

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071806.D
 Acq On : 02 Apr 2022 18:34
 Operator : JC\MD
 Sample : N2244-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 04 01:08:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

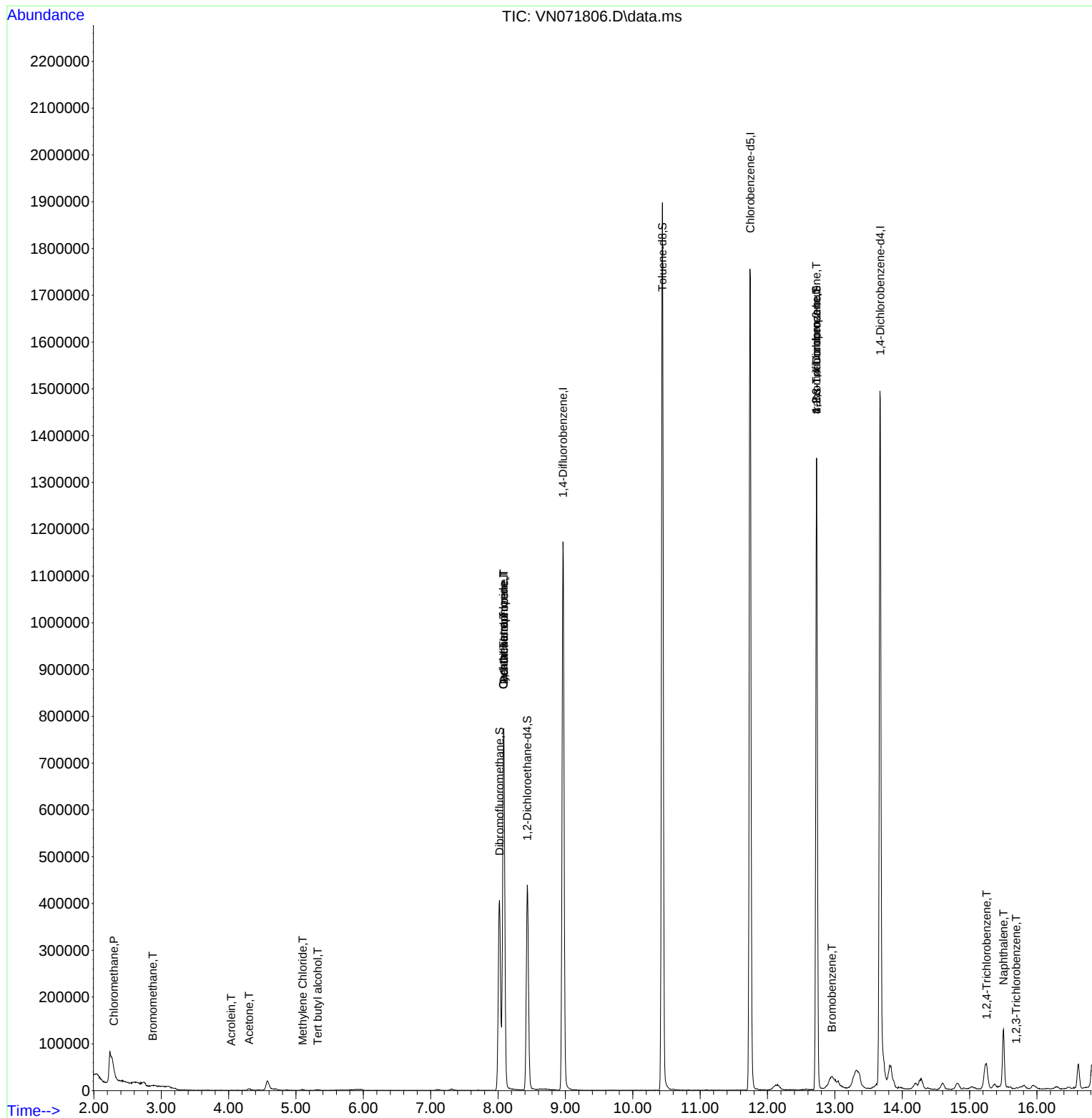
Internal Standards						
1) Pentafluorobenzene	8.087	168	642583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1094780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1118902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	443590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	363191	49.509	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.020%		
35) Dibromofluoromethane	8.022	113	307772	47.775	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.540%		
50) Toluene-d8	10.439	98	1390155	52.751	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.500%		
62) 4-Bromofluorobenzene	12.728	95	475396	55.777	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.560%		
Target Compounds						Qvalue
3) Chloromethane	2.299	50	2117	0.327	ug/l #	74
5) Bromomethane	2.875	94	1226	0.265	ug/l	86
11) Tert butyl alcohol	5.322	59	883	0.742	ug/l #	72
13) Acrolein	4.040	56	345	0.238	ug/l #	35
16) Acetone	4.305	43	4608	1.470	ug/l	93
18) Methyl Acetate	4.863	43	2275	Below Cal	#	86
20) Methylene Chloride	5.099	84	1323	0.200	ug/l #	67
31) Cyclohexane	8.081	56	11291	1.132	ug/l #	7
36) 1,1-Dichloropropene	8.087	75	44024	4.894	ug/l #	49
38) Carbon Tetrachloride	8.081	117	59970	6.802	ug/l #	16
76) 1,2,3-Trichloropropane	12.728	75	233732	22.745	ug/l #	1
77) Bromobenzene	12.957	156	24467	2.611	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	233732	70.487	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.251	180	809	2.196	ug/l	82
95) Naphthalene	15.504	128	126617	9.594	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	772	2.522	ug/l #	66

