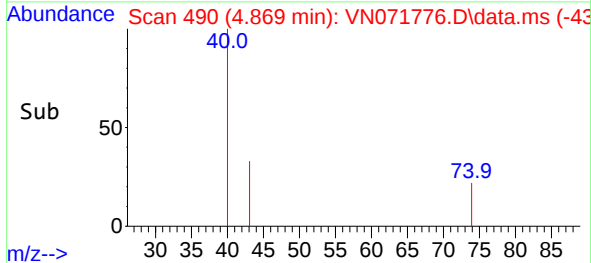
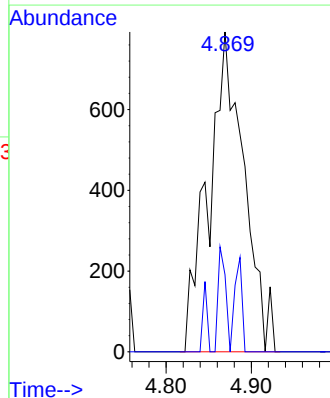
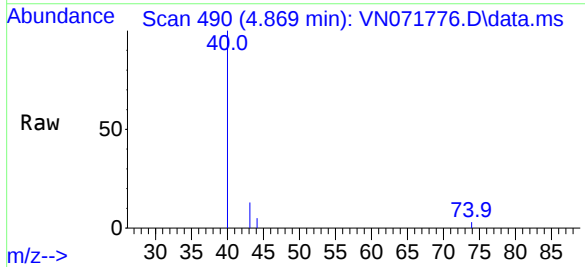
Acq: 02 Apr 2022 01:22

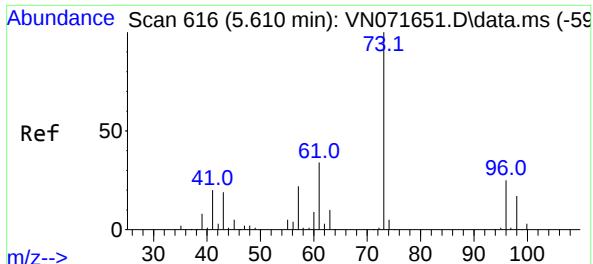
Tgt Ion: 43 Resp: 2295

Ion Ratio Lower Upper

43 100

74 6.9 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 1.823 ug/l

RT: 5.616 min Scan# 616

Delta R.T. 0.006 min

Lab File: VN071776.D

Acq: 02 Apr 2022 01:22

Instrument :

MSVOA_N

ClientSampleId :

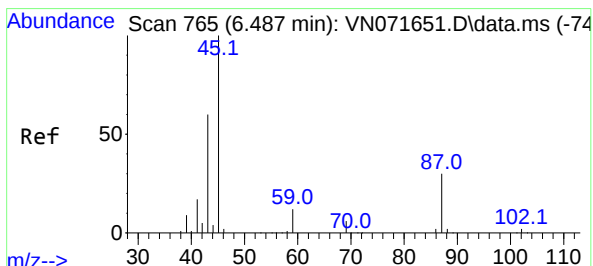
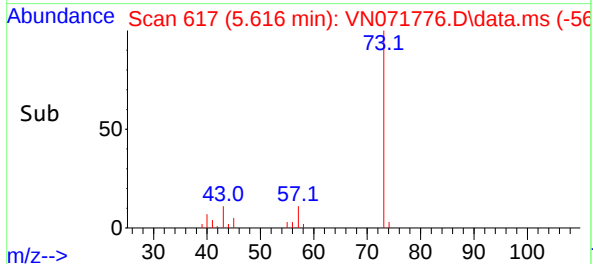
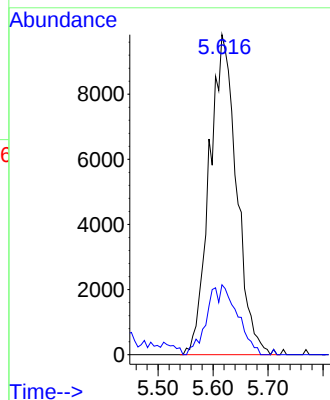
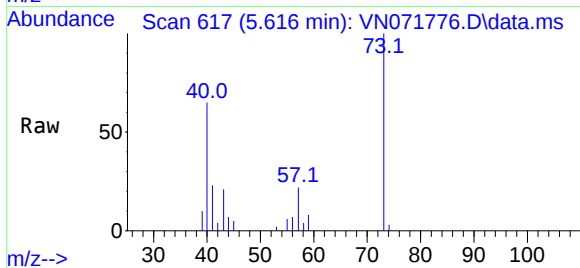
MW-11

Tgt Ion: 73 Resp: 33854

Ion Ratio Lower Upper

73 100

57 21.8 17.6 26.4



#22

Diisopropyl ether

Concen: 2.364 ug/l

RT: 6.498 min Scan# 767

Delta R.T. 0.011 min

Lab File: VN071776.D

Acq: 02 Apr 2022 01:22

Tgt Ion: 45 Resp: 41754

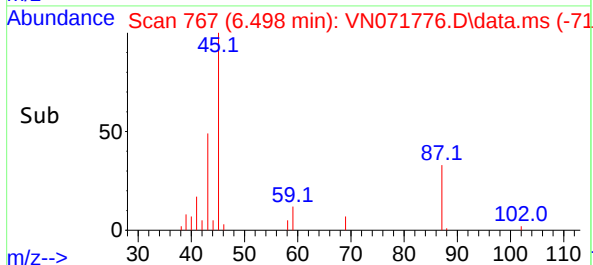
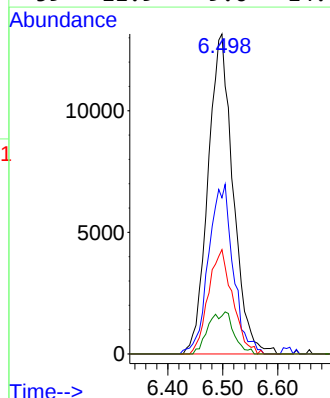
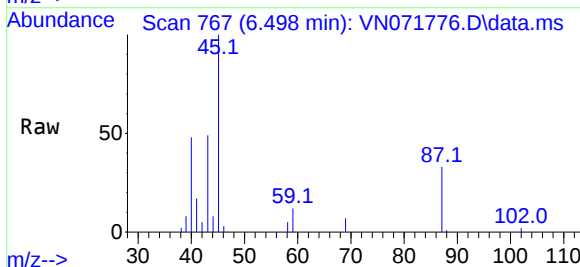
Ion Ratio Lower Upper

