

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071757.D
 Acq On : 01 Apr 2022 16:55
 Operator : JC\MD
 Sample : N2090-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-51

Quant Time: Apr 02 00:55:42 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

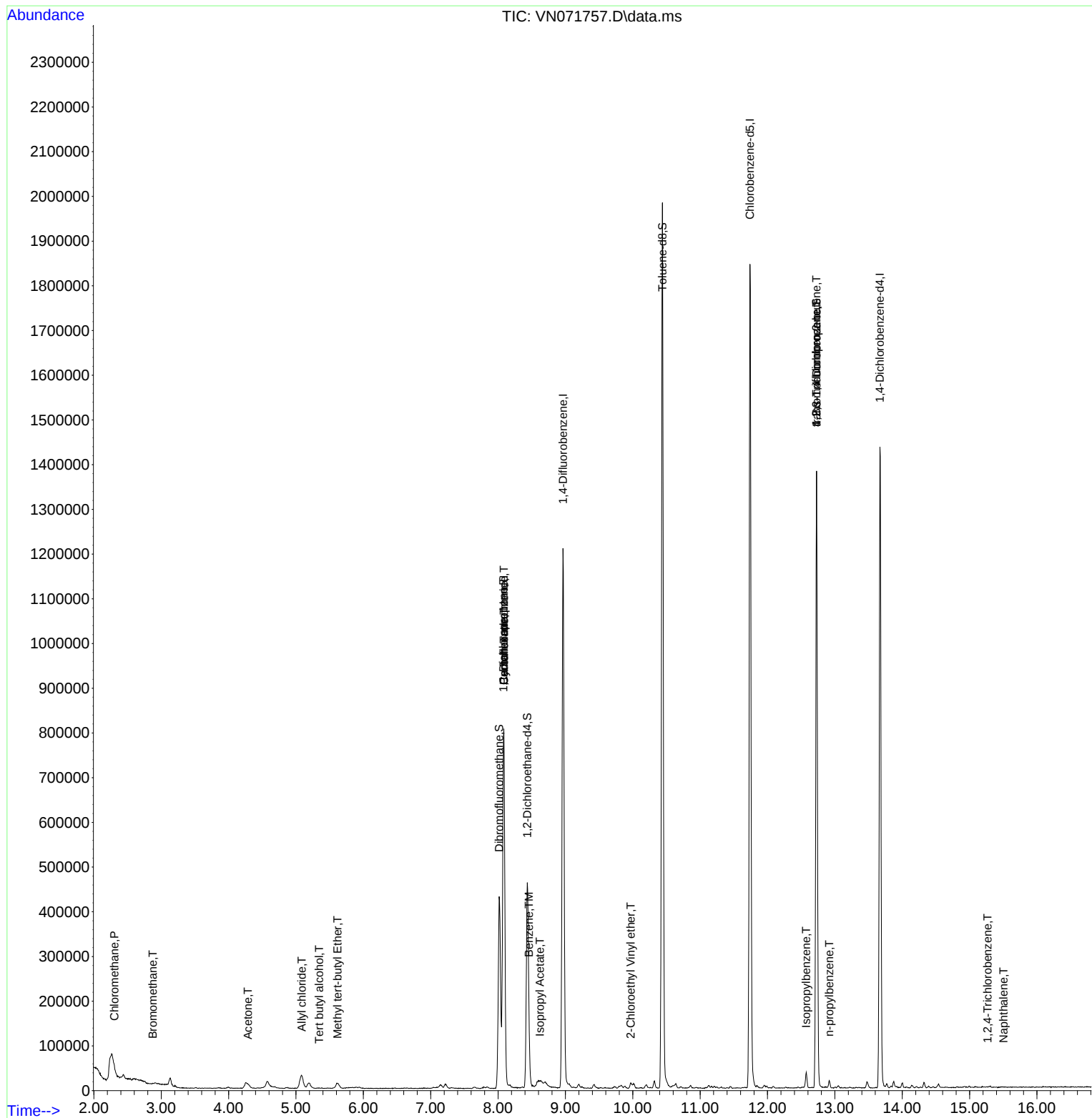
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.087	168	656715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1113740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1146303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	424091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	379695	50.645	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	101.300%	
35) Dibromofluoromethane	8.016	113	320060	48.836	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	97.680%	
50) Toluene-d8	10.439	98	1411450	52.647	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	105.300%	
62) 4-Bromofluorobenzene	12.727	95	486467	56.105	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	112.200%	
Target Compounds						Qvalue
3) Chloromethane	2.305	50	5169	0.781	ug/l	98
5) Bromomethane	2.875	94	1278	0.271	ug/l #	71
11) Tert butyl alcohol	5.346	59	795	0.653	ug/l #	72
14) Allyl chloride	5.087	41	13158	1.496	ug/l #	61
16) Acetone	4.287	43	14544	4.539	ug/l #	83
18) Methyl Acetate	4.869	43	3846	Below Cal	#	69
19) Methyl tert-butyl Ether	5.616	73	18371	0.912	ug/l	98
31) Cyclohexane	8.087	56	19476	1.910	ug/l #	8
36) 1,1-Dichloropropene	8.081	75	44166	4.826	ug/l #	49
38) Carbon Tetrachloride	8.087	117	59174	6.597	ug/l #	16
40) Benzene	8.457	78	36083	1.248	ug/l #	89
43) Isopropyl Acetate	8.622	43	17394	1.044	ug/l #	53
58) 2-Chloroethyl Vinyl ether	9.969	63	128	17.003	ug/l #	44
73) Isopropylbenzene	12.574	105	21412	0.599	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	235610	23.982	ug/l #	1
78) n-propylbenzene	12.916	91	13494	0.359	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.727	75	235610	74.320	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.268	180	240	2.120	ug/l #	39
95) Naphthalene	15.504	128	564	3.830	ug/l #	69

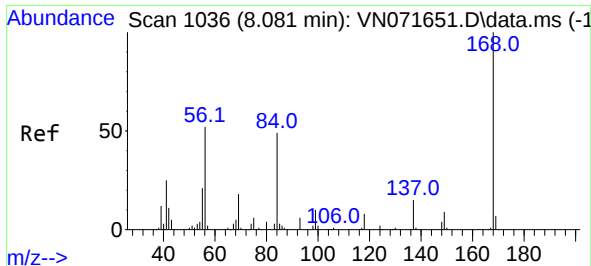
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071757.D
Acq On : 01 Apr 2022 16:55
Operator : JC\MD
Sample : N2090-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-51

Quant Time: Apr 02 00:55:42 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

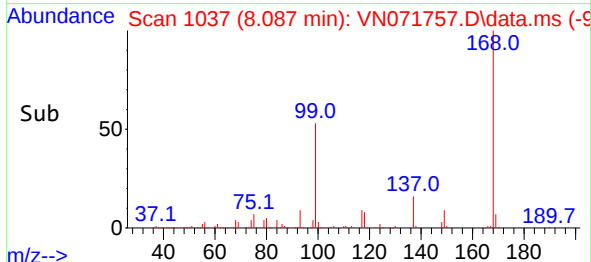
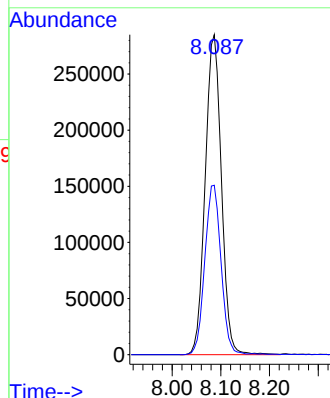
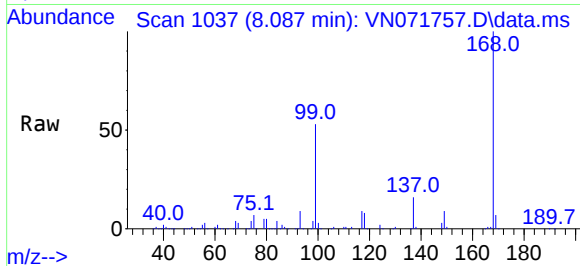