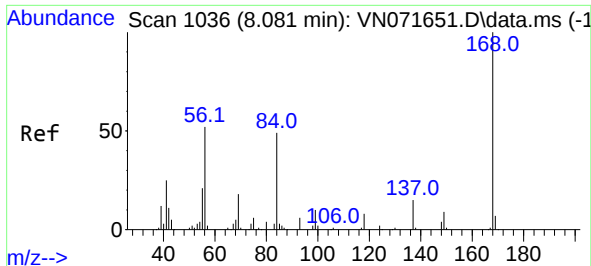
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 04 01:08:50 2022
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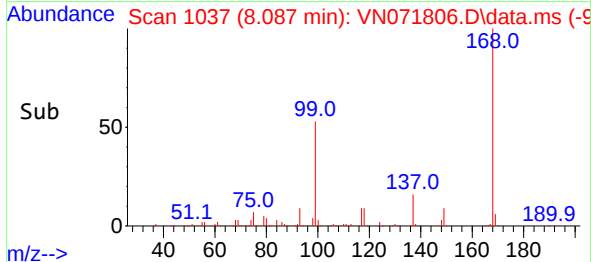
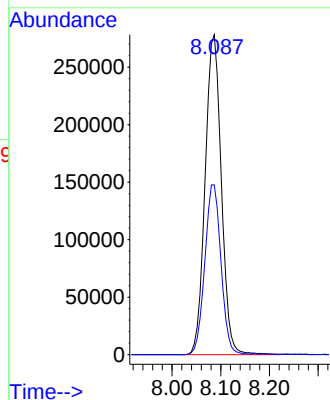
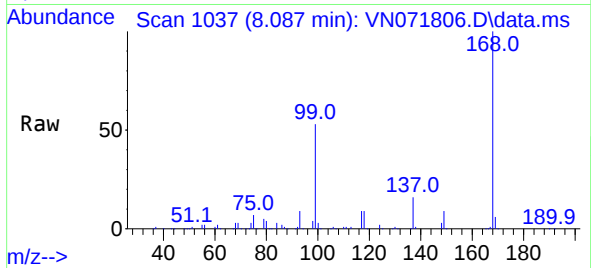




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

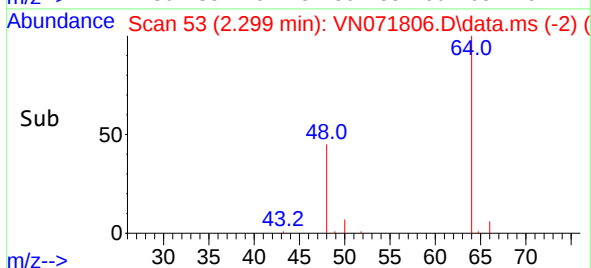
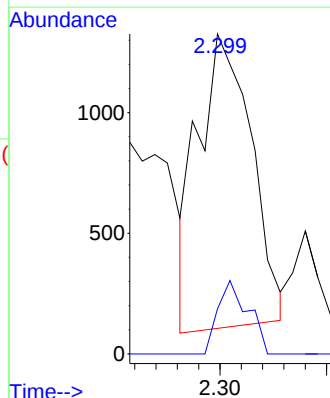
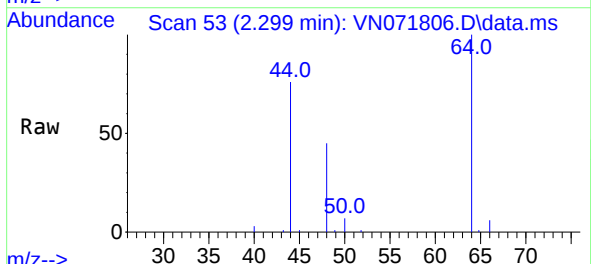
Instrument :
MSVOA_N
ClientSampleId :
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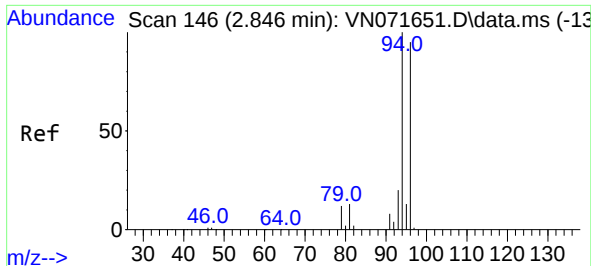
Tgt Ion:168 Resp: 642583
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#3
Chloromethane
Concen: 0.327 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

Tgt Ion: 50 Resp: 2117
Ion Ratio Lower Upper
50 100
52 17.5 25.7 38.5#

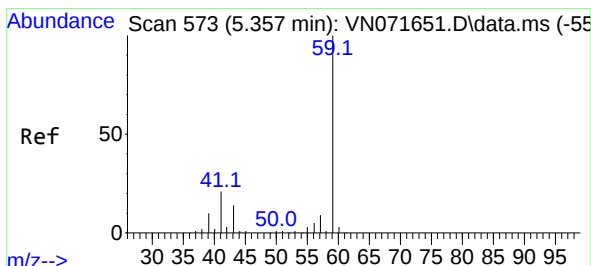
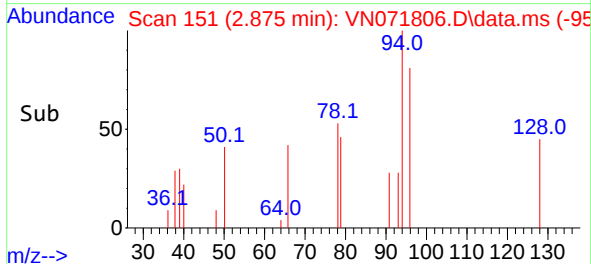
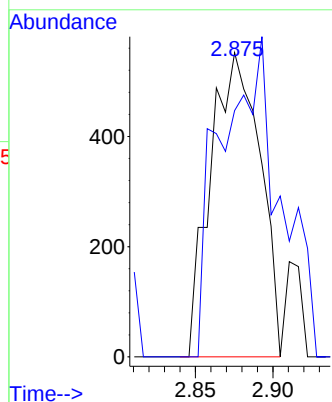
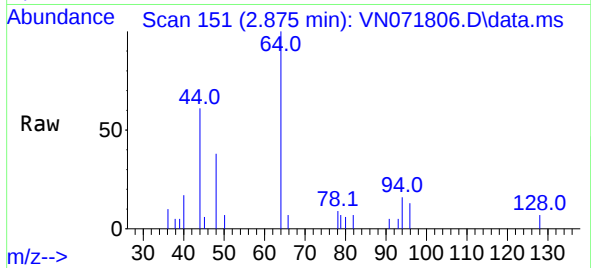




#5
Bromomethane
Concen: 0.265 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

