

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071766.D
 Acq On : 01 Apr 2022 20:33
 Operator : JC\MD
 Sample : N2090-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-63

Quant Time: Apr 02 00:57:55 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)

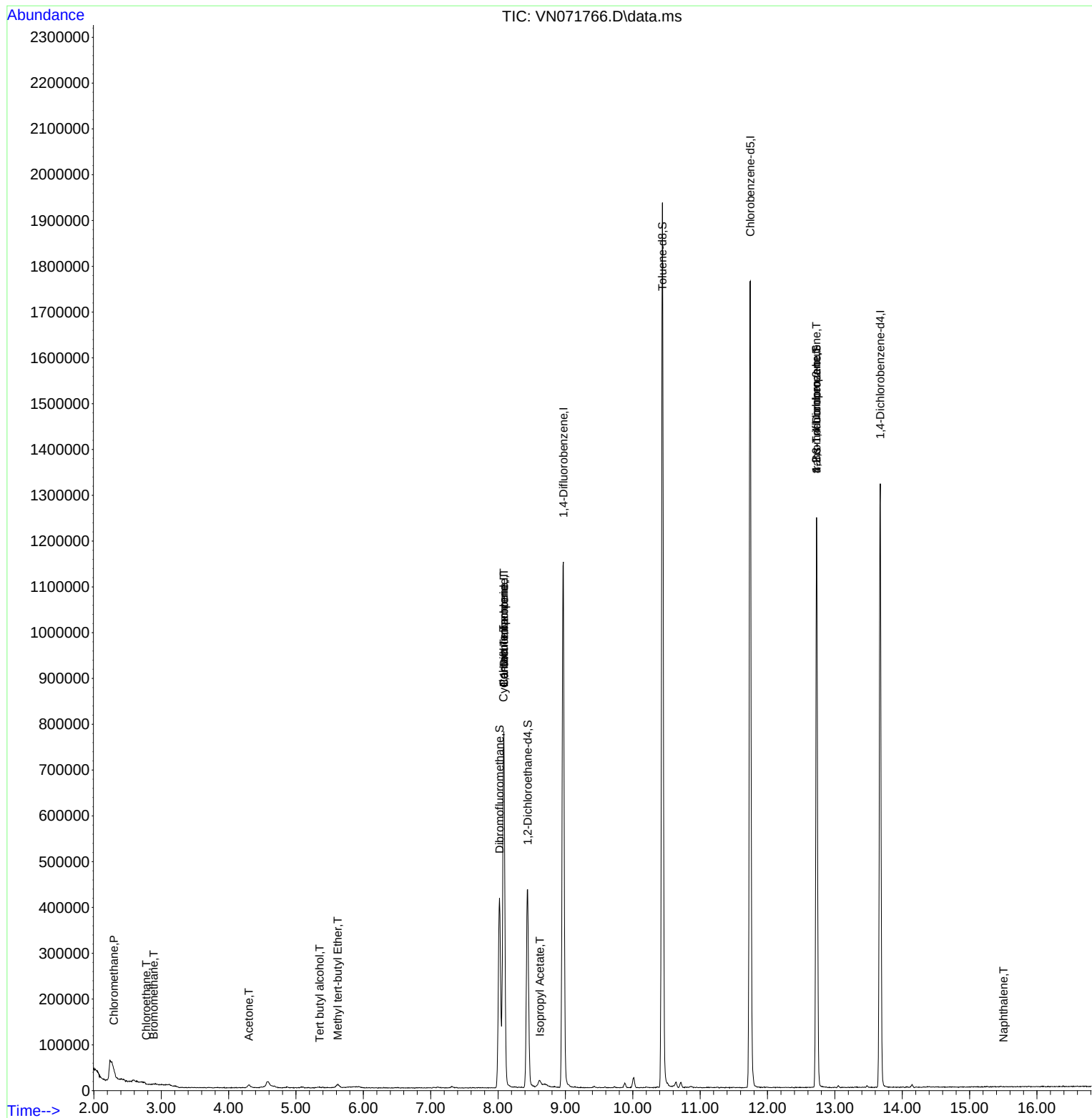
Internal Standards						
1) Pentafluorobenzene	8.086	168	629082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1078467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1113045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	385946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	364604	50.768	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.540%		
35) Dibromofluoromethane	8.022	113	313357	49.377	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.760%		
50) Toluene-d8	10.439	98	1382321	53.247	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 106.500%		
62) 4-Bromofluorobenzene	12.727	95	441342	52.565	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 105.140%		
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	1700	0.268	ug/l #	76
5) Bromomethane	2.887	94	1280	0.283	ug/l #	62
6) Chloroethane	2.781	64	5607	1.120	ug/l #	42
11) Tert butyl alcohol	5.351	59	633	0.543	ug/l #	72
16) Acetone	4.298	43	9501	3.096	ug/l	97
18) Methyl Acetate	4.863	43	3053	Below Cal	#	78
19) Methyl tert-butyl Ether	5.622	73	12299	0.638	ug/l	99
31) Cyclohexane	8.081	56	11932	1.222	ug/l #	23
36) 1,1-Dichloropropene	8.086	75	44024	4.968	ug/l #	48
38) Carbon Tetrachloride	8.086	117	58033	6.682	ug/l #	16
43) Isopropyl Acetate	8.622	43	8722	0.541	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	213404	23.869	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	213404	73.968	ug/l #	10
95) Naphthalene	15.504	128	182	3.812	ug/l #	69