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

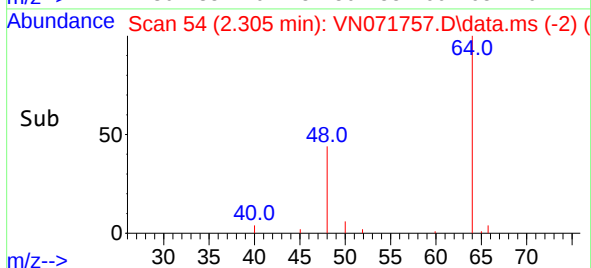
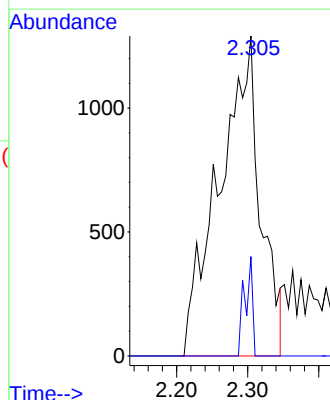
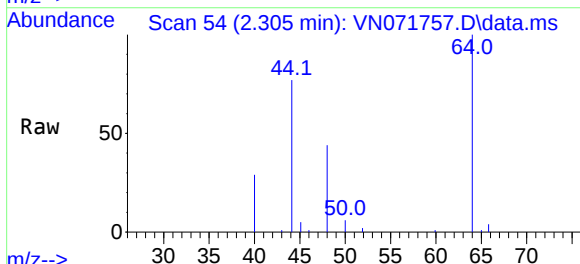
Instrument :
MSVOA_N
ClientSampleId :
MW-51

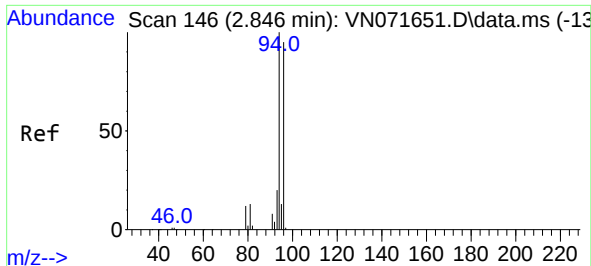
Tgt Ion:168 Resp: 656715
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5



#3
Chloromethane
Concen: 0.781 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

Tgt Ion: 50 Resp: 5169
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5

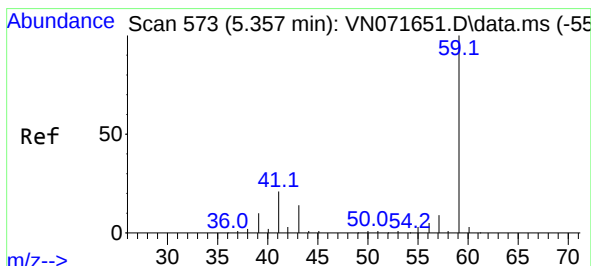
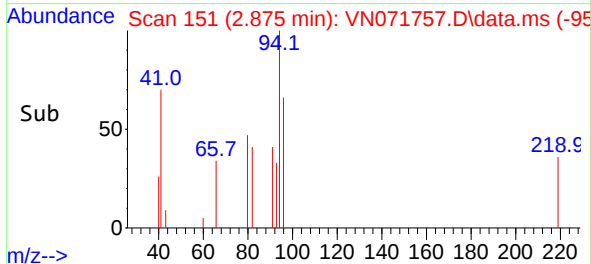
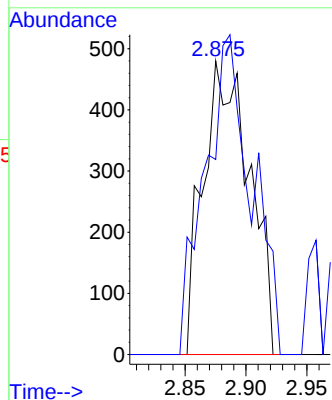
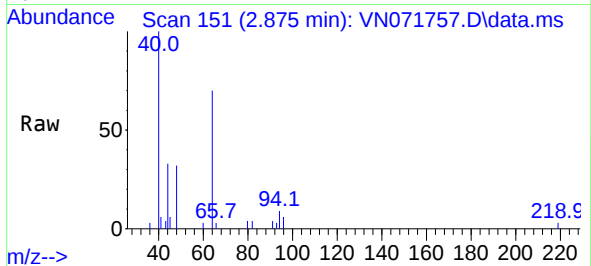




#5
Bromomethane
Concen: 0.271 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

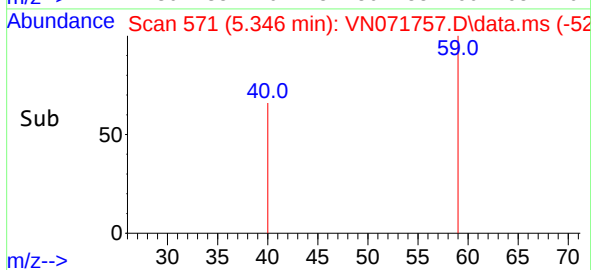
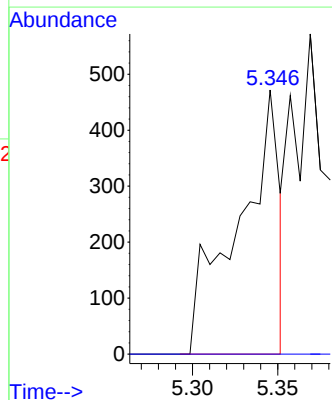
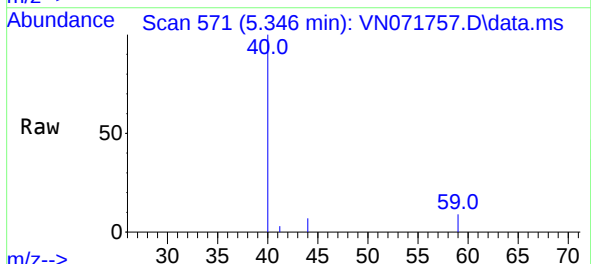
Instrument :
MSVOA_N
ClientSampleId :
MW-51

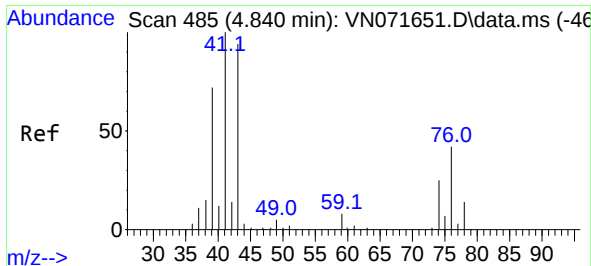
Tgt Ion: 94 Resp: 1278
Ion Ratio Lower Upper
94 100
96 66.5 76.0 114.0#



#11
Tert butyl alcohol
Concen: 0.653 ug/l
RT: 5.346 min Scan# 571
Delta R.T. -0.011 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

Tgt Ion: 59 Resp: 795
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

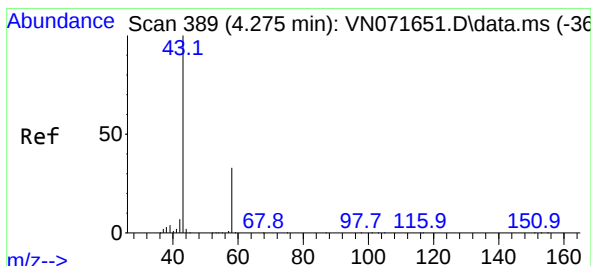
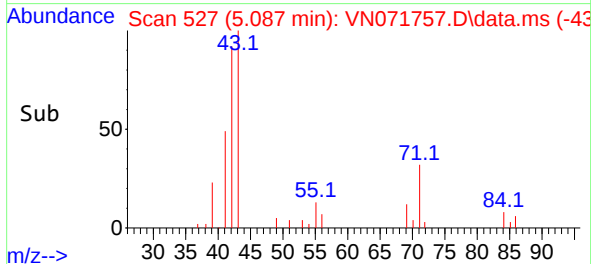
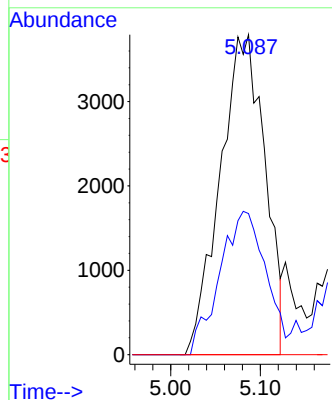
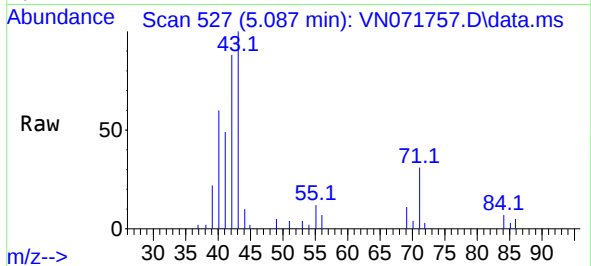