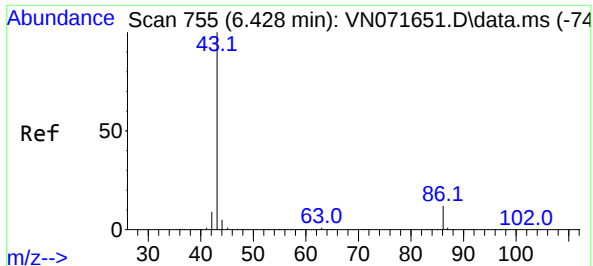
45 100

43 48.8 46.6 70.0

87 32.6 24.3 36.5

59 11.9 9.6 14.4

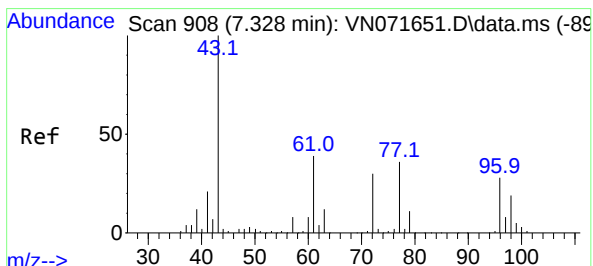
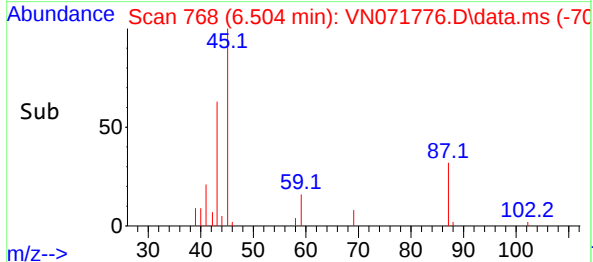
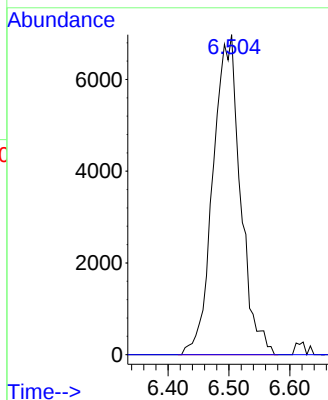
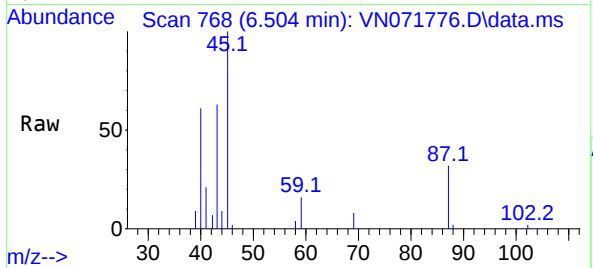




#23
 Vinyl Acetate
 Concen: 1.554 ug/l
 RT: 6.504 min Scan# 71
 Delta R.T. 0.076 min
 Lab File: VN071776.D
 Acq: 02 Apr 2022 01:22

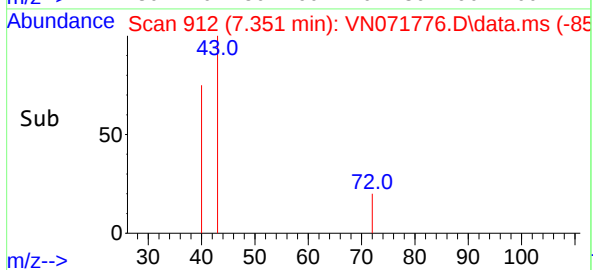
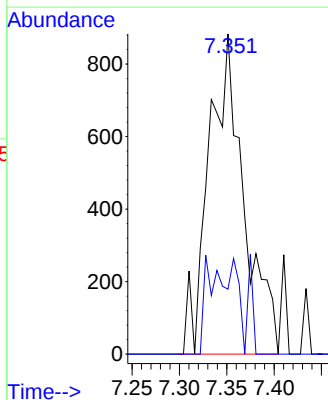
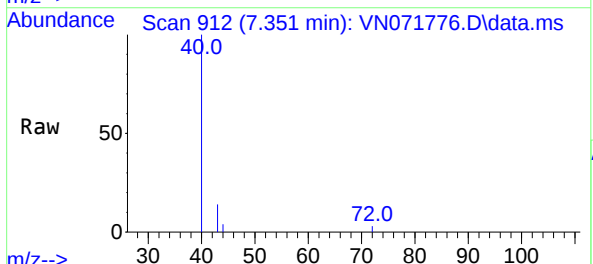
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

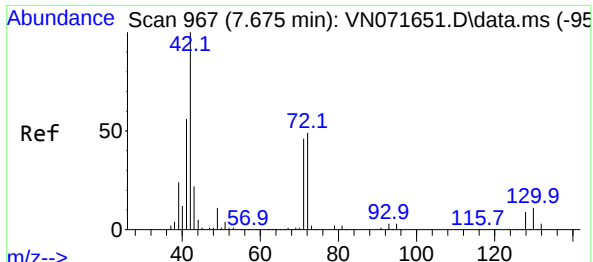
Tgt Ion: 43 Resp: 21828
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 0.536 ug/l
 RT: 7.351 min Scan# 912
 Delta R.T. 0.023 min
 Lab File: VN071776.D
 Acq: 02 Apr 2022 01:22

Tgt Ion: 43 Resp: 2283
 Ion Ratio Lower Upper
 43 100
 72 20.3 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.662 ug/l

RT: 7.698 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN071776.D

Acq: 02 Apr 2022 01:22

Instrument :

MSVOA_N

ClientSampleId :

MW-11

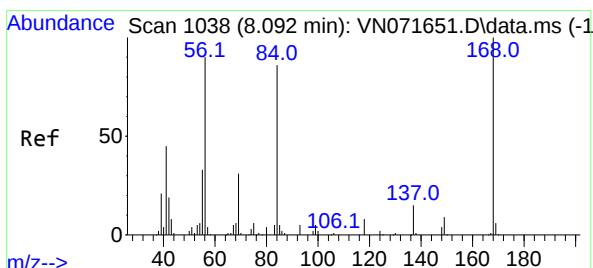
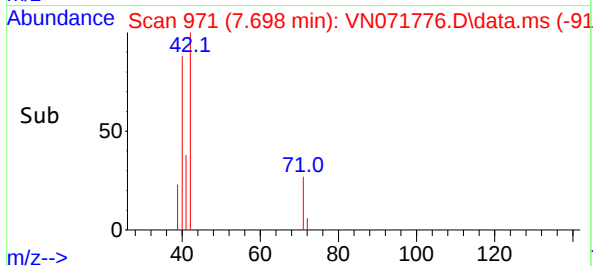
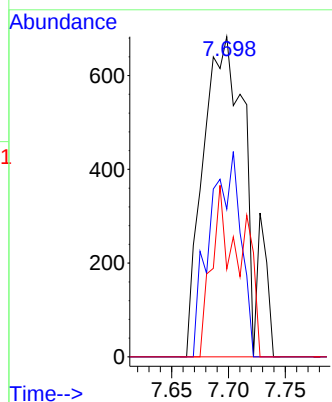
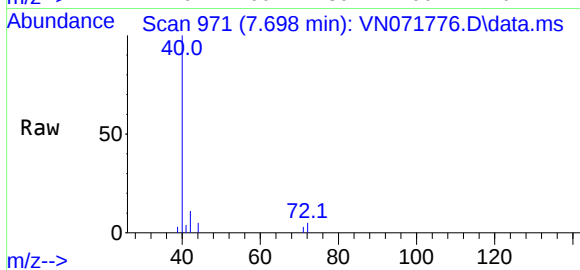
Tgt Ion: 42 Resp: 1825