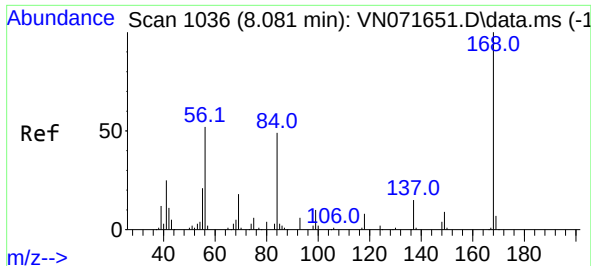
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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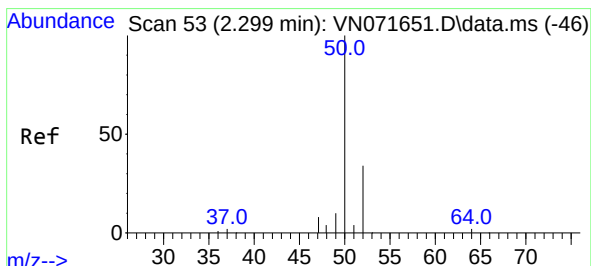
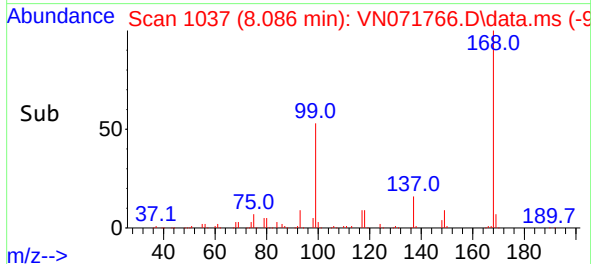
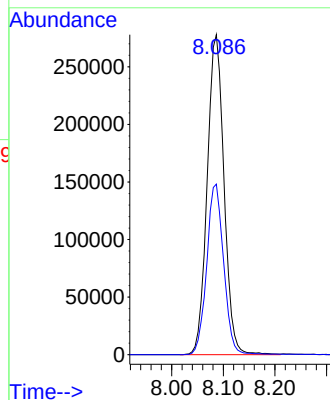
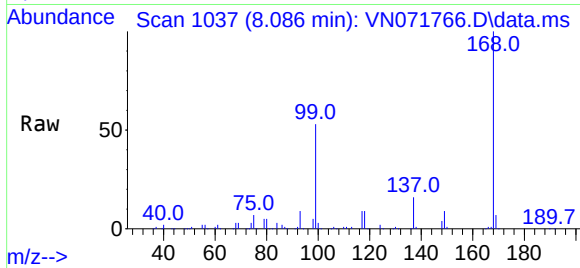




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

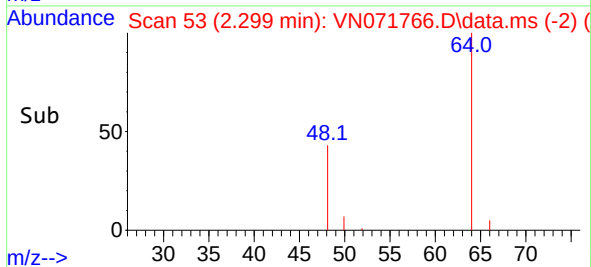
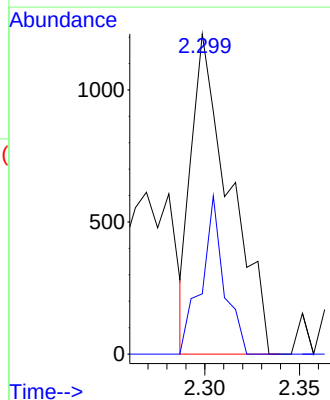
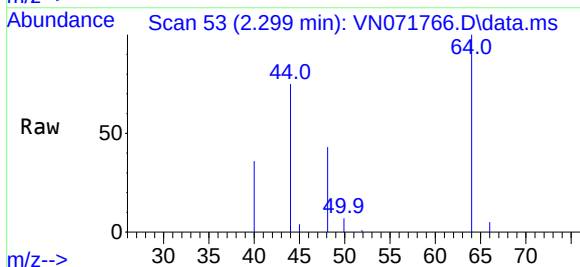
Instrument :
MSVOA_N
ClientSampleId :
MW-63

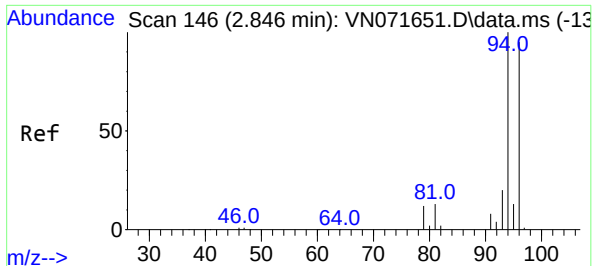
Tgt Ion:168 Resp: 629082
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5



#3
Chloromethane
Concen: 0.268 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

Tgt Ion: 50 Resp: 1700
Ion Ratio Lower Upper
50 100
52 18.8 25.7 38.5#

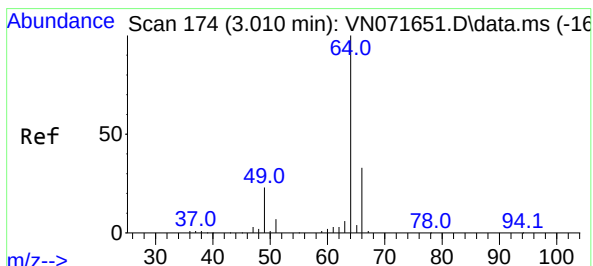
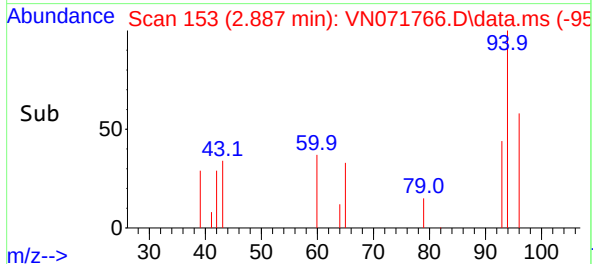
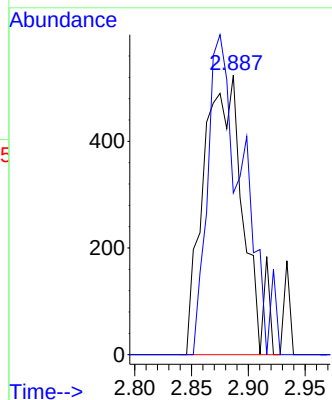
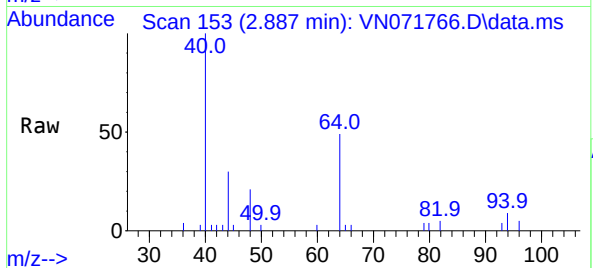




#5
Bromomethane
Concen: 0.283 ug/l
RT: 2.887 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