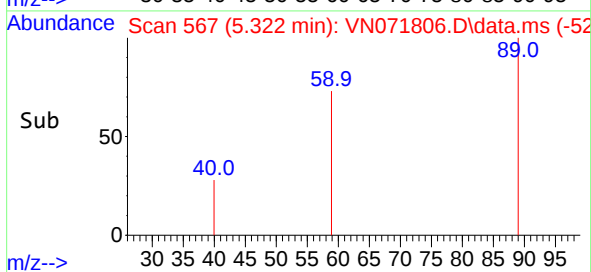
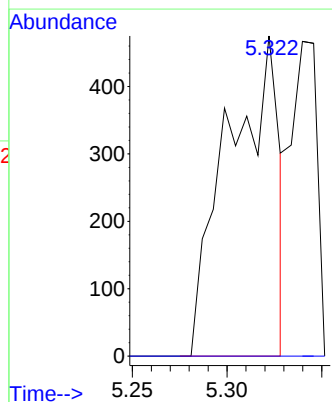
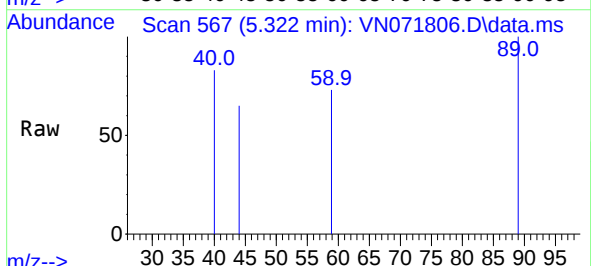
Instrument :
MSVOA_N
ClientSampleId :
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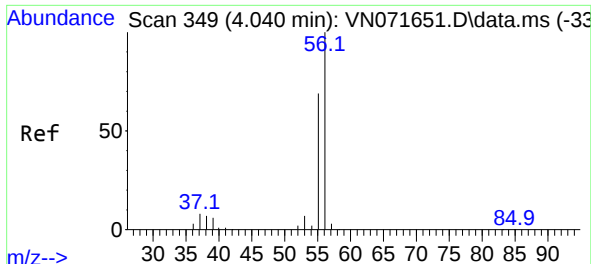
Tgt Ion: 94 Resp: 1226
Ion Ratio Lower Upper
94 100
96 81.0 76.0 114.0



#11
Tert butyl alcohol
Concen: 0.742 ug/l
RT: 5.322 min Scan# 567
Delta R.T. -0.035 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

Tgt Ion: 59 Resp: 883
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

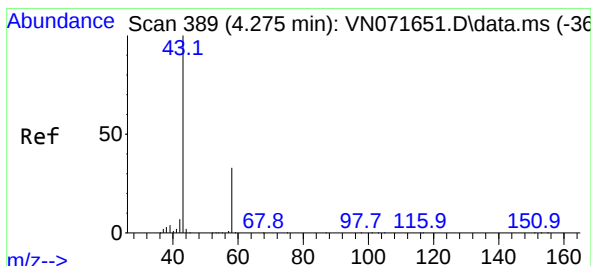
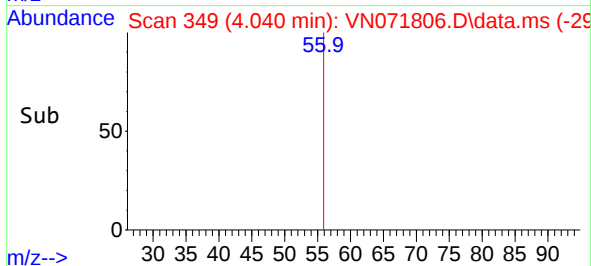
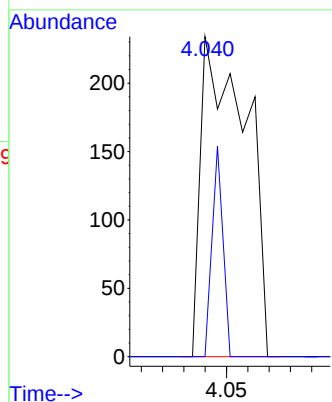
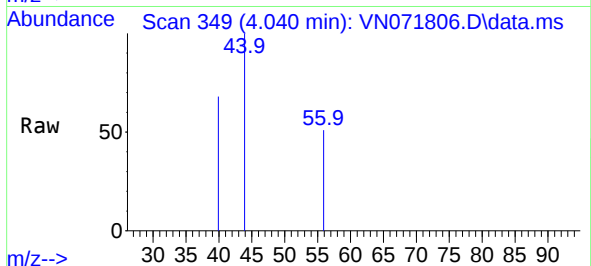




#13
Acrolein
Concen: 0.238 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

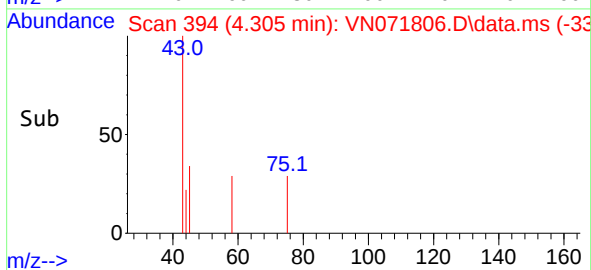
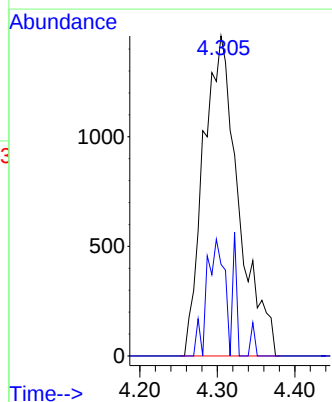
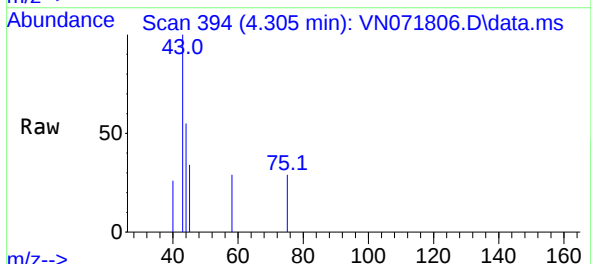
Instrument :
MSVOA_N
ClientSampleId :
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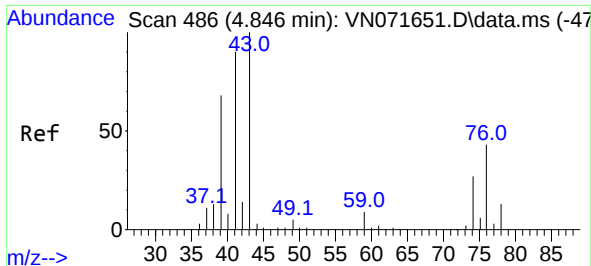
Tgt Ion: 56 Resp: 345
Ion Ratio Lower Upper
56 100
55 15.7 54.8 82.2#