Ion Ratio Lower Upper

42 100

72 45.1 39.7 59.5

71 26.0 36.6 55.0#



#31

Cyclohexane

Concen: 1.550 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071776.D

Acq: 02 Apr 2022 01:22

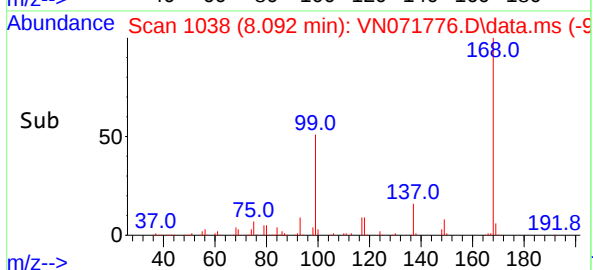
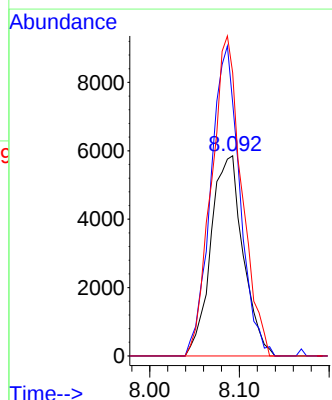
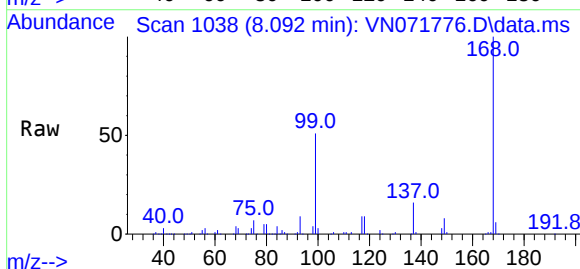
Tgt Ion: 56 Resp: 14578

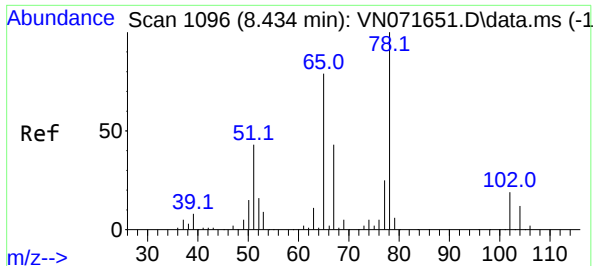
Ion Ratio Lower Upper

56 100

69 126.5 27.8 41.8#

84 141.5 76.9 115.3#

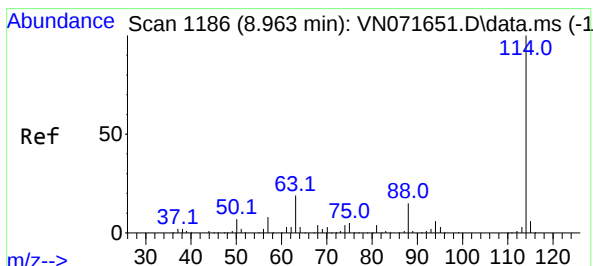
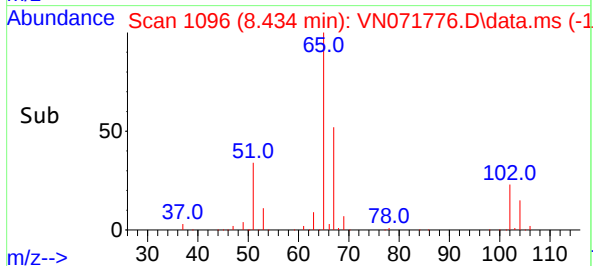
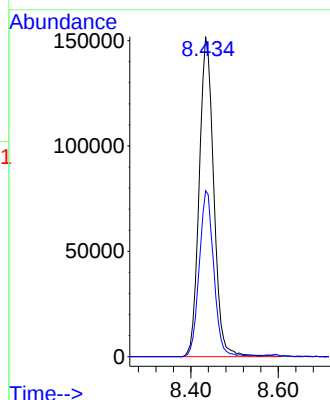
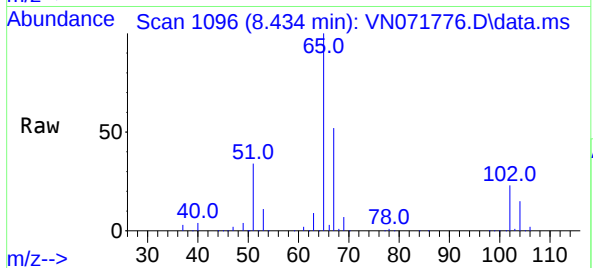




#33
1,2-Dichloroethane-d4
Concen: 50.908 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

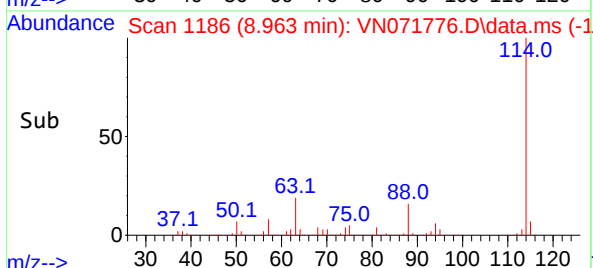
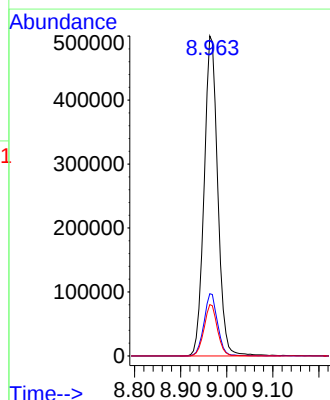
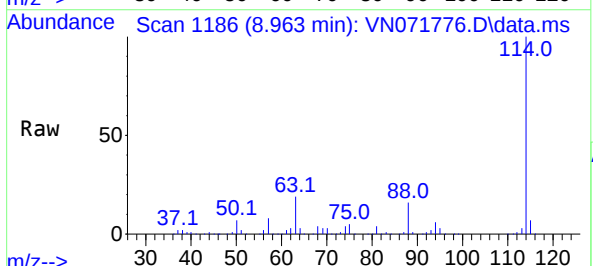
Instrument :
MSVOA_N
ClientSampleId :
MW-11