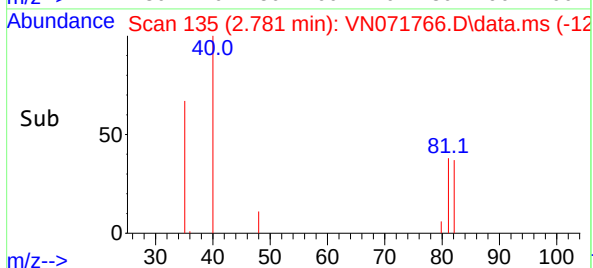
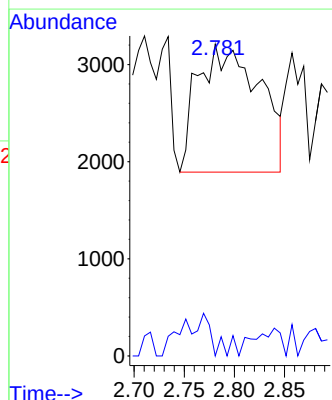
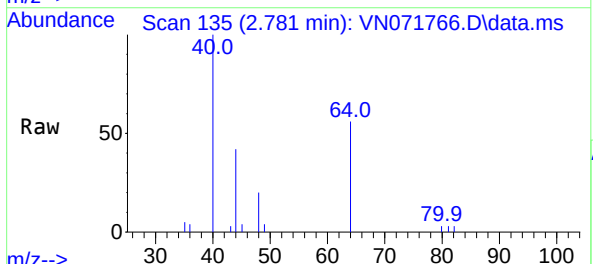
Instrument :
MSVOA_N
ClientSampleId :
MW-63

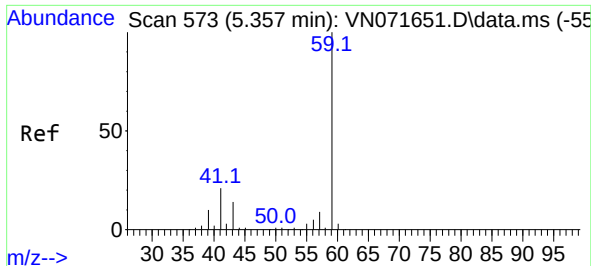
Tgt Ion: 94 Resp: 1280
Ion Ratio Lower Upper
94 100
96 57.8 76.0 114.0#



#6
Chloroethane
Concen: 1.120 ug/l
RT: 2.781 min Scan# 135
Delta R.T. -0.229 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

Tgt Ion: 64 Resp: 5607
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

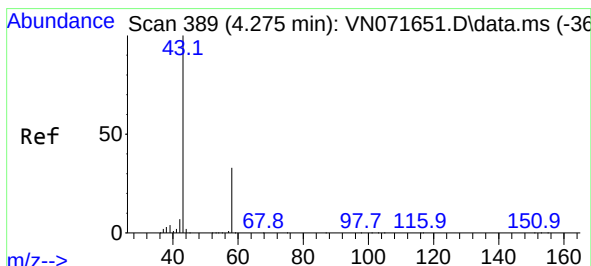
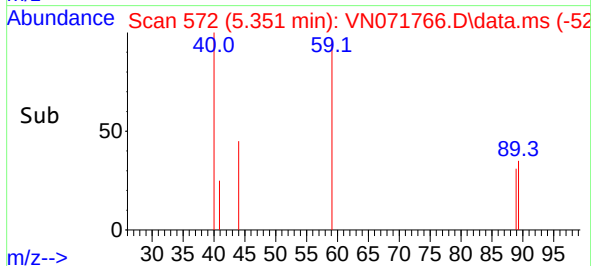
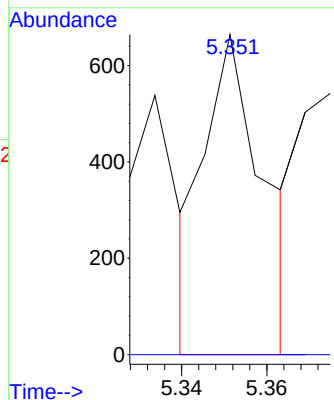
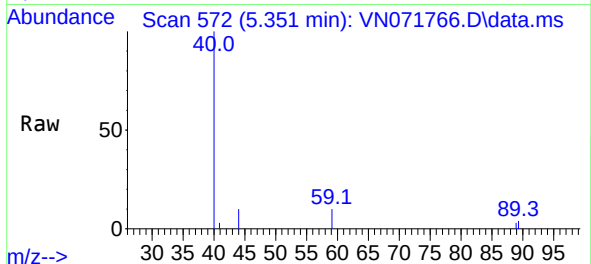




#11
Tert butyl alcohol
Concen: 0.543 ug/l
RT: 5.351 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

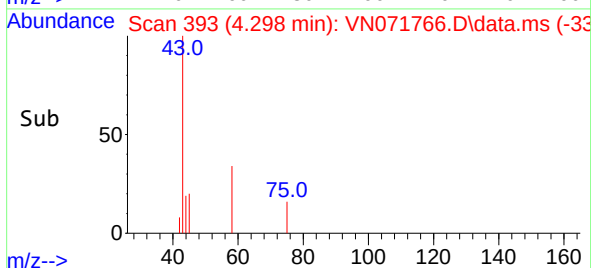
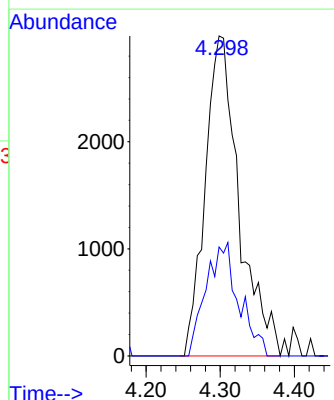
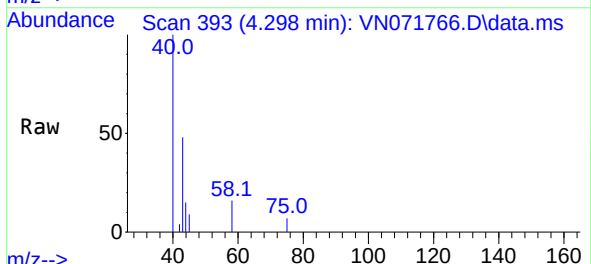
Instrument :
MSVOA_N
ClientSampleId :
MW-63

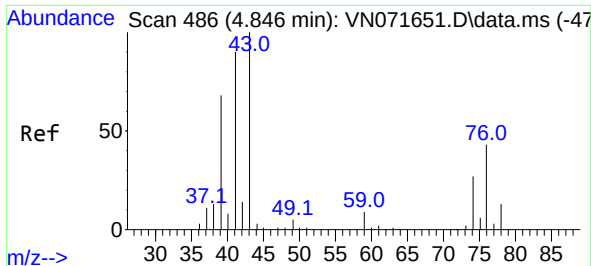
Tgt Ion: 59 Resp: 633
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 3.096 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