#14
Allyl chloride
Concen: 1.496 ug/l
RT: 5.087 min Scan# 51
Delta R.T. 0.247 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

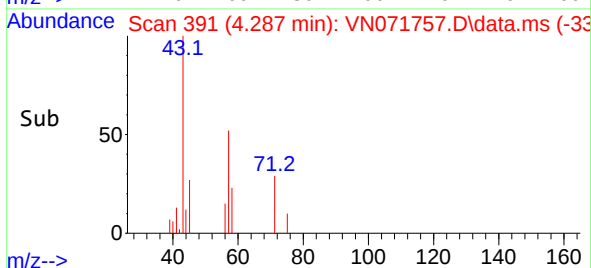
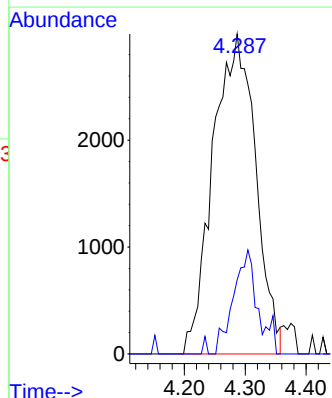
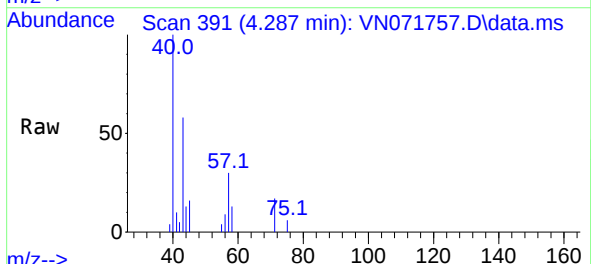
Instrument :
MSVOA_N
ClientSampleId :
MW-51

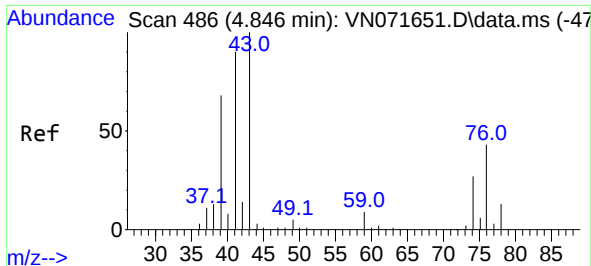
Tgt Ion: 41 Resp: 13158
Ion Ratio Lower Upper
41 100
39 45.5 53.2 79.8#
76 0.0 29.9 44.9#



#16
Acetone
Concen: 4.539 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

Tgt Ion: 43 Resp: 14544
Ion Ratio Lower Upper
43 100
58 23.2 26.0 39.0#

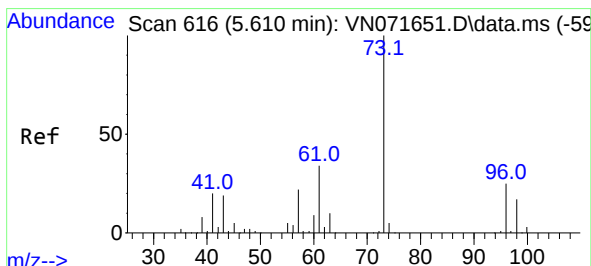
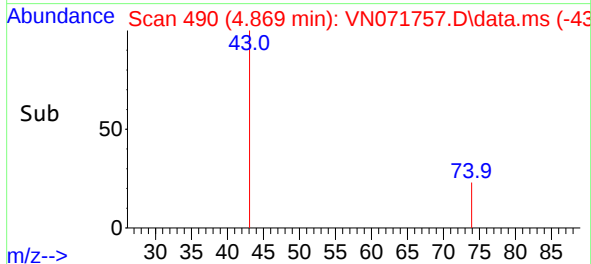
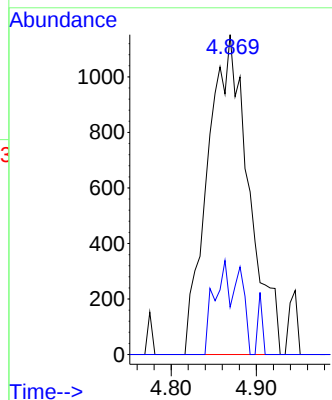
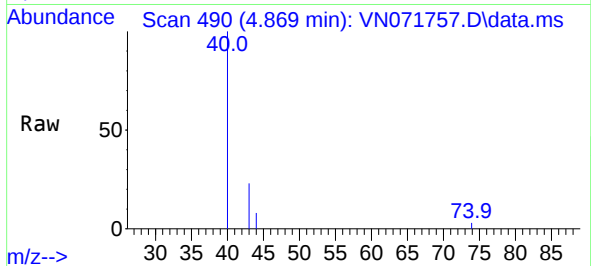




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

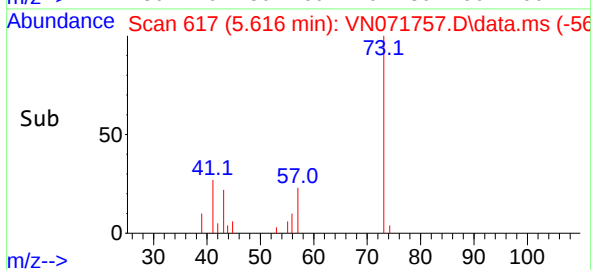
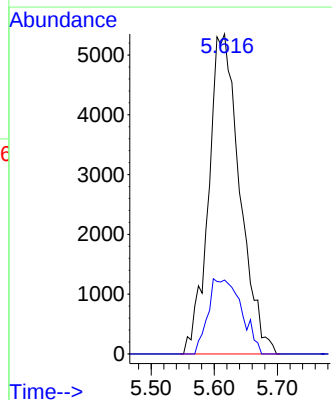
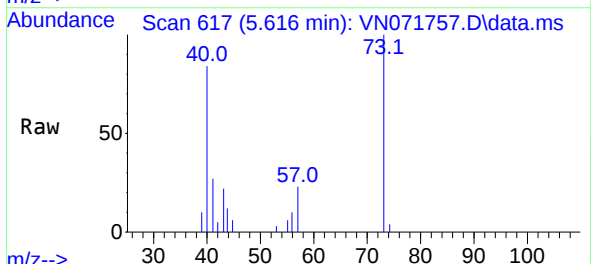
Instrument :
MSVOA_N
ClientSampleId :
MW-51

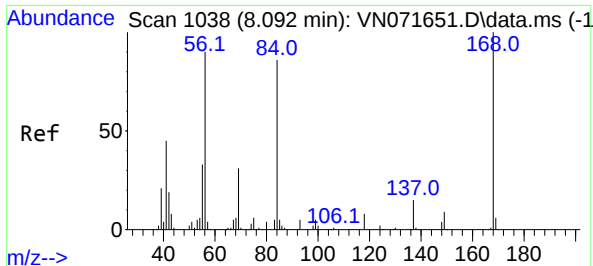
Tgt Ion: 43 Resp: 3846
Ion Ratio Lower Upper
43 100
74 10.8 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 0.912 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