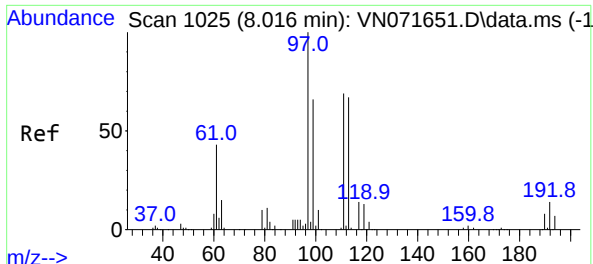
Tgt Ion: 65 Resp: 351987
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Tgt Ion: 114 Resp: 1031819
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 16.0 0.0 32.6

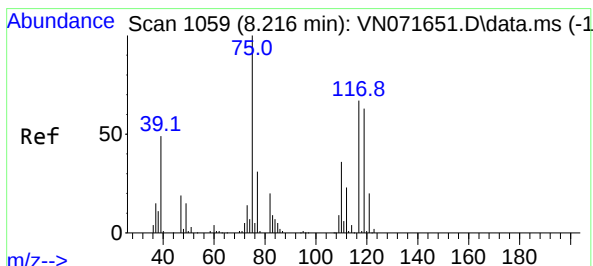
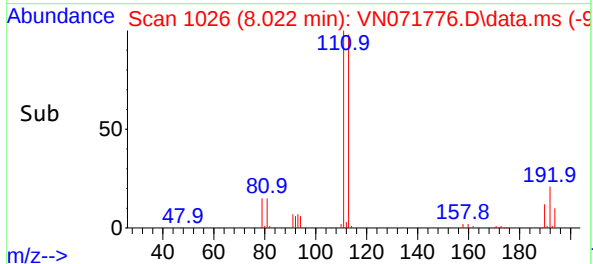
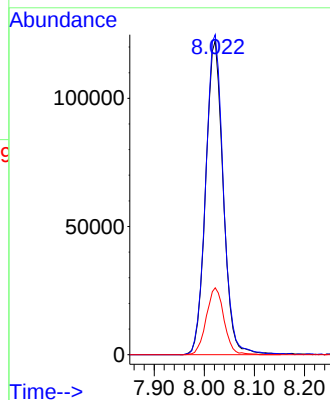
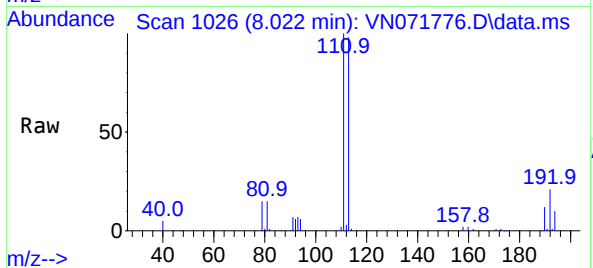




#35
Dibromofluoromethane
Concen: 48.921 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

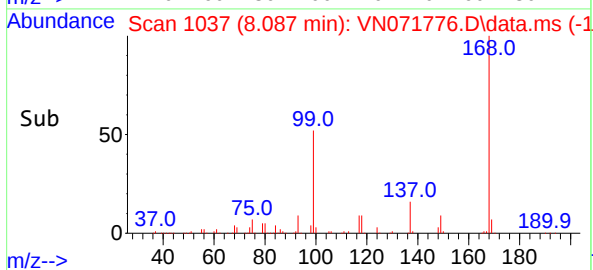
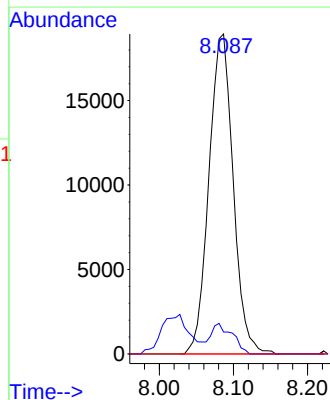
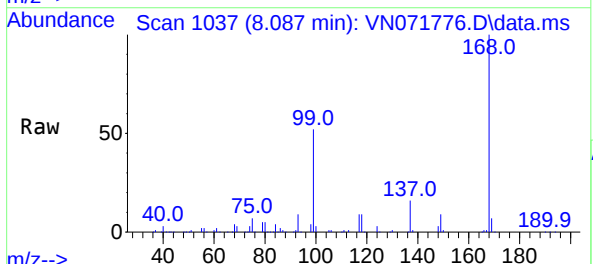
Instrument :
MSVOA_N
ClientSampleId :
MW-11

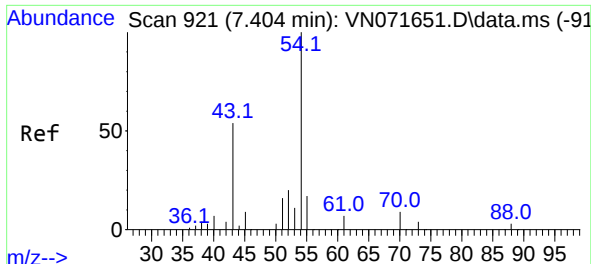
Tgt Ion: 113 Resp: 297034
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.080 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Tgt Ion: 75 Resp: 43074
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 25.1 37.7#

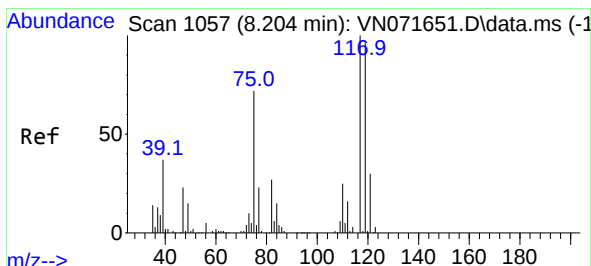
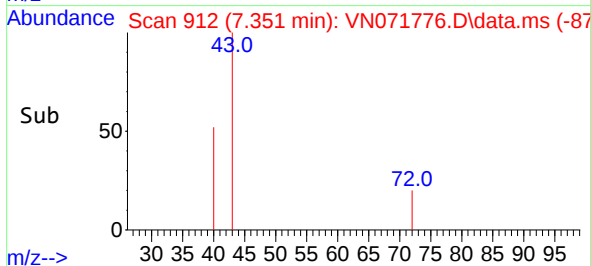
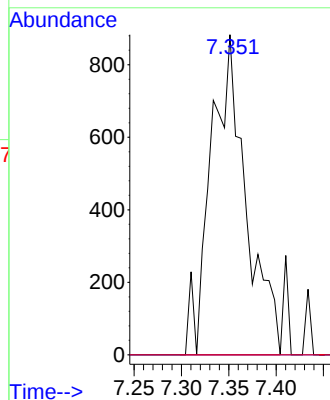
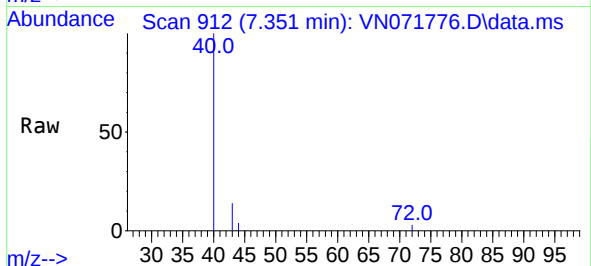