Tgt Ion: 43 Resp: 9501
Ion Ratio Lower Upper
43 100
58 34.0 26.0 39.0

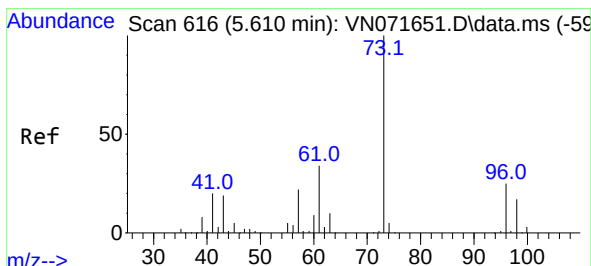
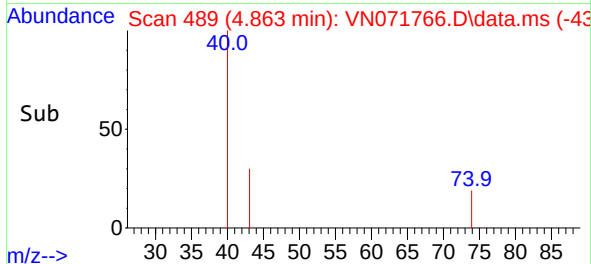
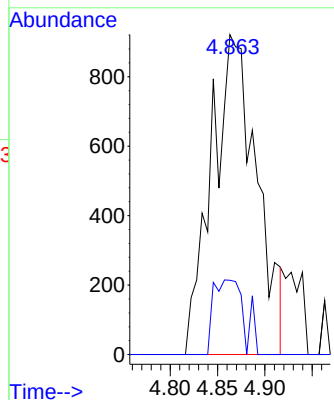
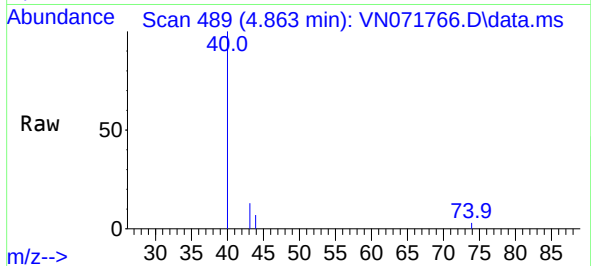




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

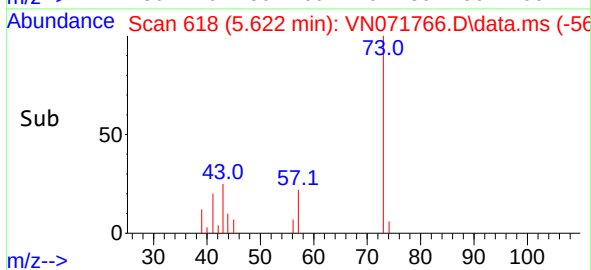
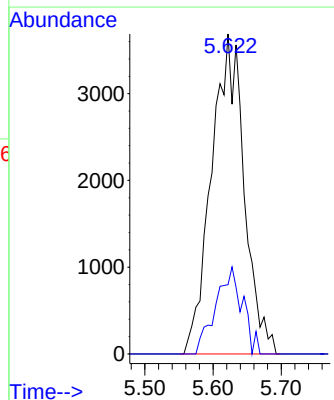
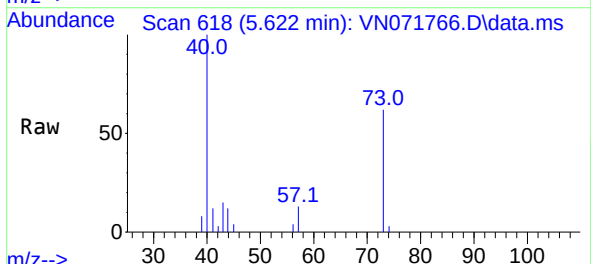
Instrument :
MSVOA_N
ClientSampleId :
MW-63

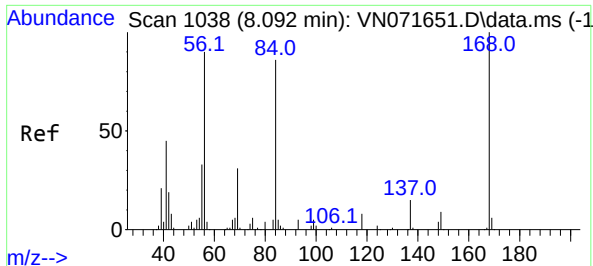
Tgt Ion: 43 Resp: 3053
Ion Ratio Lower Upper
43 100
74 15.8 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 0.638 ug/l
RT: 5.622 min Scan# 618
Delta R.T. 0.012 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

Tgt Ion: 73 Resp: 12299
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

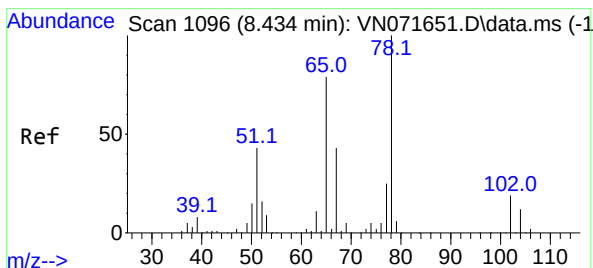
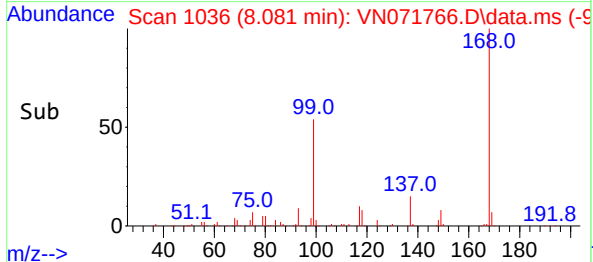
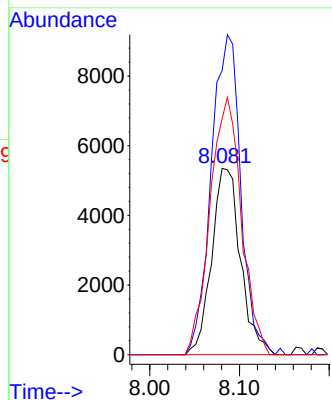
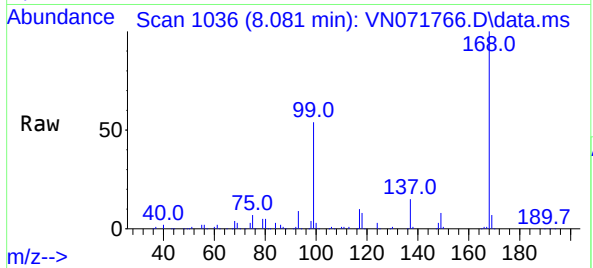




#31
Cyclohexane
Concen: 1.222 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