Tgt Ion: 73 Resp: 18371
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4





#31

Cyclohexane

Concen: 1.910 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN071757.D

Acq: 01 Apr 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

MW-51

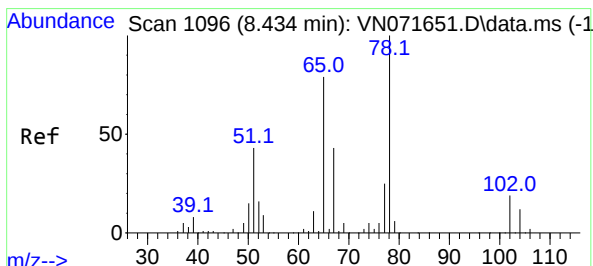
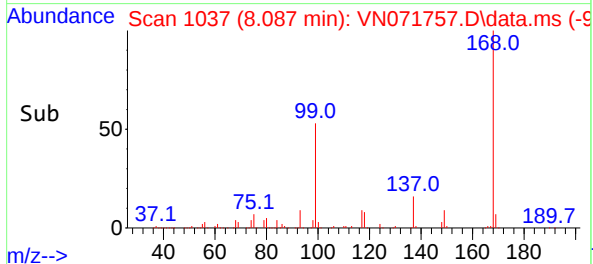
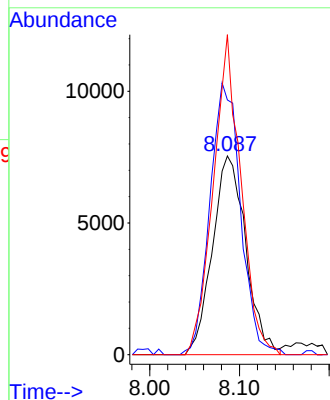
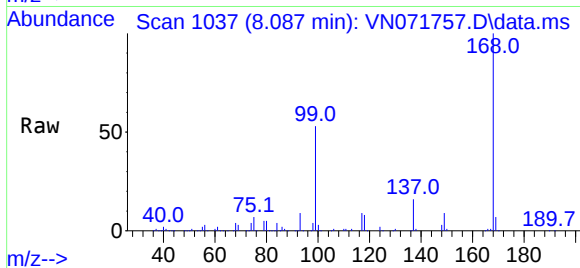
Tgt Ion: 56 Resp: 19476

Ion Ratio Lower Upper

56 100

69 128.2 27.8 41.8#

84 161.1 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.645 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071757.D

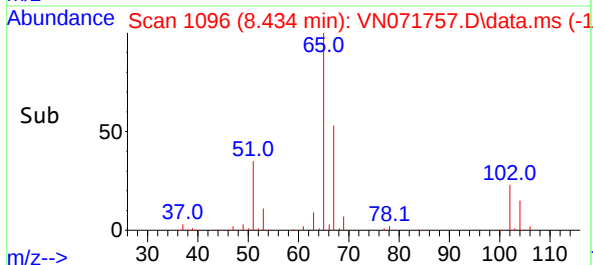
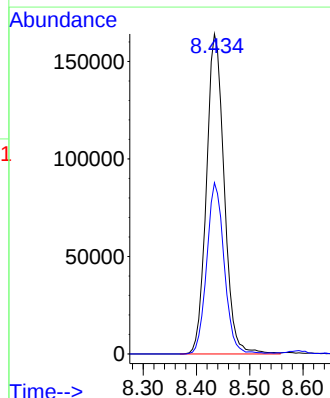
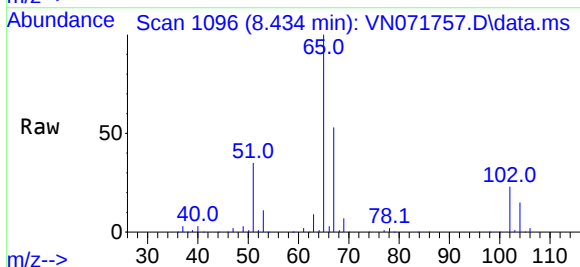
Acq: 01 Apr 2022 16:55

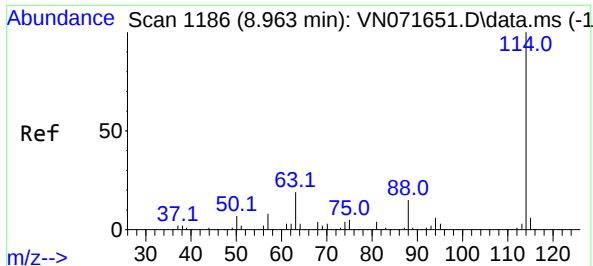
Tgt Ion: 65 Resp: 379695

Ion Ratio Lower Upper

65 100

67 52.6 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: VN071757.D

Acq: 01 Apr 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

MW-51

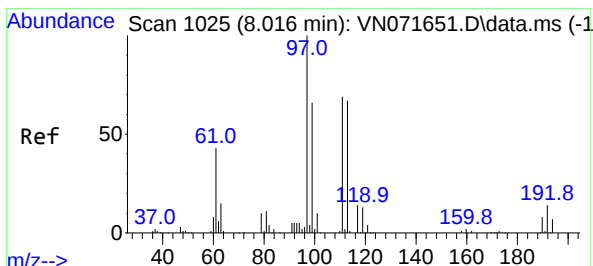
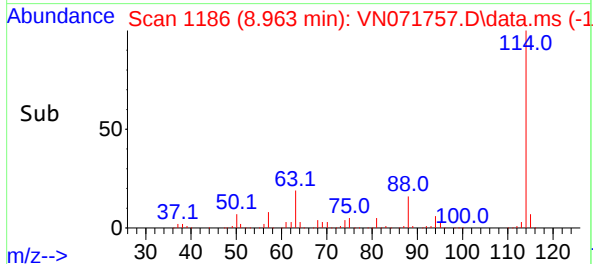
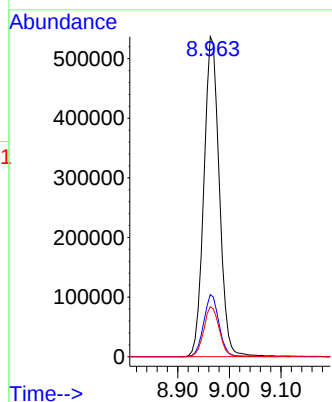
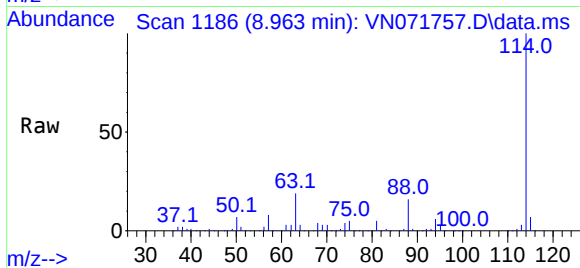
Tgt Ion:114 Resp: 1113740

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.836 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071757.D

Acq: 01 Apr 2022 16:55

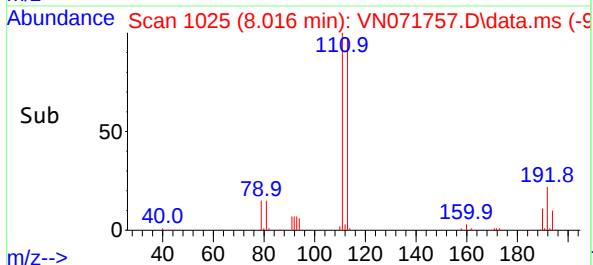
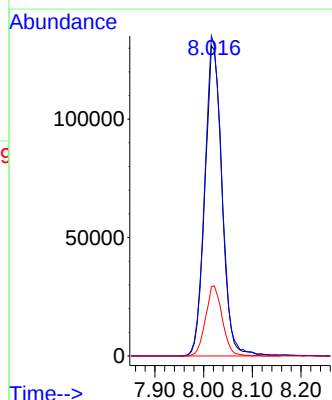
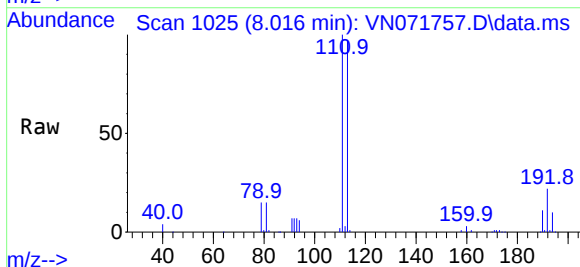
Tgt Ion:113 Resp: 320060