#37
Ethyl Acetate
Concen: 0.246 ug/l
RT: 7.351 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

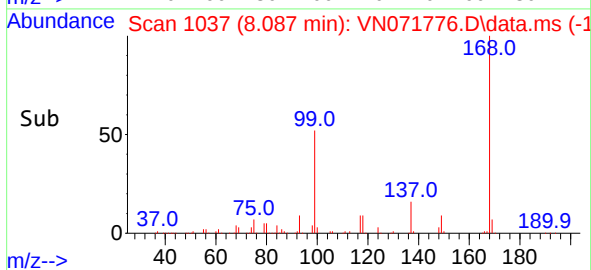
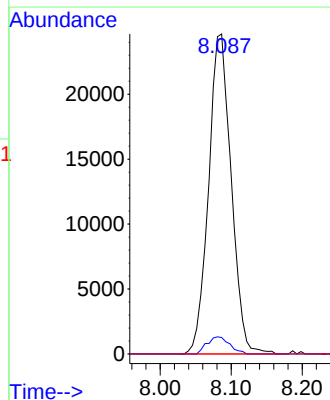
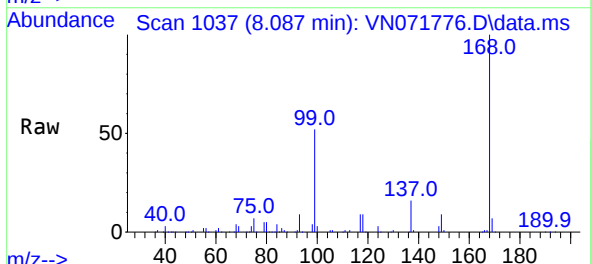
Instrument :
MSVOA_N
ClientSampleId :
MW-11

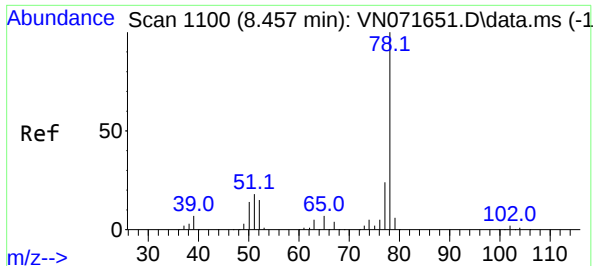
Tgt Ion: 43 Resp: 2283
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.117 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Tgt Ion: 117 Resp: 54514
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#

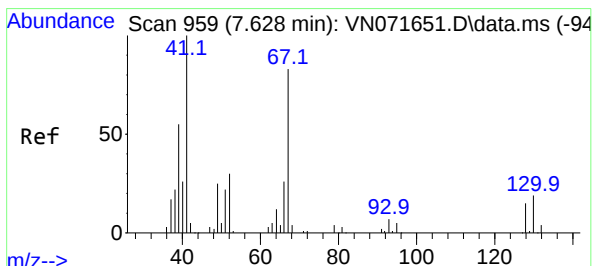
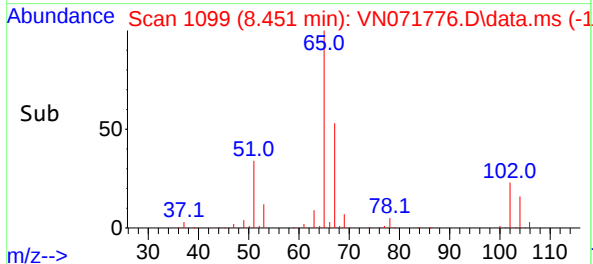
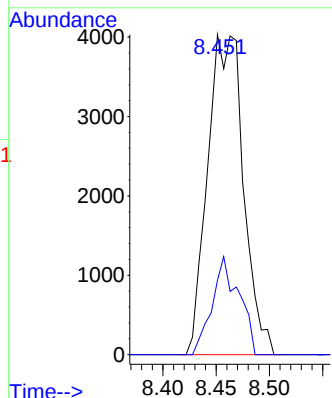
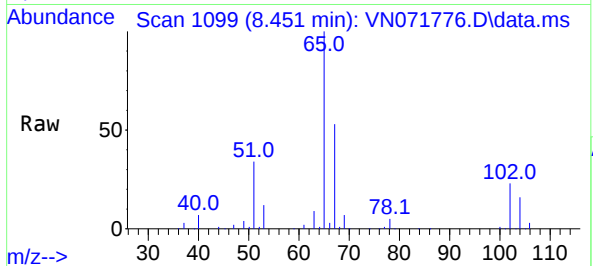




#40
Benzene
Concen: 0.352 ug/l
RT: 8.451 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

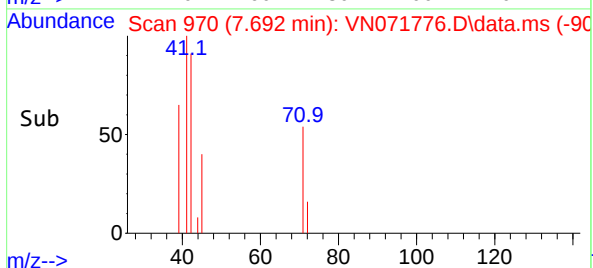
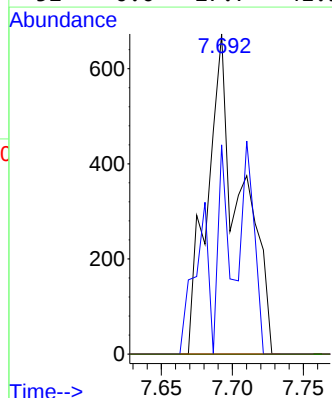
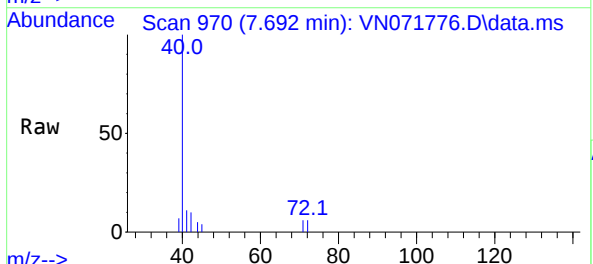
Instrument :
MSVOA_N
ClientSampleId :
MW-11

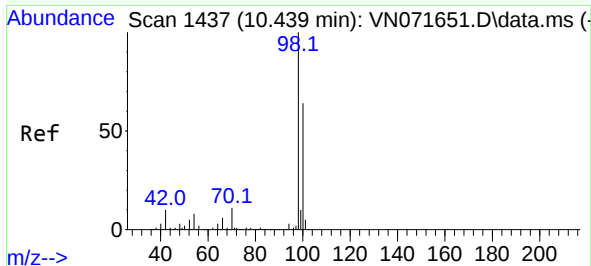
Tgt Ion: 78 Resp: 9436
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0