#16
Acetone
Concen: 1.470 ug/l
RT: 4.305 min Scan# 394
Delta R.T. 0.030 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

Tgt Ion: 43 Resp: 4608
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0

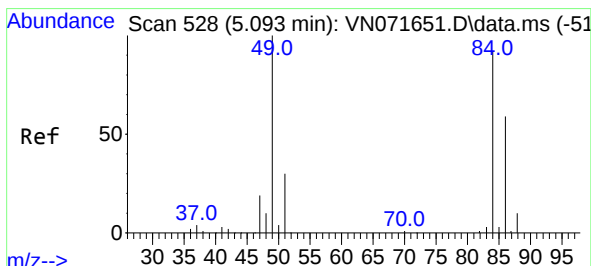
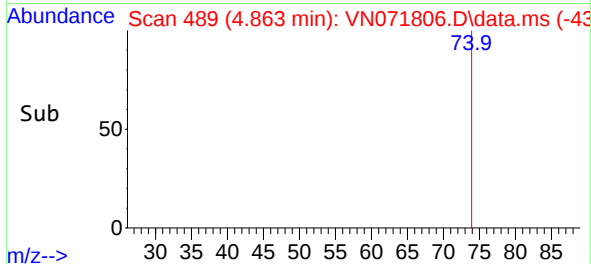
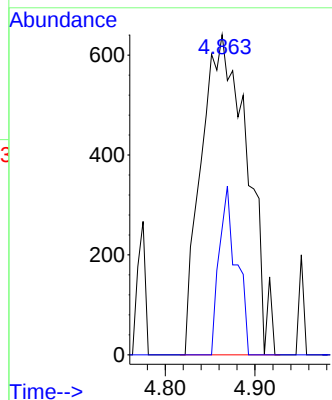
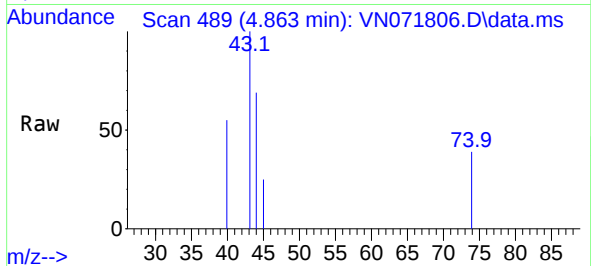




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

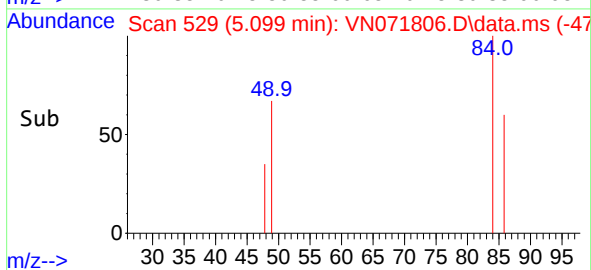
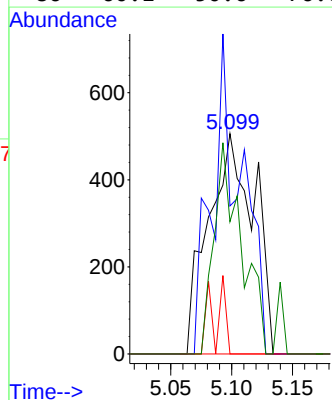
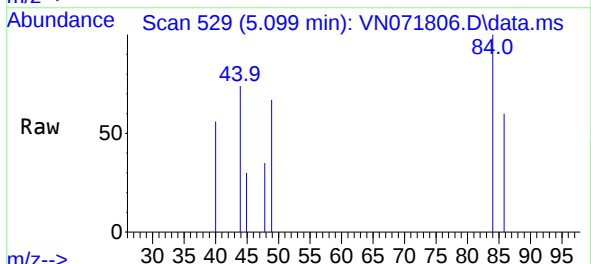
Instrument :
MSVOA_N
ClientSampleId :
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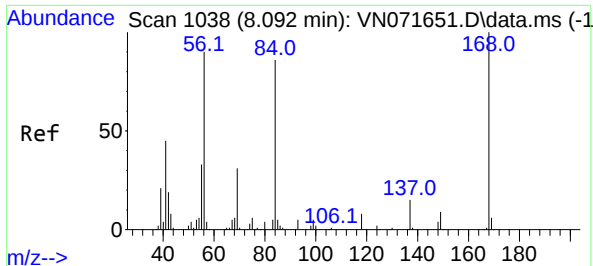
Tgt Ion: 43 Resp: 2275
Ion Ratio Lower Upper
43 100
74 19.9 21.6 32.4#



#20
Methylene Chloride
Concen: 0.200 ug/l
RT: 5.099 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

Tgt Ion: 84 Resp: 1323
Ion Ratio Lower Upper
84 100
49 67.2 88.3 132.5#
51 0.0 28.2 42.2#
86 60.1 50.6 76.0