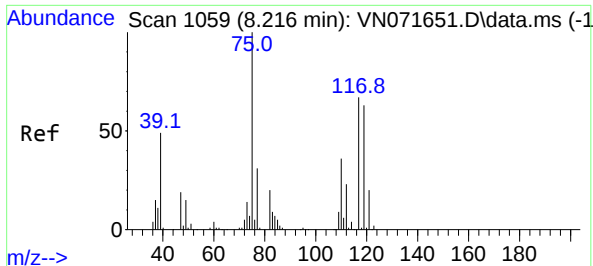
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 22.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.826 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071757.D

Acq: 01 Apr 2022 16:55

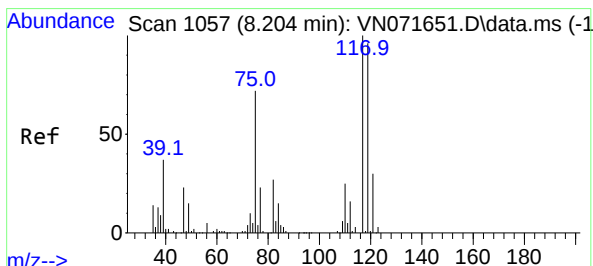
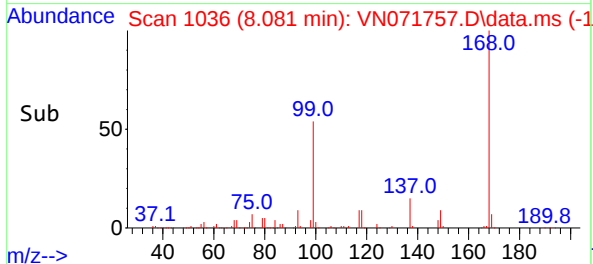
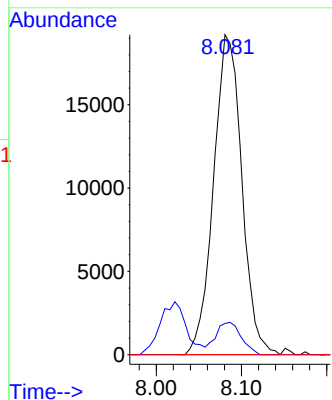
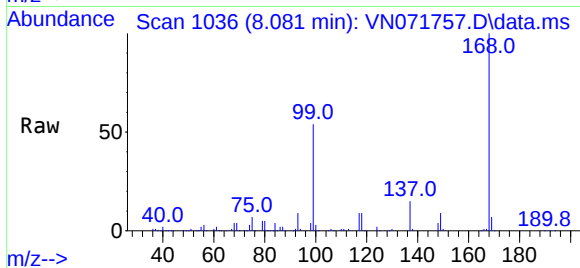
Instrument :

MSVOA_N

ClientSampleId :

MW-51

Tgt Ion: 75	Resp: 44166
Ion Ratio	Lower Upper
75	100
110	9.1 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.597 ug/l

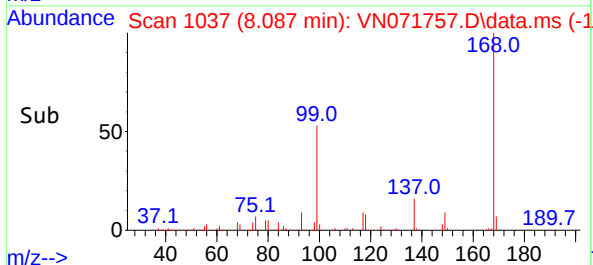
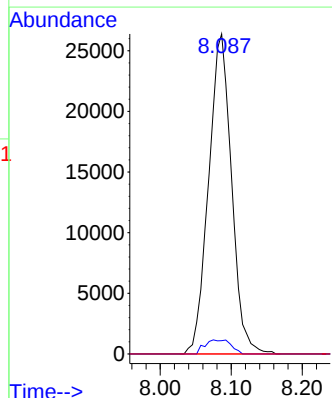
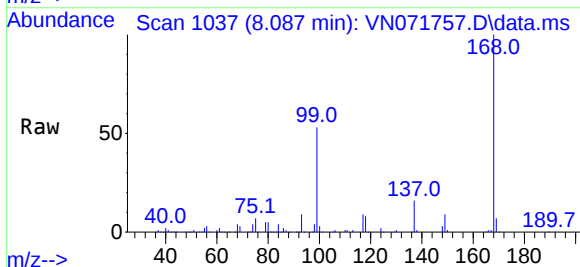
RT: 8.087 min Scan# 1037

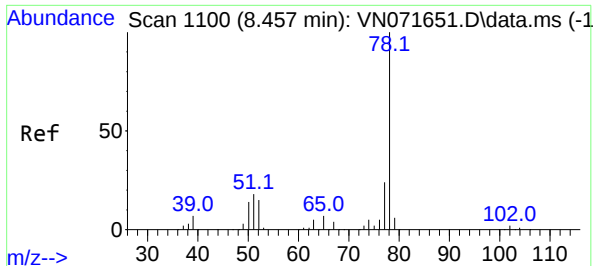
Delta R.T. -0.117 min

Lab File: VN071757.D

Acq: 01 Apr 2022 16:55

Tgt Ion: 117	Resp: 59174
Ion Ratio	Lower Upper
117	100
119	4.1 75.8 113.8#
121	0.0 24.6 37.0#

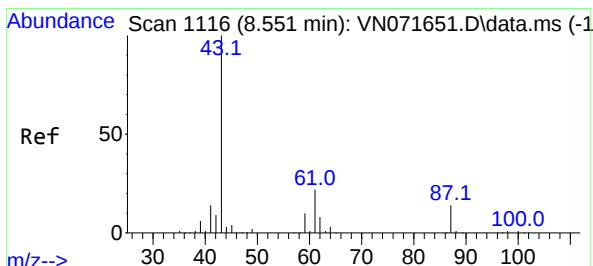
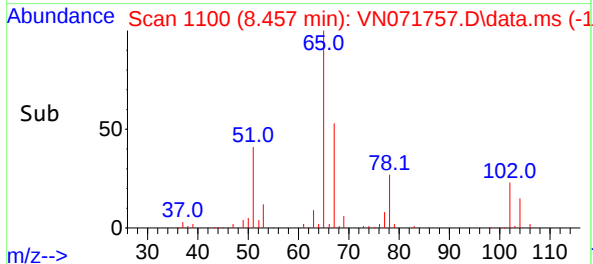
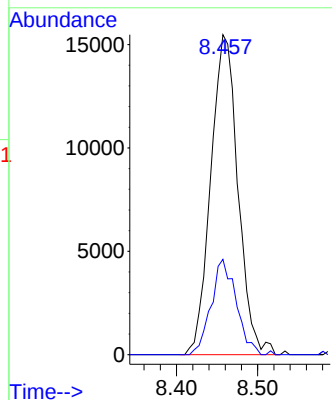
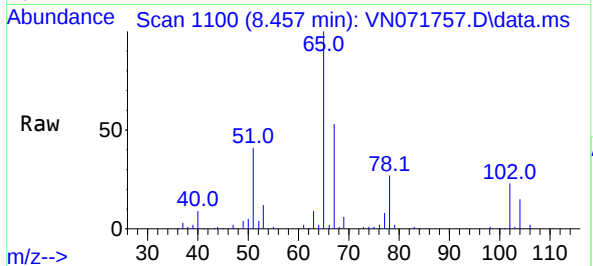




#40
Benzene
Concen: 1.248 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

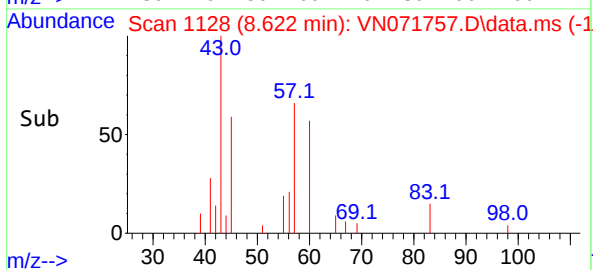
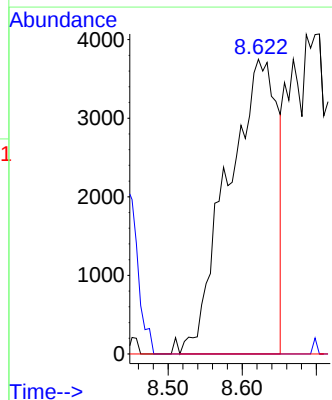
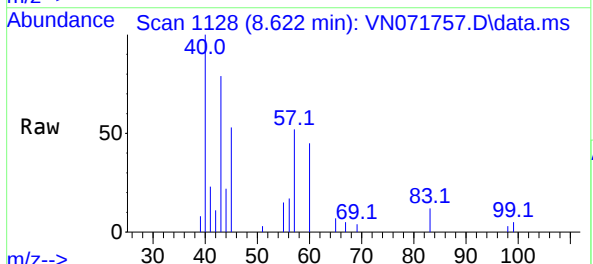
Instrument :
MSVOA_N
ClientSampleId :
MW-51