#41
Methacrylonitrile
Concen: 0.243 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.064 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Tgt Ion: 41 Resp: 1103
Ion Ratio Lower Upper
41 100
39 24.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

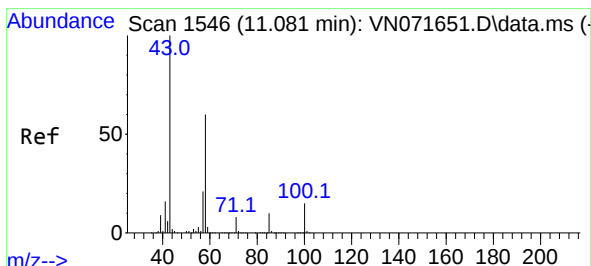
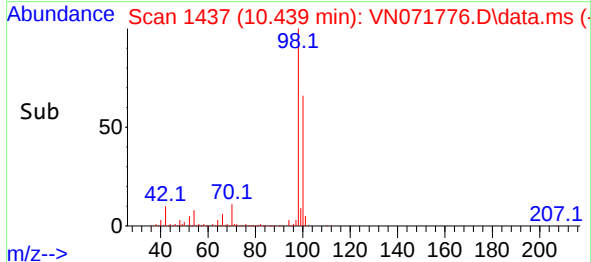
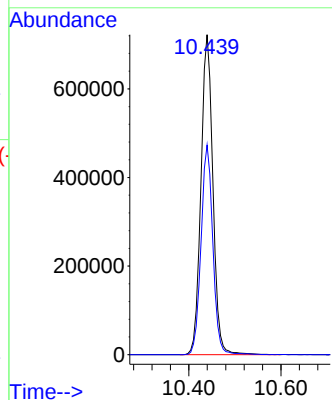
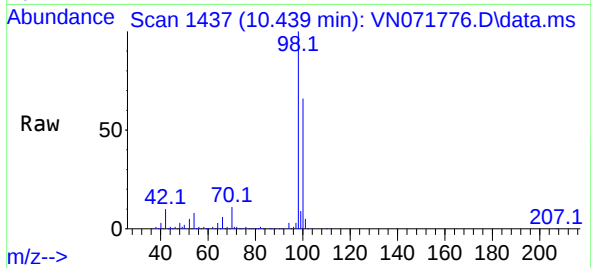




#50
Toluene-d8
Concen: 52.558 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

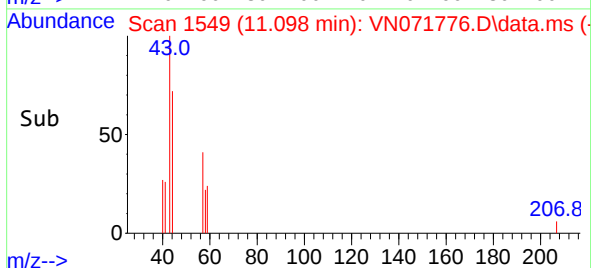
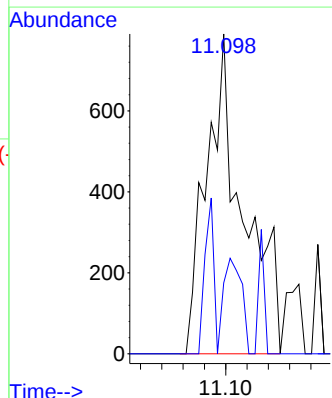
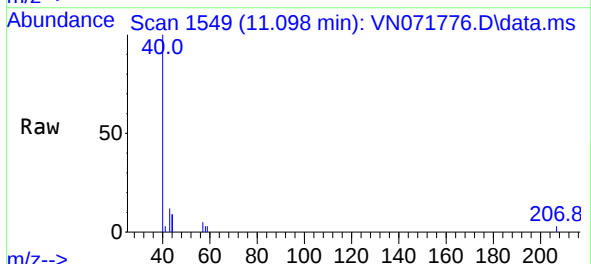
Instrument :
MSVOA_N
ClientSampleId :
MW-11

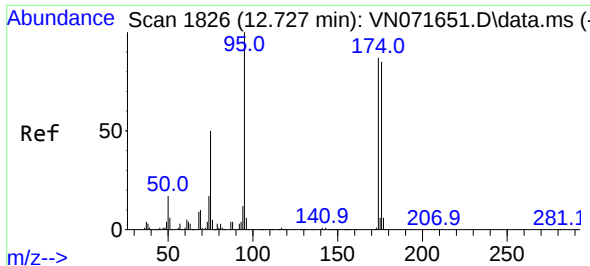
Tgt Ion: 98 Resp: 1305414
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#59
2-Hexanone
Concen: 0.302 ug/l
RT: 11.098 min Scan# 1549
Delta R.T. 0.017 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Tgt Ion: 43 Resp: 1889
Ion Ratio Lower Upper
43 100
58 14.8 29.7 89.1#

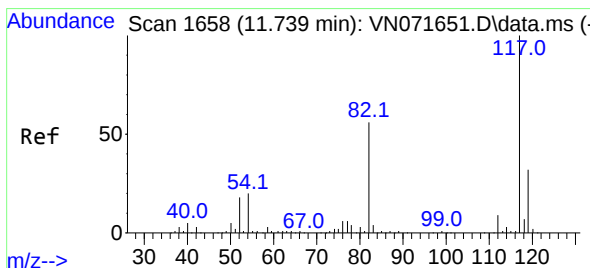
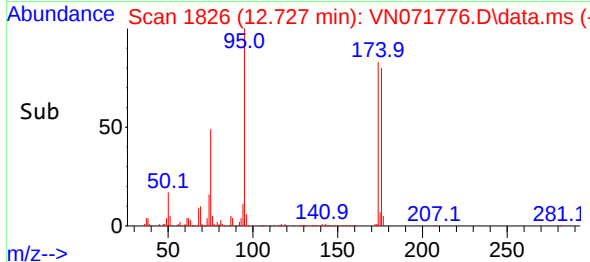
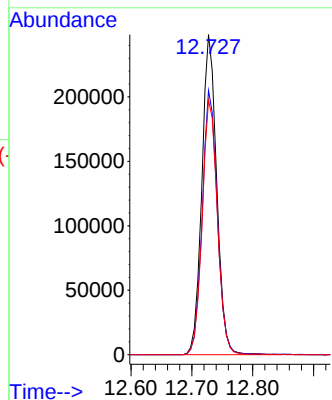
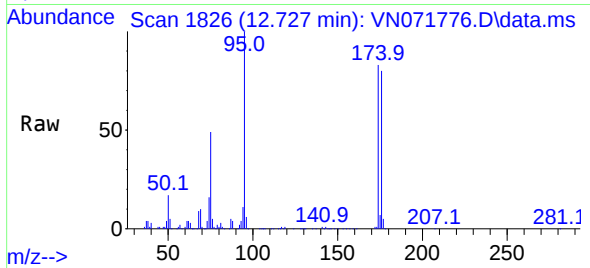




#62
4-Bromofluorobenzene
Concen: 52.340 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