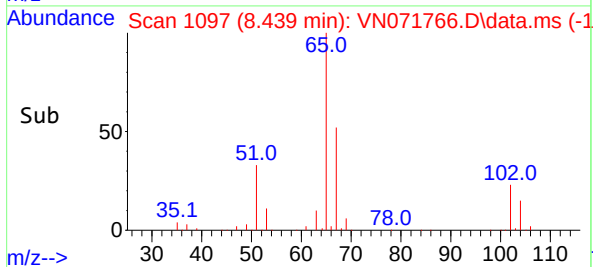
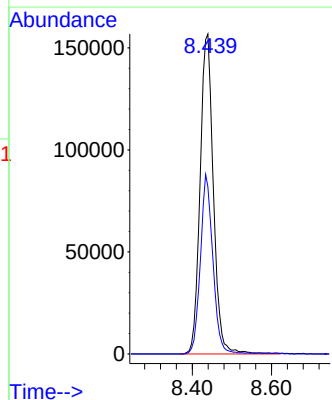
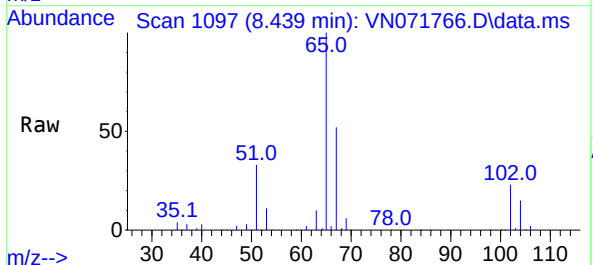
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ClientSampleId :
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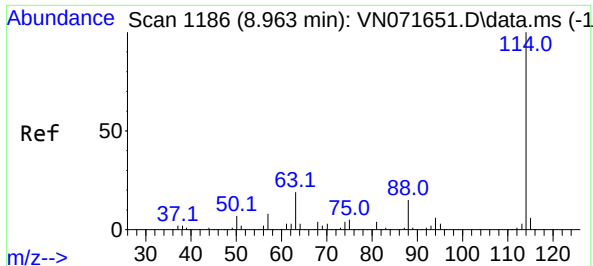
Tgt Ion: 56 Resp: 11932
Ion Ratio Lower Upper
56 100
69 152.4 27.8 41.8#
84 126.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.768 ug/l
RT: 8.439 min Scan# 1097
Delta R.T. 0.005 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

Tgt Ion: 65 Resp: 364604
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

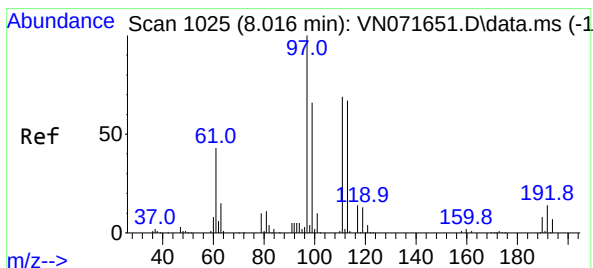
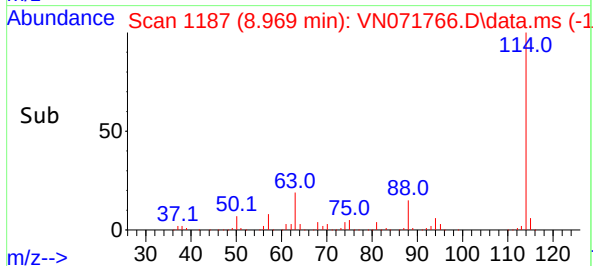
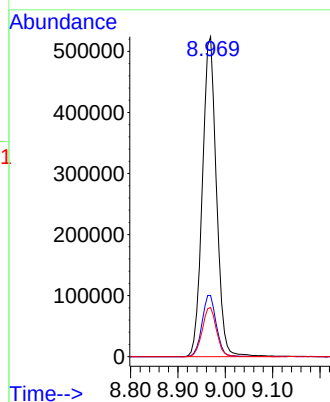
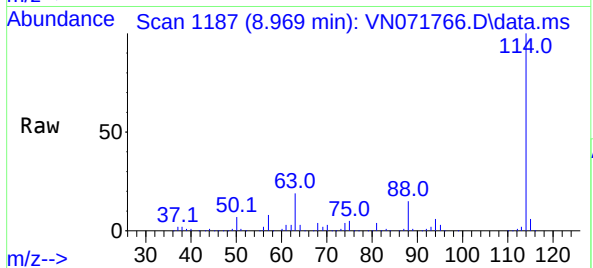




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

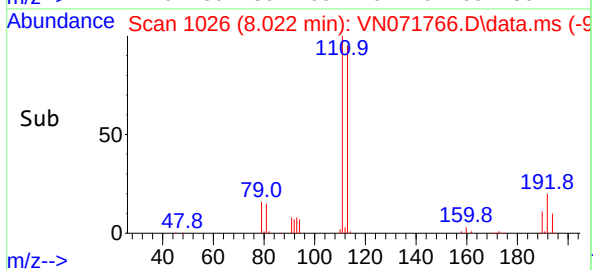
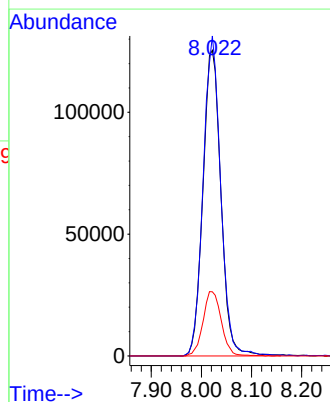
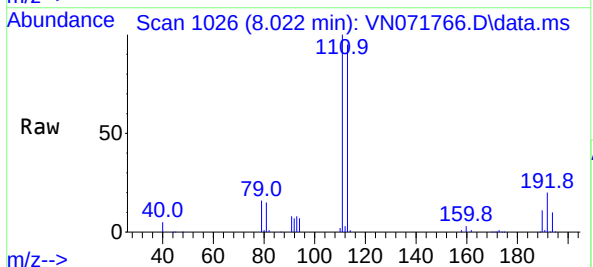
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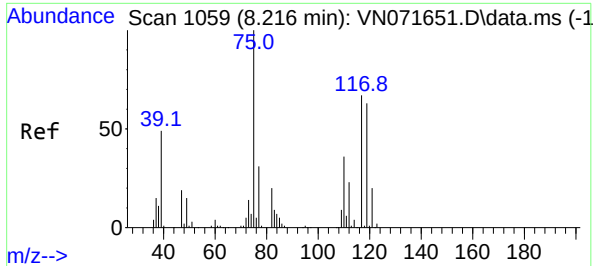
Tgt Ion:114 Resp: 1078467
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.377 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

Tgt Ion:113 Resp: 313357
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 21.5 17.0 25.6