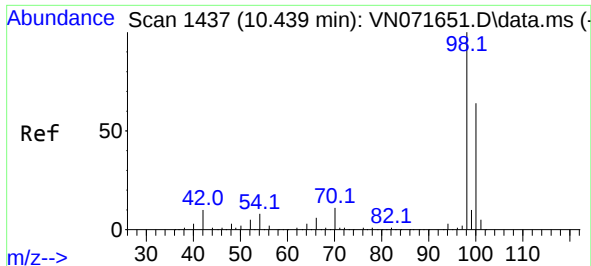
Tgt Ion: 78 Resp: 36083
Ion Ratio Lower Upper
78 100
77 29.8 19.4 29.0#



#43
Isopropyl Acetate
Concen: 1.044 ug/l
RT: 8.622 min Scan# 1128
Delta R.T. 0.071 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

Tgt Ion: 43 Resp: 17394
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

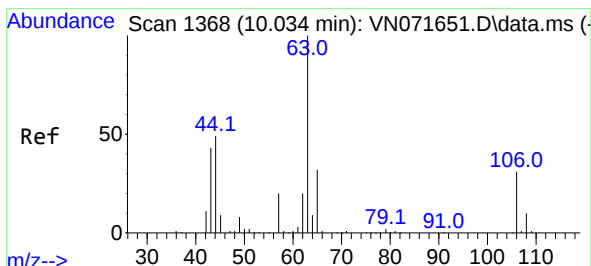
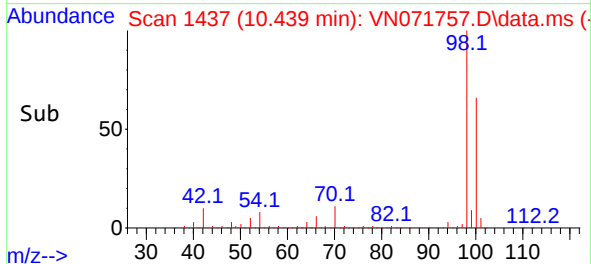
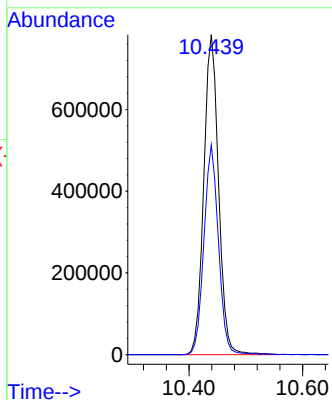
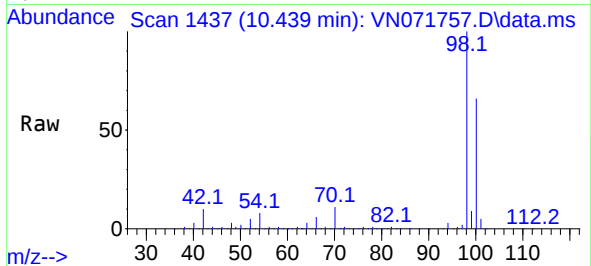




#50
Toluene-d8
Concen: 52.647 ug/l
RT: 10.439 min Scan# 141
Delta R.T. 0.000 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

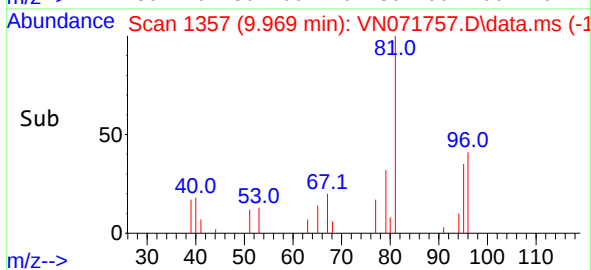
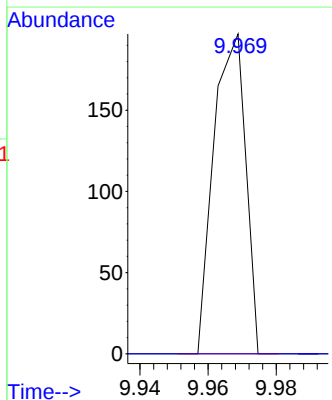
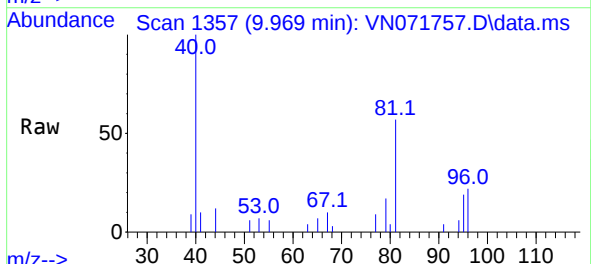
Instrument :
MSVOA_N
ClientSampleId :
MW-51

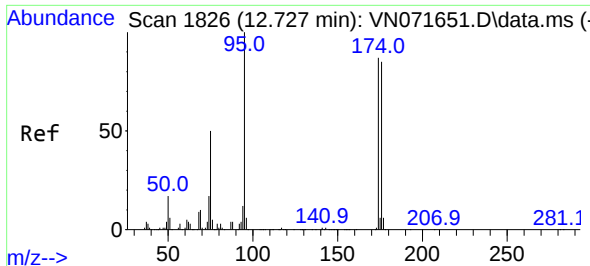
Tgt Ion: 98 Resp: 1411450
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#58
2-Chloroethyl Vinyl ether
Concen: 17.003 ug/l
RT: 9.969 min Scan# 1357
Delta R.T. -0.065 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

Tgt Ion: 63 Resp: 128
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8

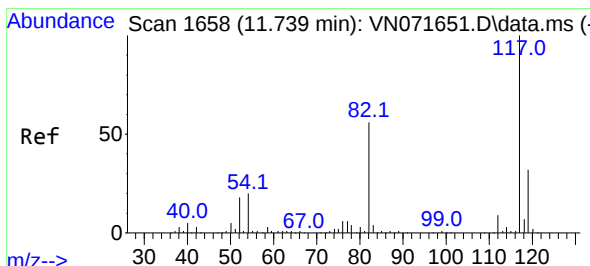
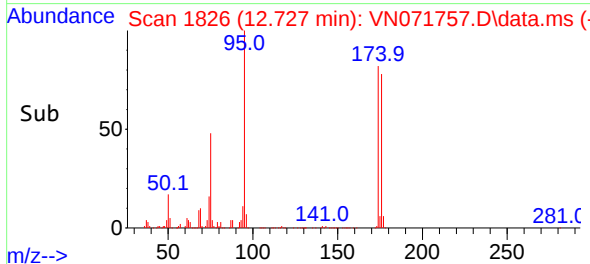
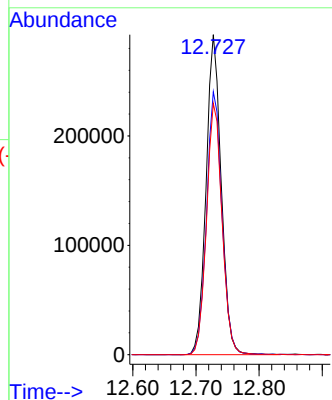
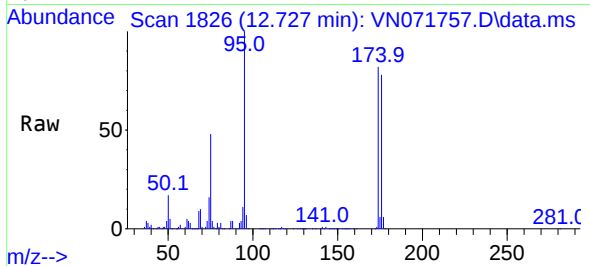