#31

Cyclohexane

Concen: 1.132 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN071806.D

Acq: 02 Apr 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

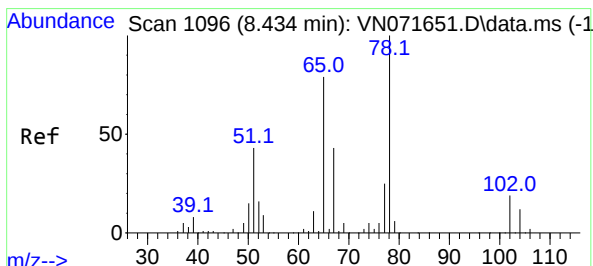
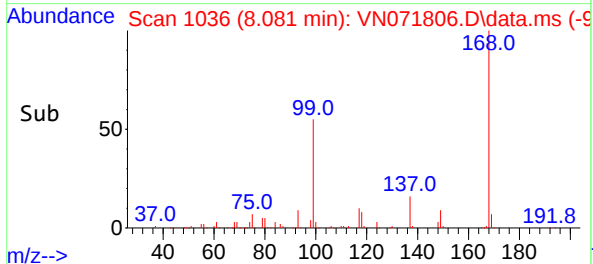
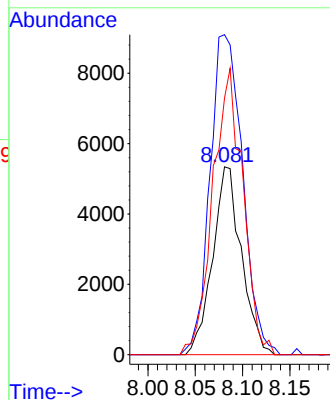
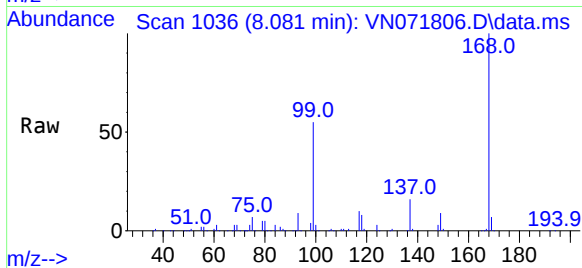
Tgt Ion: 56 Resp: 11291

Ion Ratio Lower Upper

56 100

69 170.3 27.8 41.8#

84 136.5 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 49.509 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071806.D

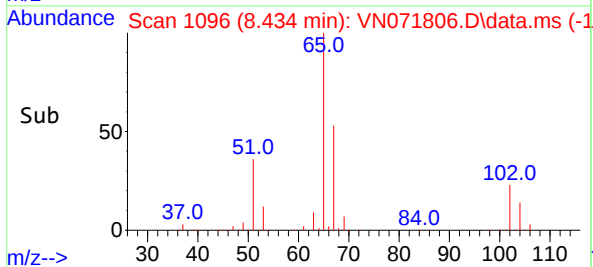
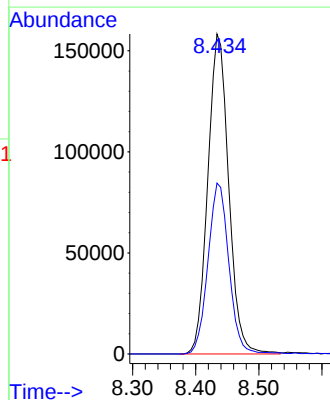
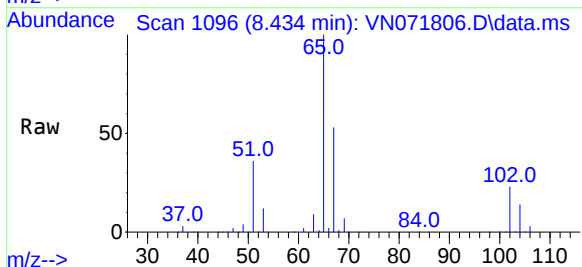
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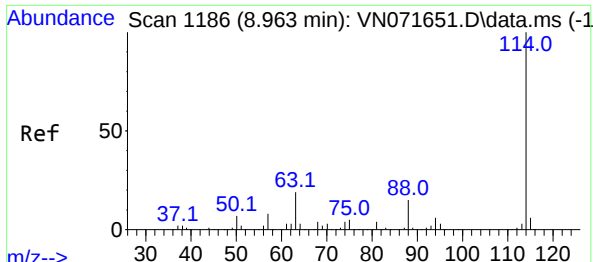
Tgt Ion: 65 Resp: 363191

Ion Ratio Lower Upper

65 100

67 53.6 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: VN071806.D

Acq: 02 Apr 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

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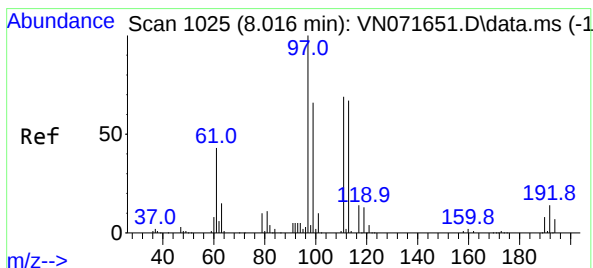
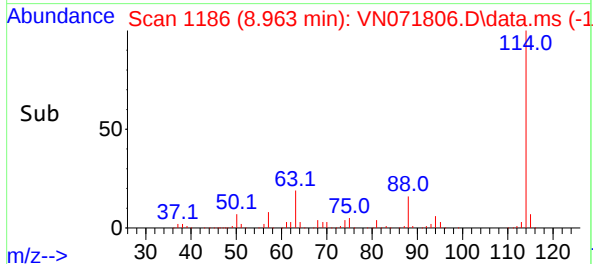
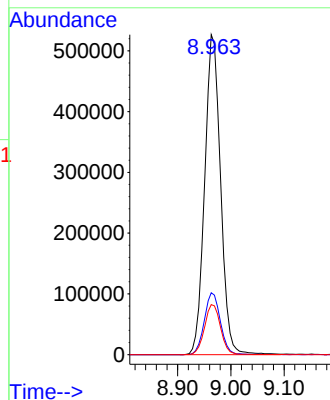
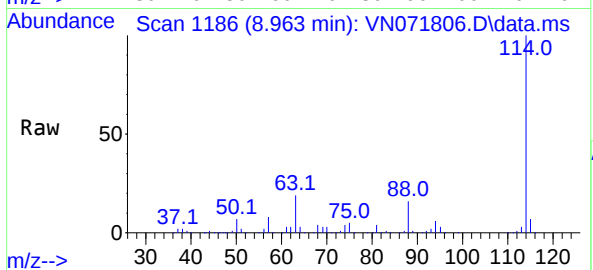
Tgt Ion:114 Resp: 1094780

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.775 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071806.D