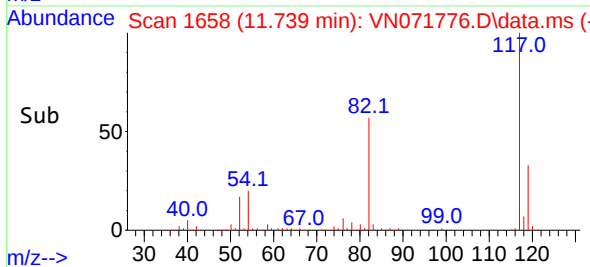
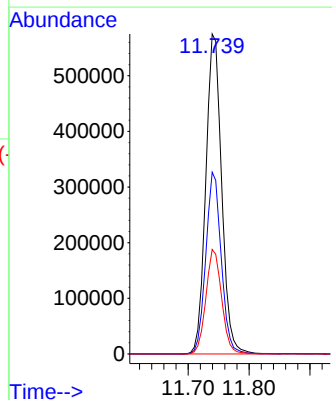
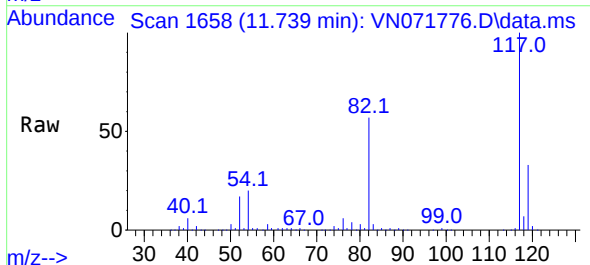
Instrument :
MSVOA_N
ClientSampleId :
MW-11

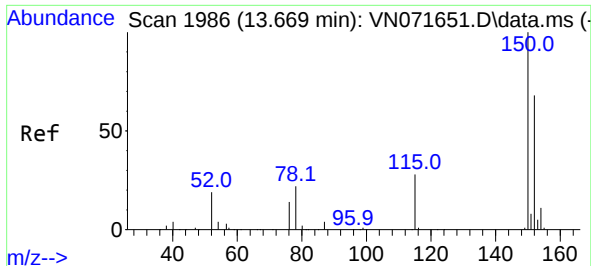
Tgt Ion: 95 Resp: 420441
Ion Ratio Lower Upper
95 100
174 83.8 0.0 167.6
176 81.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Tgt Ion: 117 Resp: 1042012
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 32.6 25.4 38.0

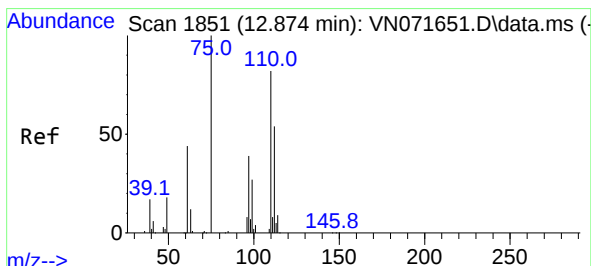
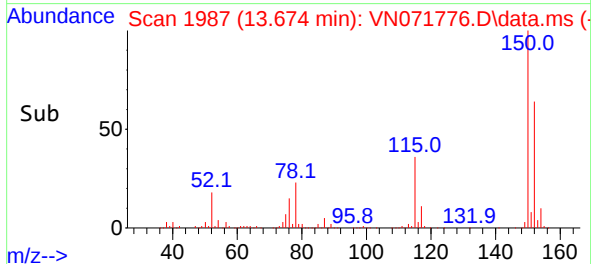
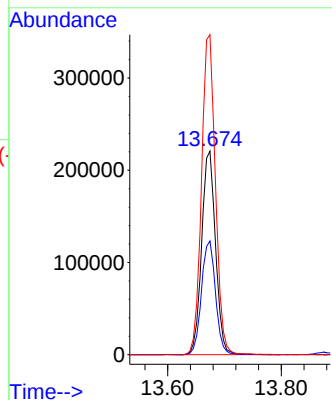
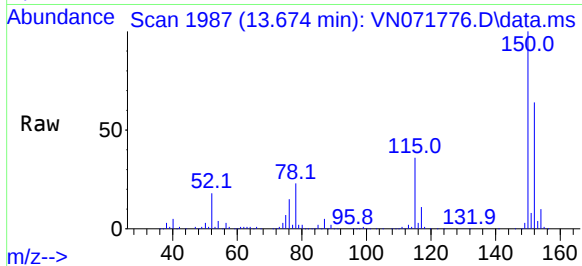




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.005 min
 Lab File: VN071776.D
 Acq: 02 Apr 2022 01:22

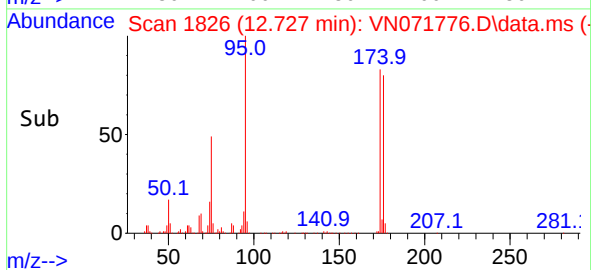
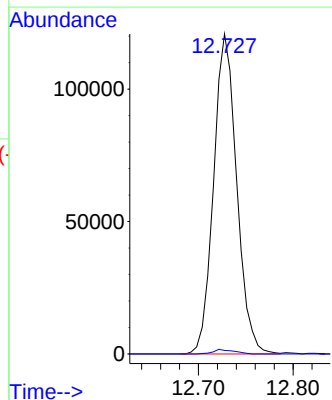
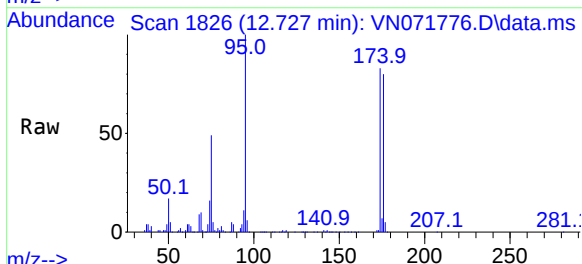
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

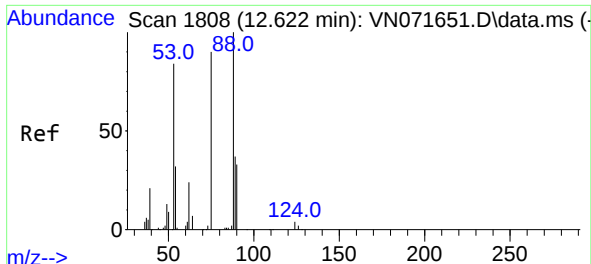
Tgt Ion:152 Resp: 374753
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.9 86.7
 150 157.7 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.603 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071776.D
 Acq: 02 Apr 2022 01:22