#62
4-Bromofluorobenzene
Concen: 56.105 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

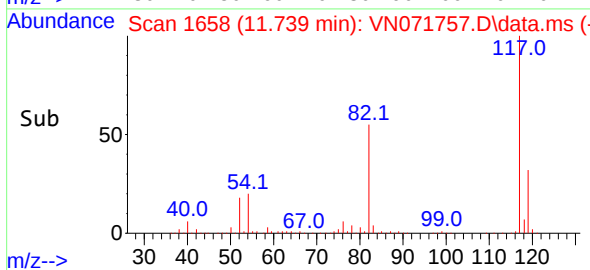
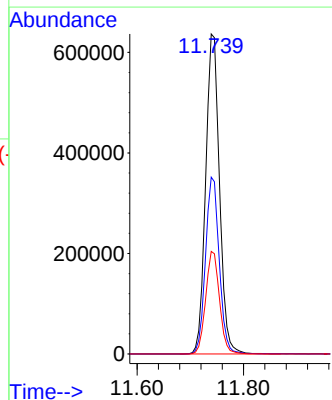
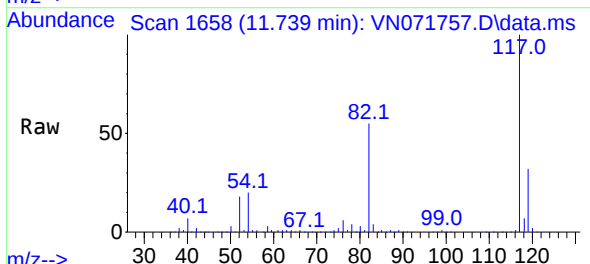
Instrument :
MSVOA_N
ClientSampleId :
MW-51

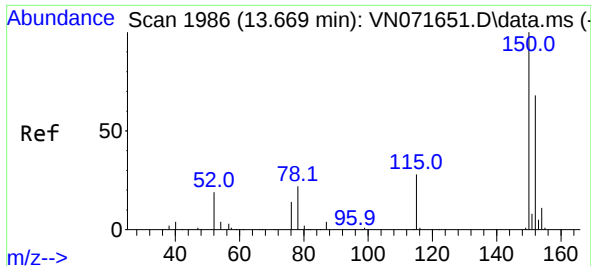
Tgt Ion: 95 Resp: 486467
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 80.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

Tgt Ion: 117 Resp: 1146303
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.0 25.4 38.0

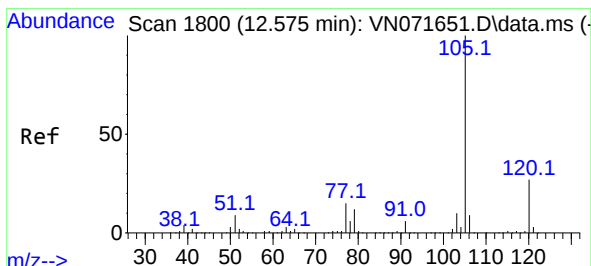
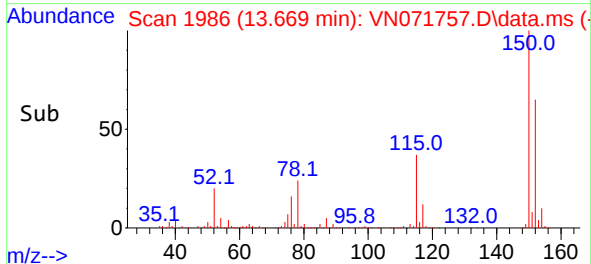
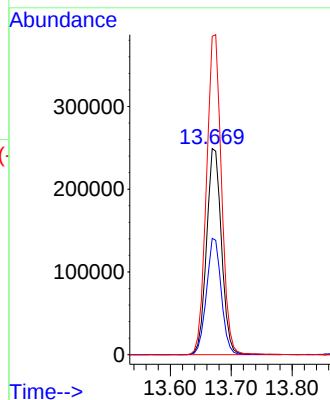
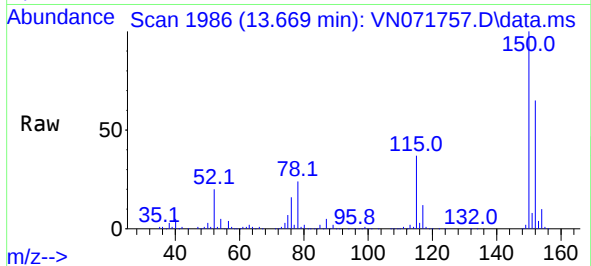




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

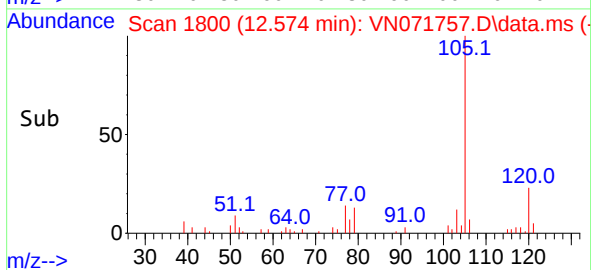
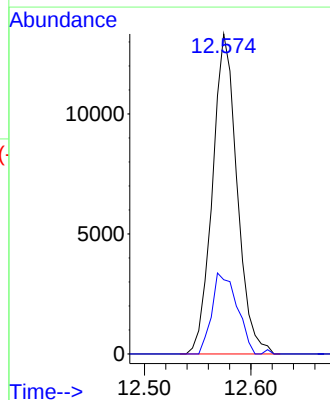
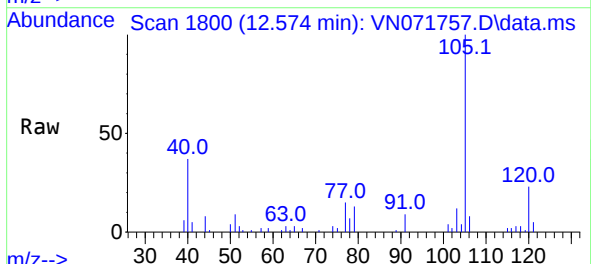
Instrument :
MSVOA_N
ClientSampleId :
MW-51

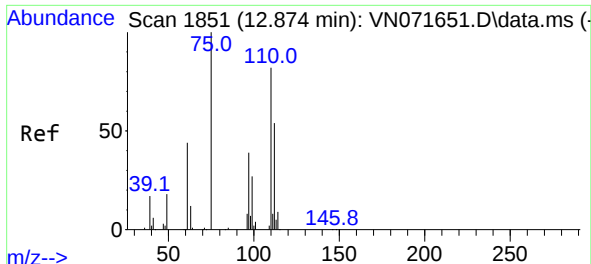
Tgt Ion:152 Resp: 424091
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 155.9 0.0 356.2



#73
Isopropylbenzene
Concen: 0.599 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

Tgt Ion:105 Resp: 21412
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4

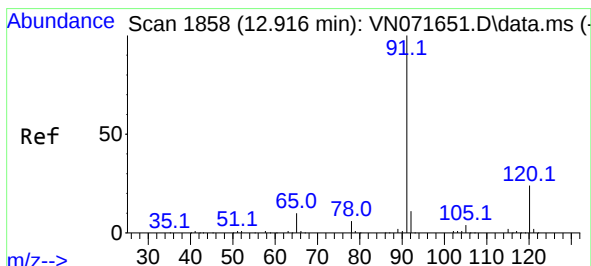
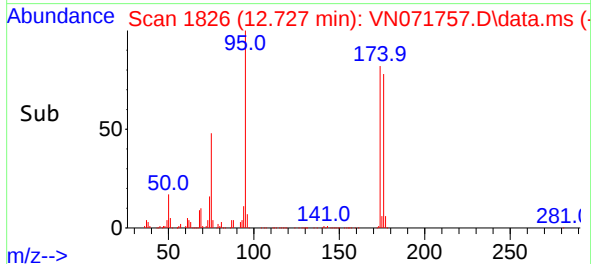
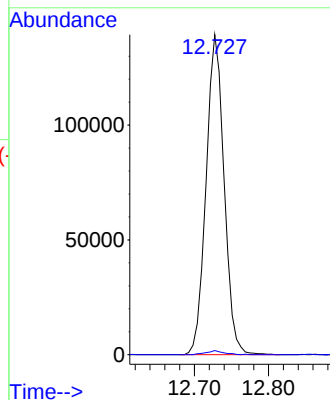
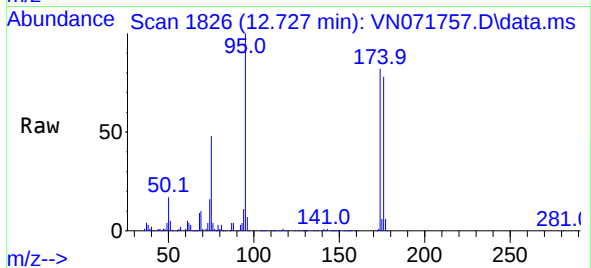