Acq: 02 Apr 2022 18:34

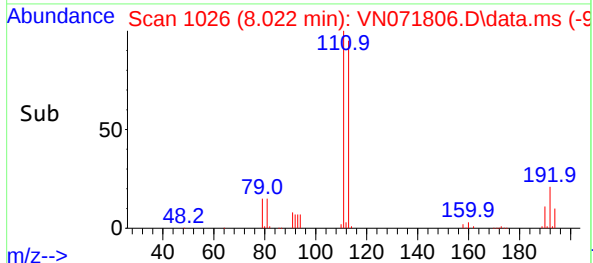
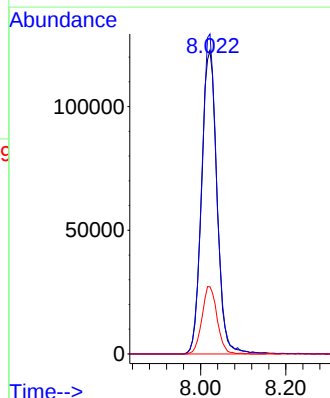
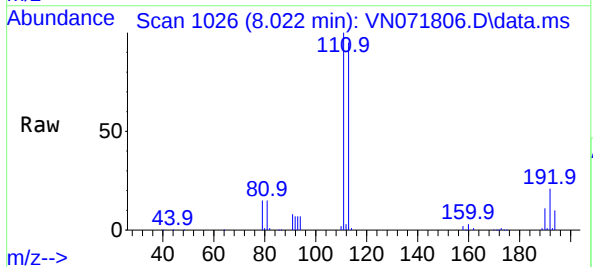
Tgt Ion:113 Resp: 307772

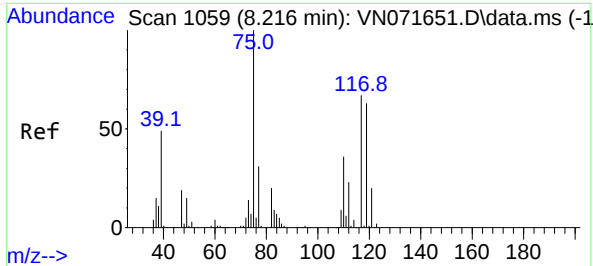
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 21.8 17.0 25.6

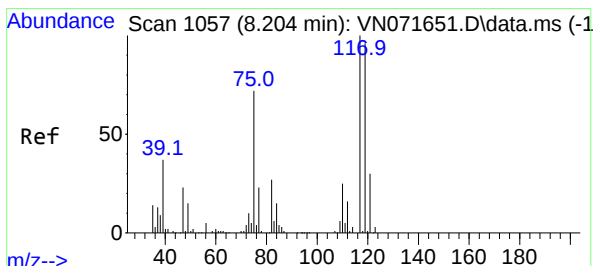
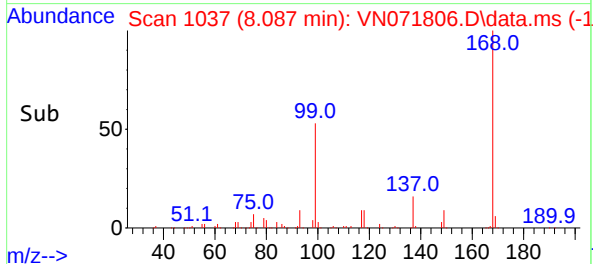
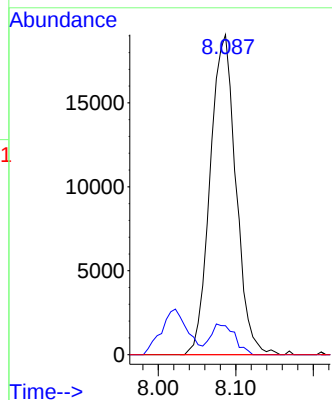
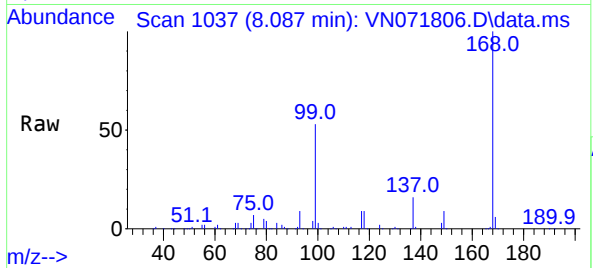




#36
1,1-Dichloropropene
Concen: 4.894 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

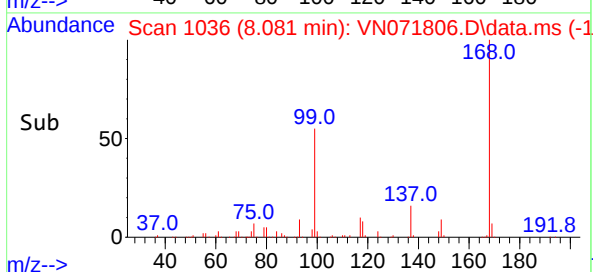
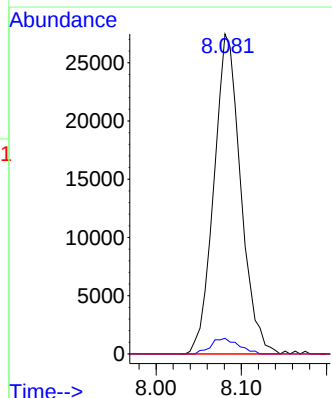
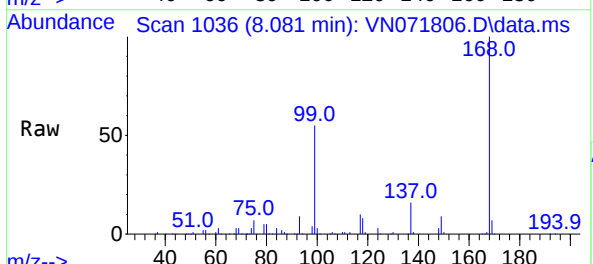
Instrument :
MSVOA_N
ClientSampleId :
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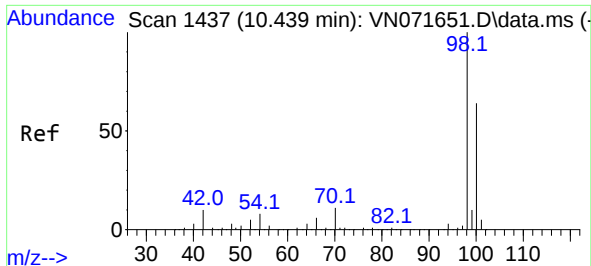
Tgt Ion: 75 Resp: 44024
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.802 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