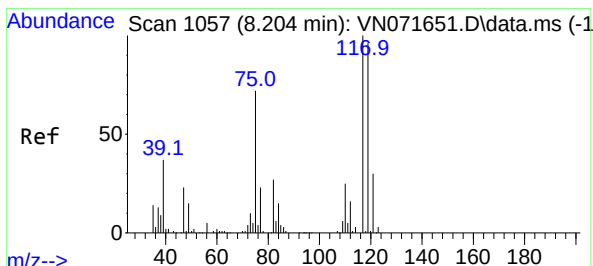
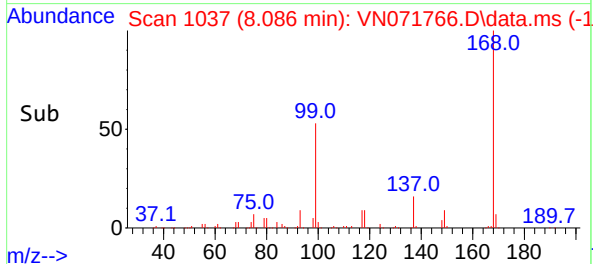
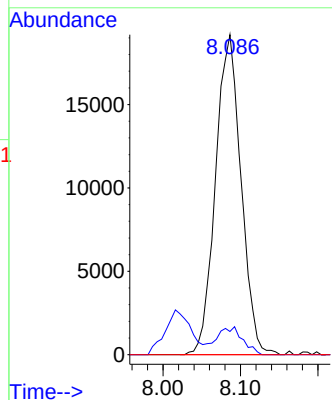
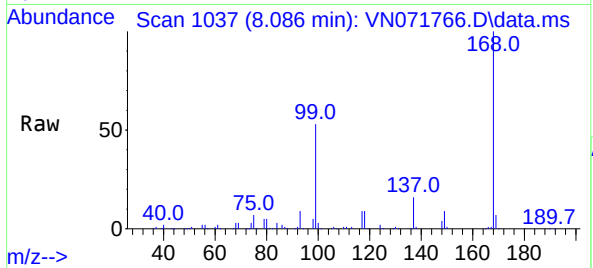




#36
1,1-Dichloropropene
Concen: 4.968 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

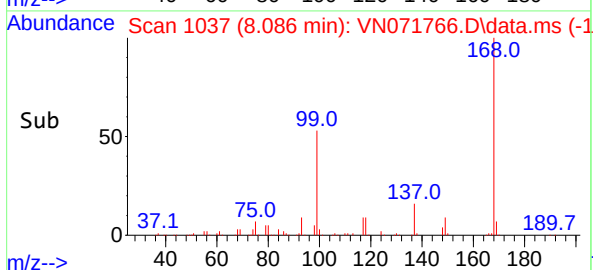
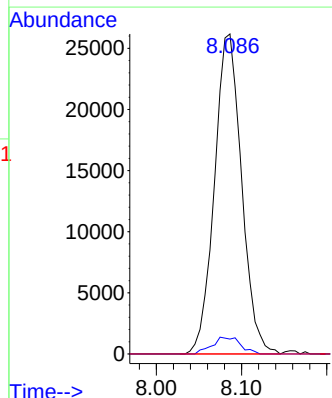
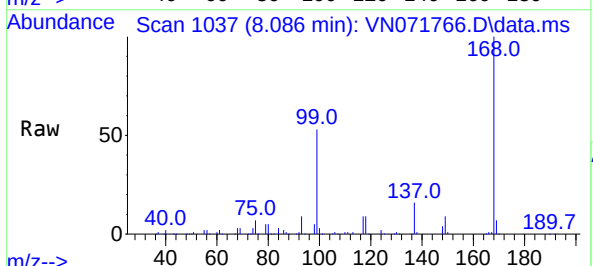
Instrument :
MSVOA_N
ClientSampleId :
MW-63

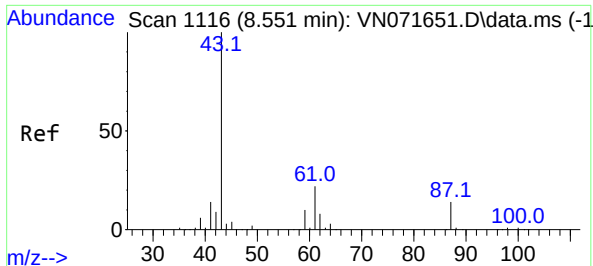
Tgt Ion: 75 Resp: 44024
Ion Ratio Lower Upper
75 100
110 8.6 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.682 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

Tgt Ion: 117 Resp: 58033
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.541 ug/l

RT: 8.622 min Scan# 1116

Delta R.T. 0.071 min

Lab File: VN071766.D

Acq: 01 Apr 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

MW-63

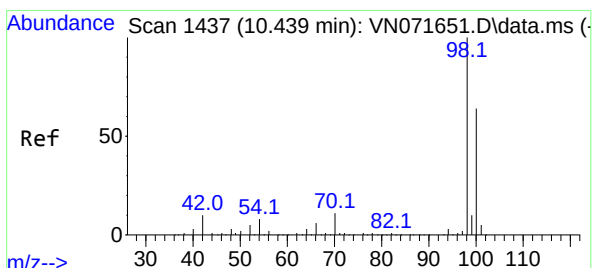
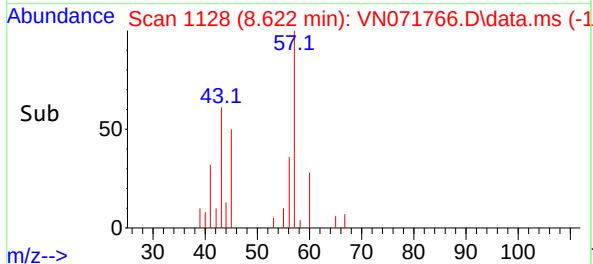
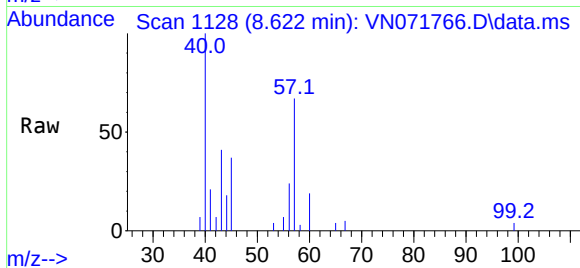
Tgt Ion: 43 Resp: 8722

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 53.247 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071766.D