Tgt Ion: 75 Resp: 204912
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

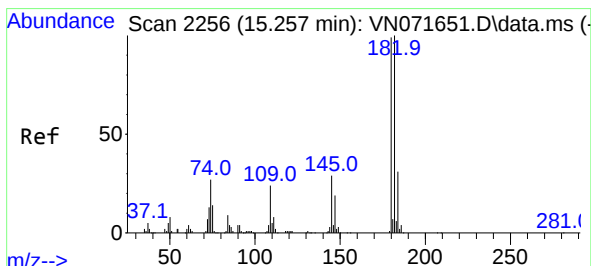
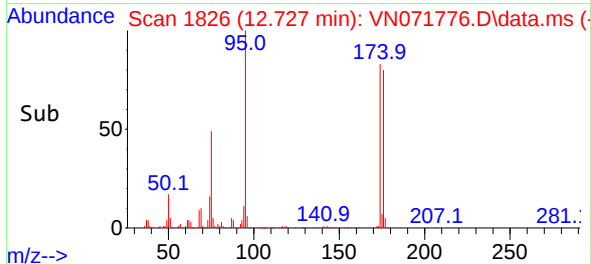
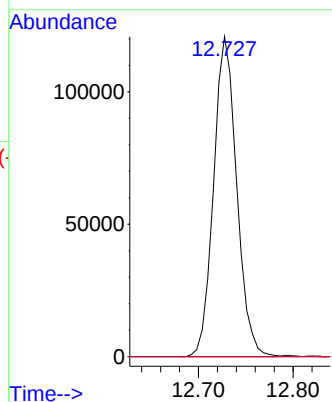
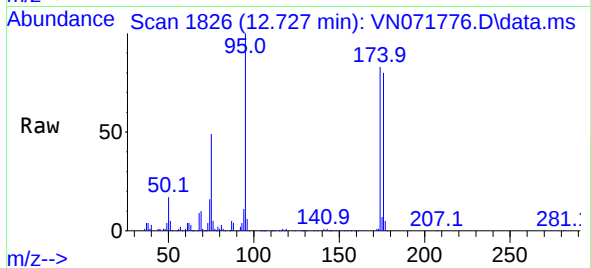




#81
trans-1,4-Dichloro-2-butene
Concen: 73.146 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

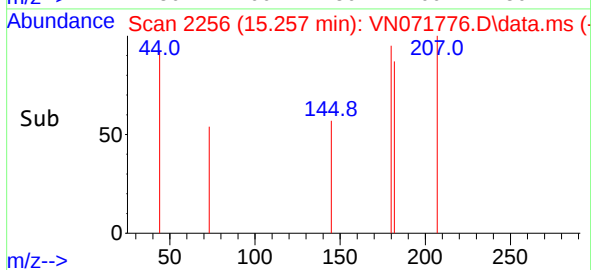
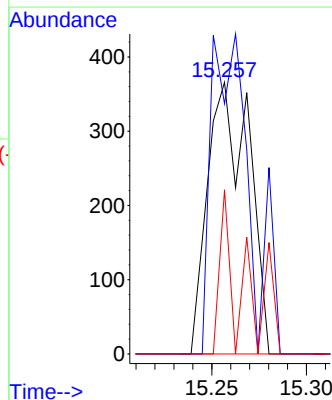
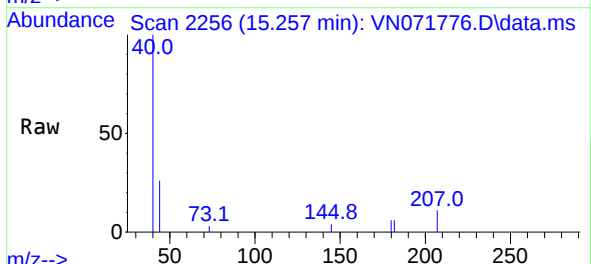
Instrument :
MSVOA_N
ClientSampleId :
MW-11

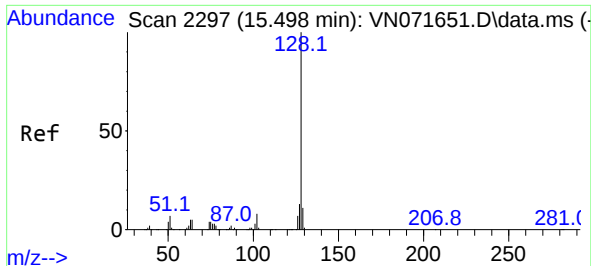
Tgt Ion: 75 Resp: 204912
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.175 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Tgt Ion:180 Resp: 556
Ion Ratio Lower Upper
180 100
182 109.4 47.5 142.5
145 14.0 14.5 43.5#

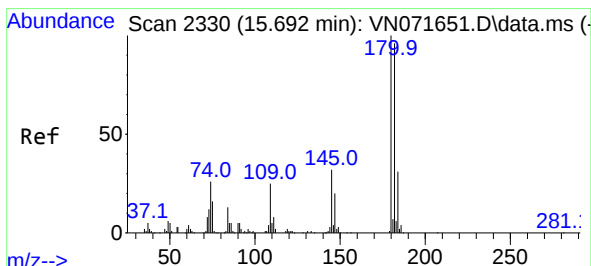
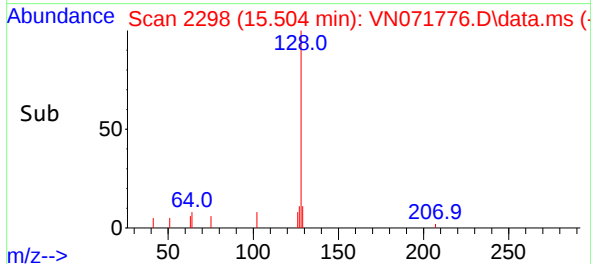
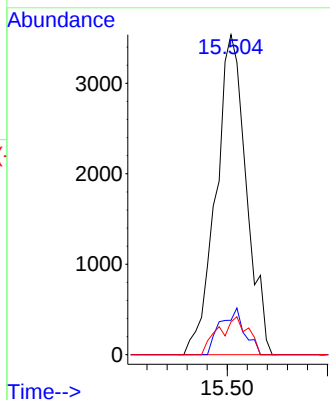
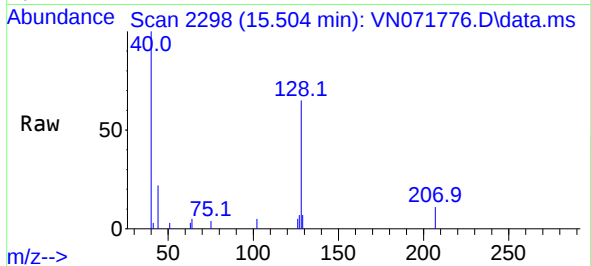




#95
Naphthalene
Concen: 4.206 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion:	128	Resp:	7444
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	11.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.529 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071776.D
Acq: 02 Apr 2022 01:22

Tgt Ion:	180	Resp:	700
Ion	Ratio	Lower	Upper
180	100		
182	65.1	47.8	143.3
145	18.4	15.5	46.5