Tgt Ion: 117 Resp: 59970
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#

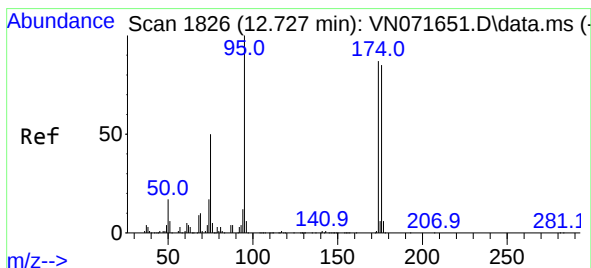
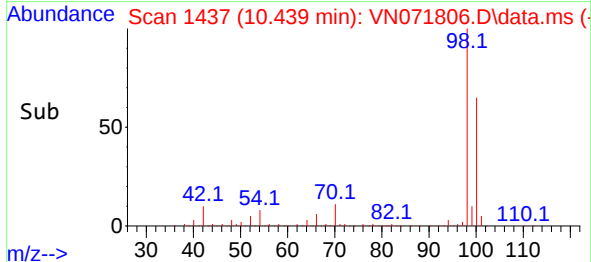
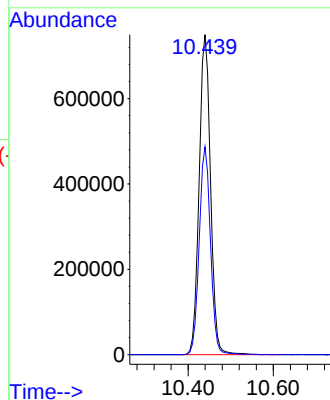
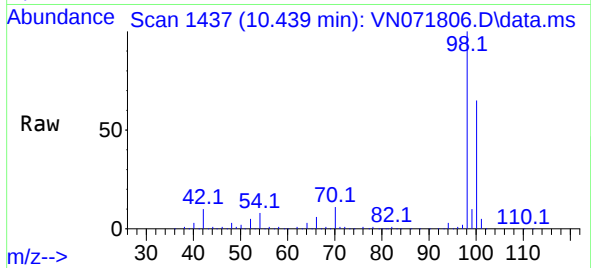




#50
Toluene-d8
Concen: 52.751 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

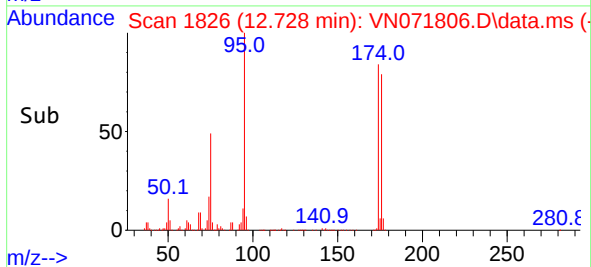
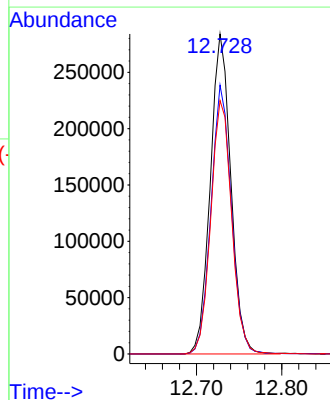
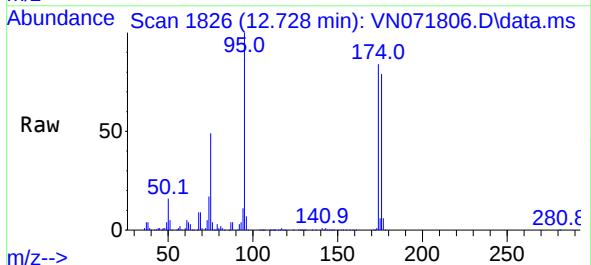
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

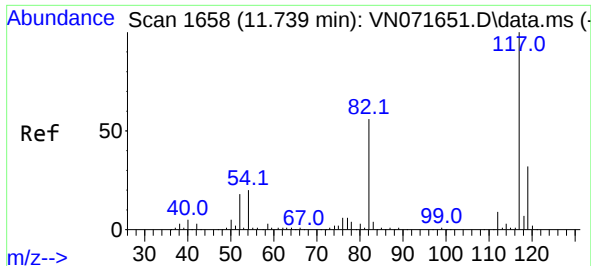
Tgt Ion: 98 Resp: 1390155
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.777 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. 0.001 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

Tgt Ion: 95 Resp: 475396
Ion Ratio Lower Upper
95 100
174 83.7 0.0 167.6
176 80.5 0.0 163.4



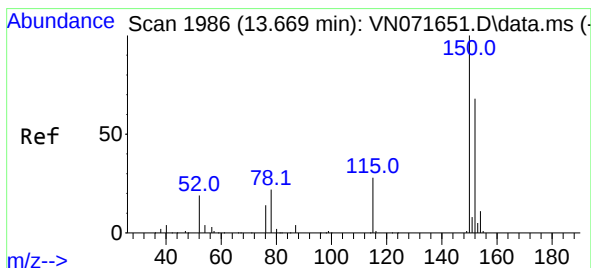
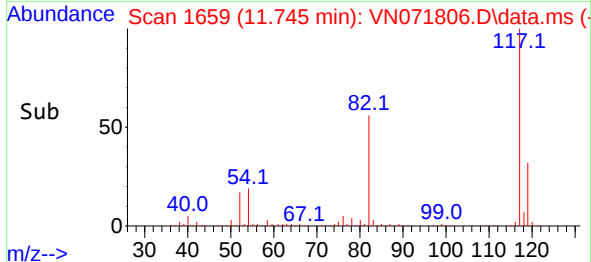
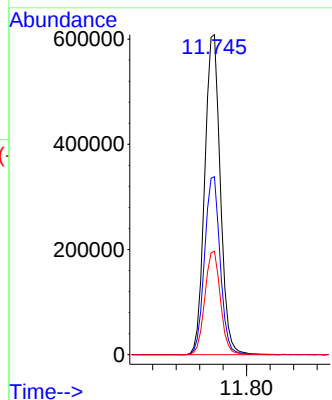
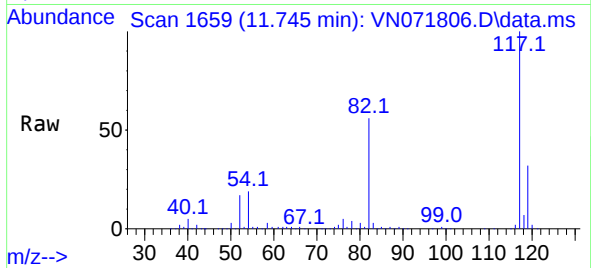