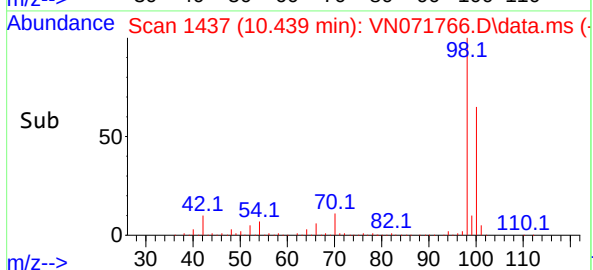
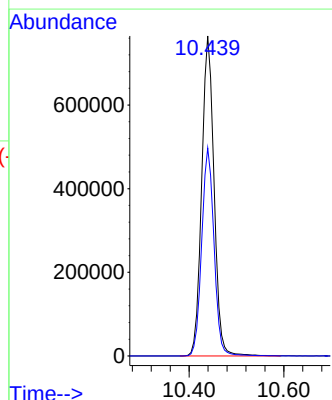
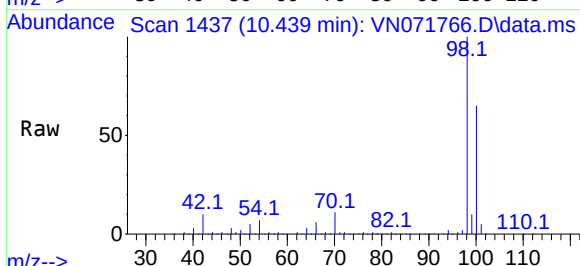
Acq: 01 Apr 2022 20:33

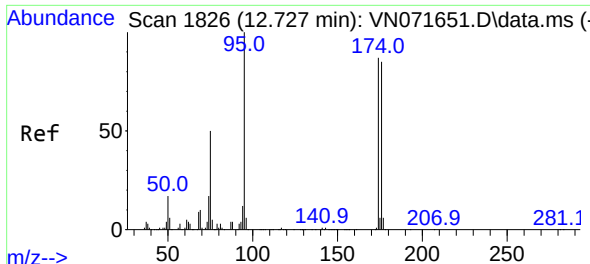
Tgt Ion: 98 Resp: 1382321

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8

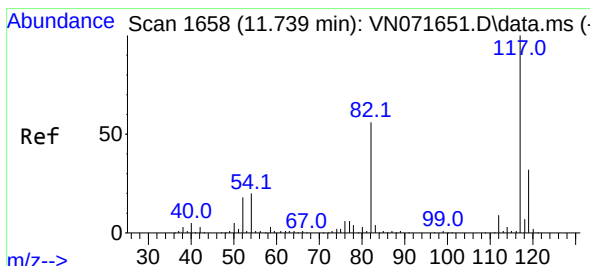
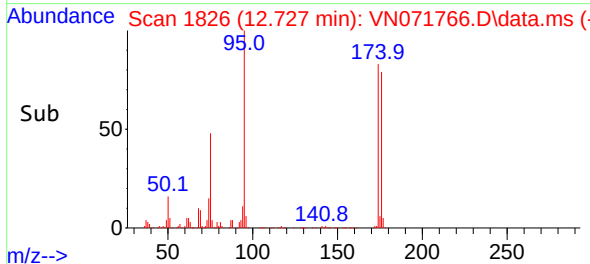
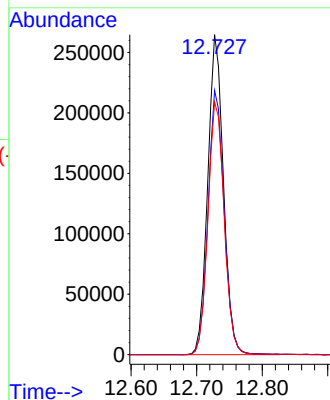
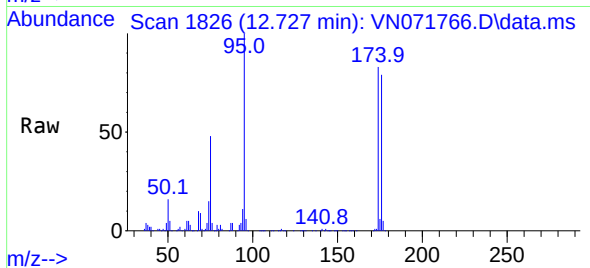




#62
4-Bromofluorobenzene
Concen: 52.565 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

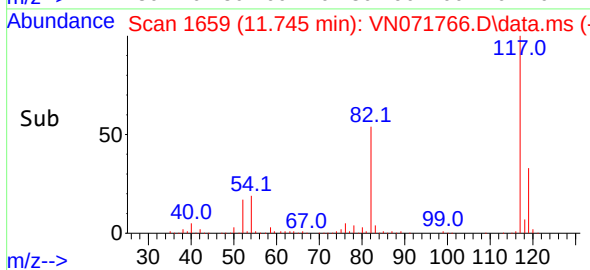
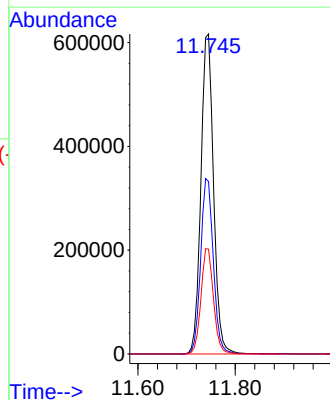
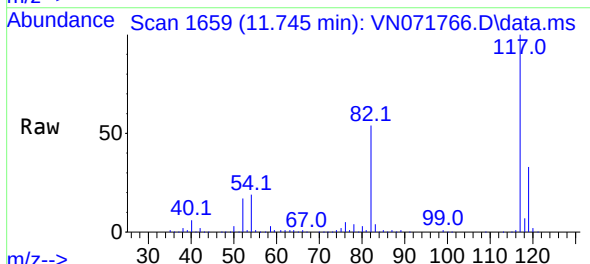
Instrument :
MSVOA_N
ClientSampleId :
MW-63

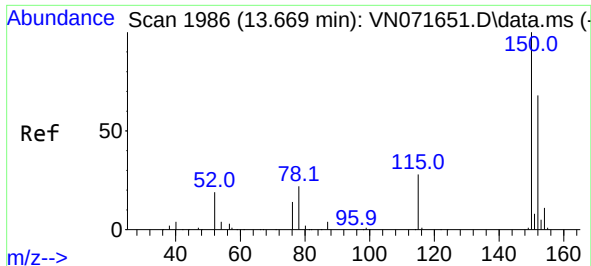
Tgt Ion: 95 Resp: 441342
Ion Ratio Lower Upper
95 100
174 84.7 0.0 167.6
176 81.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

Tgt Ion: 117 Resp: 1113045
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 32.7 25.4 38.0