#76
1,2,3-Trichloropropane
Concen: 23.982 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

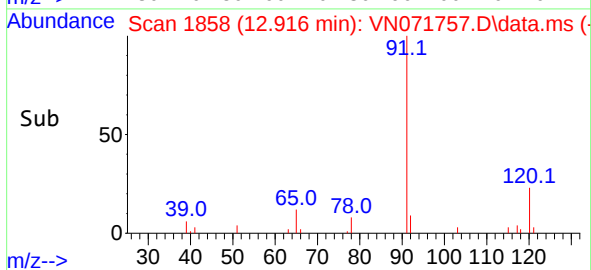
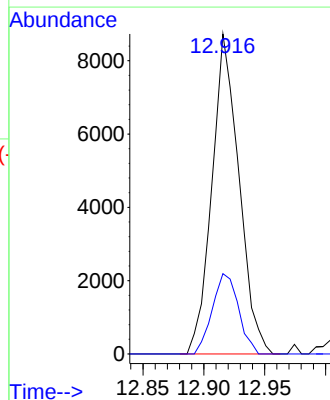
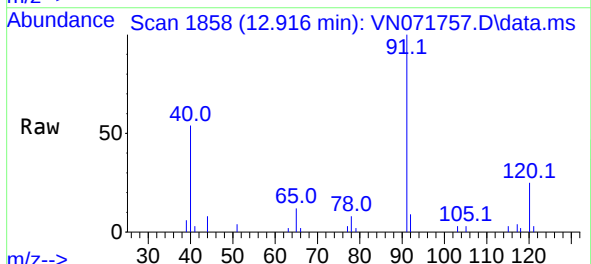
Instrument :
MSVOA_N
ClientSampleId :
MW-51

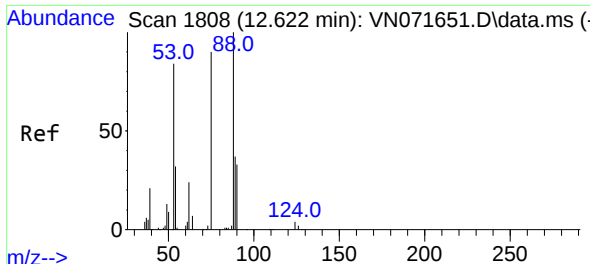
Tgt Ion: 75 Resp: 235610
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#78
n-propylbenzene
Concen: 0.359 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

Tgt Ion: 91 Resp: 13494
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5

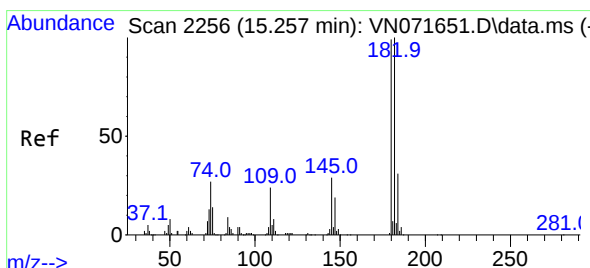
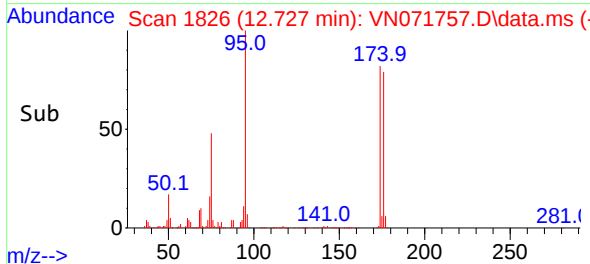
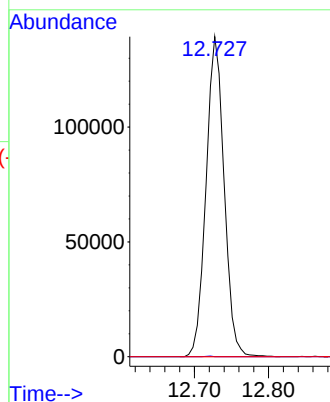
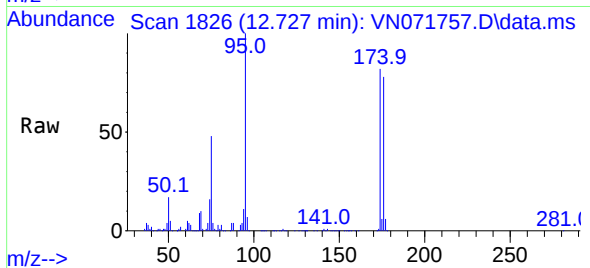




#81
trans-1,4-Dichloro-2-butene
Concen: 74.320 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

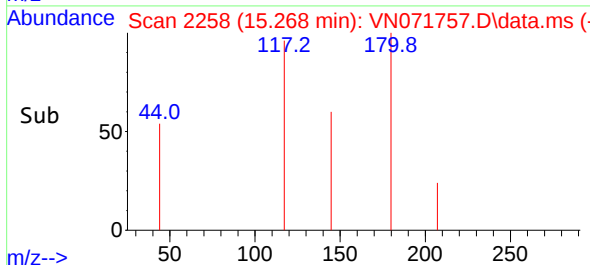
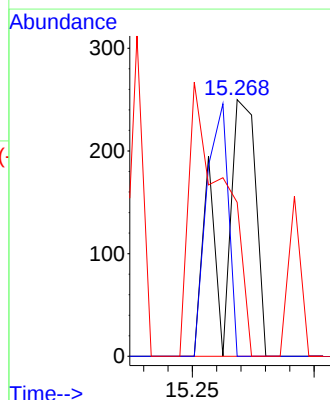
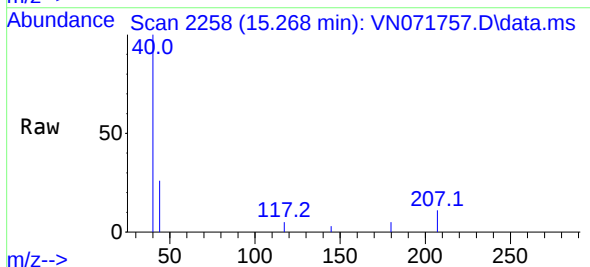
Instrument :
MSVOA_N
ClientSampleId :
MW-51

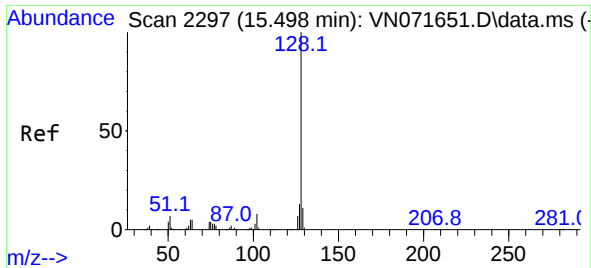
Tgt Ion: 75 Resp: 235610
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.120 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.011 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

Tgt Ion:180 Resp: 240
Ion Ratio Lower Upper
180 100
182 63.3 47.5 142.5
145 111.7 14.5 43.5#





#95
Naphthalene
Concen: 3.830 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071757.D
Acq: 01 Apr 2022 16:55

Instrument :
MSVOA_N
ClientSampleId :
MW-51

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