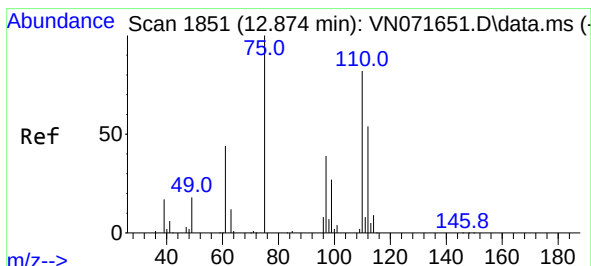
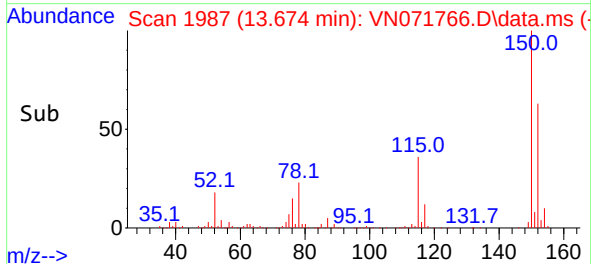
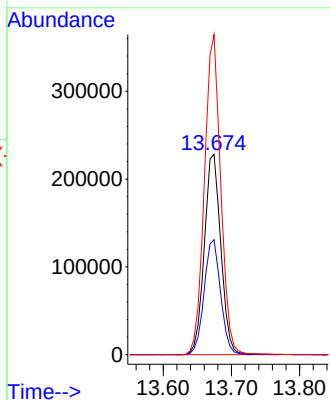
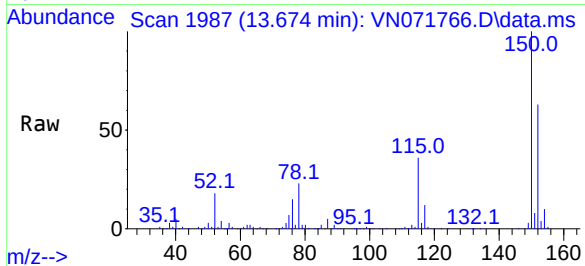




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.005 min
 Lab File: VN071766.D
 Acq: 01 Apr 2022 20:33

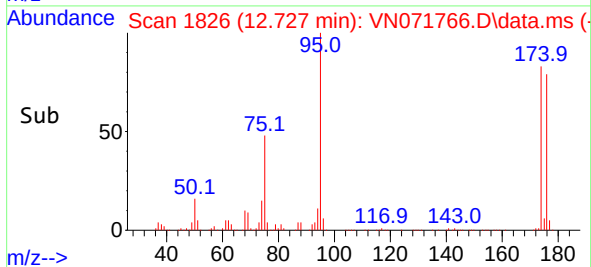
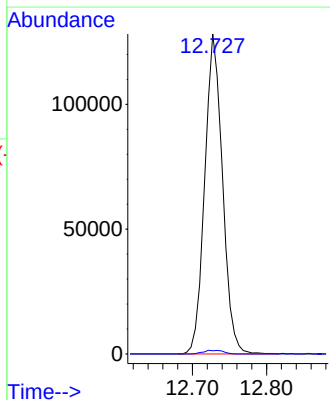
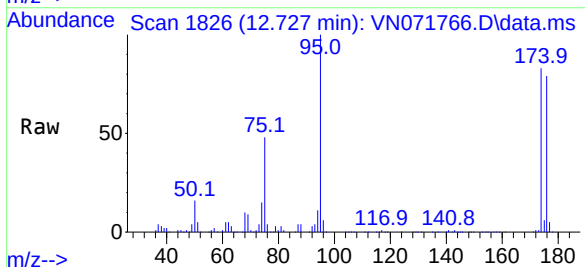
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-63

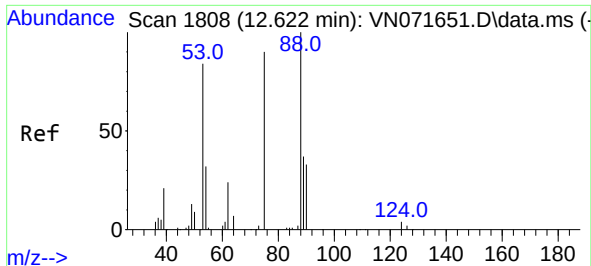
Tgt Ion:152 Resp: 385946
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.9 86.7
 150 157.2 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.869 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071766.D
 Acq: 01 Apr 2022 20:33

Tgt Ion: 75 Resp: 213404
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

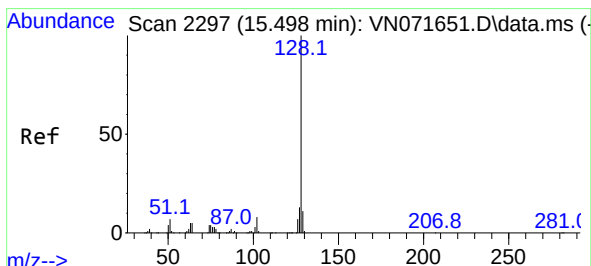
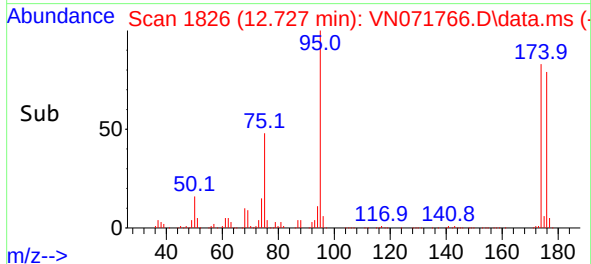
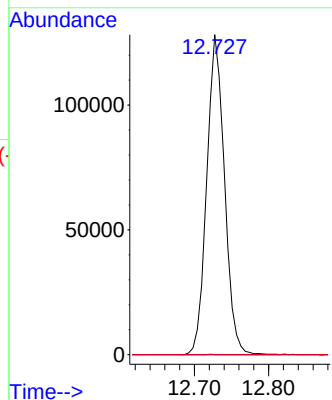
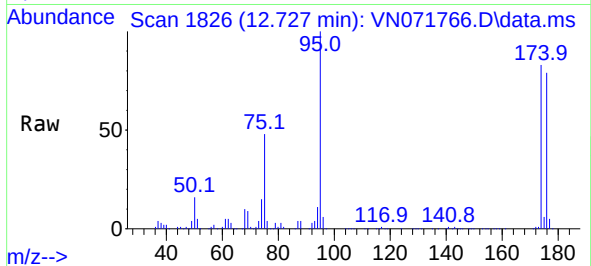




#81
trans-1,4-Dichloro-2-butene
Concen: 73.968 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
MW-63

Tgt Ion: 75 Resp: 213404
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.812 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071766.D
Acq: 01 Apr 2022 20:33

Tgt Ion:128 Resp: 182
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