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1118902
Delta R.T. 0.006 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 1118902

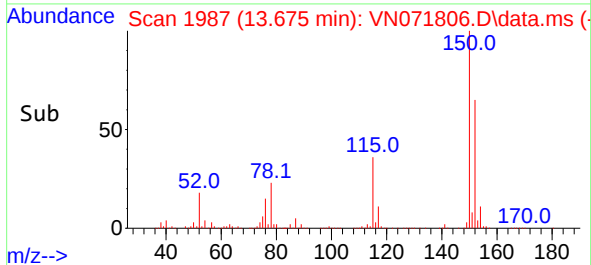
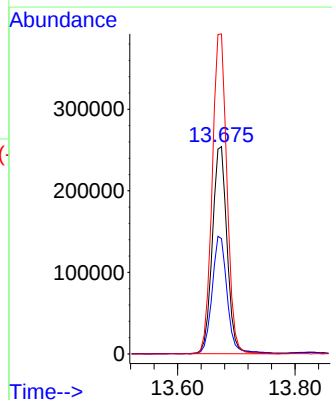
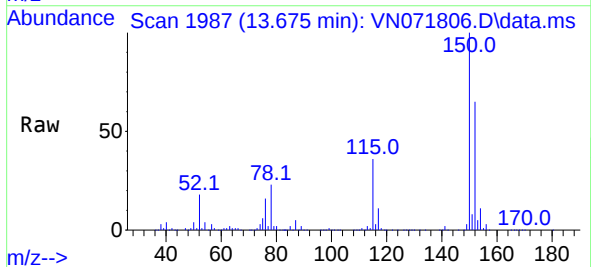
Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.2	66.2
119	32.4	25.4	38.0

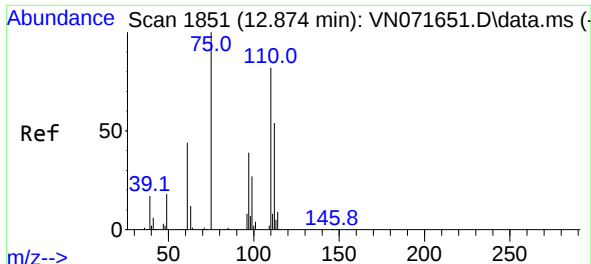


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

Tgt Ion:152 Resp: 443590

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.9	86.7
150	154.0	0.0	356.2

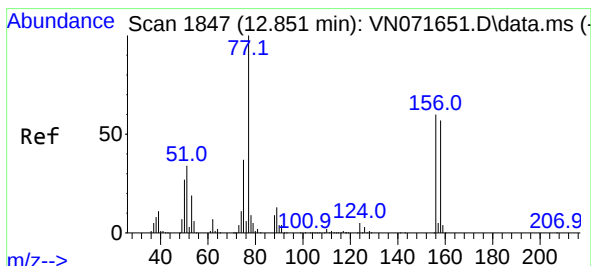
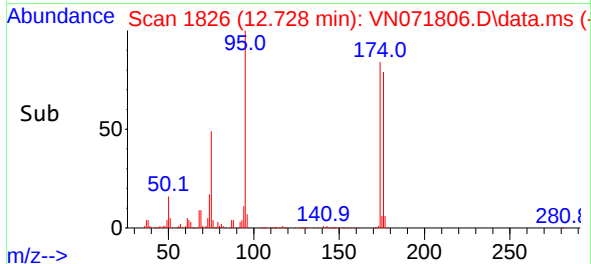
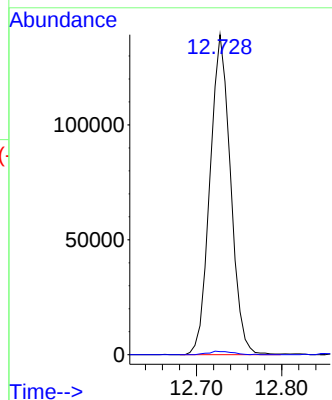
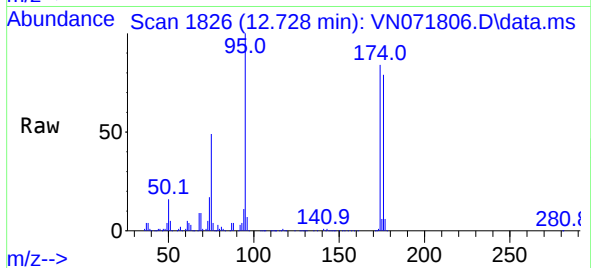




#76
1,2,3-Trichloropropane
Concen: 22.745 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. -0.146 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

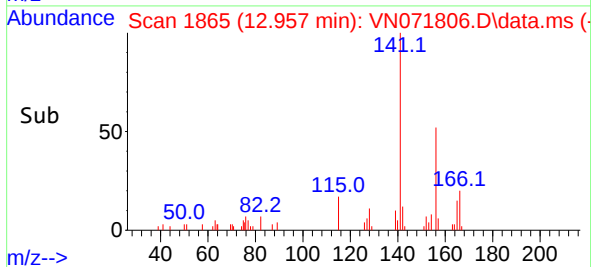
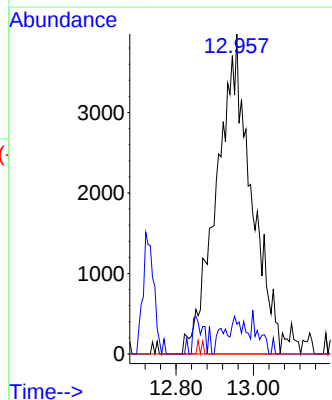
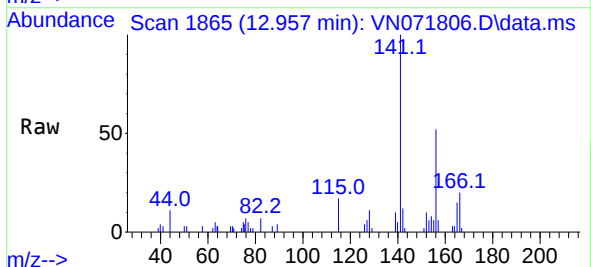
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

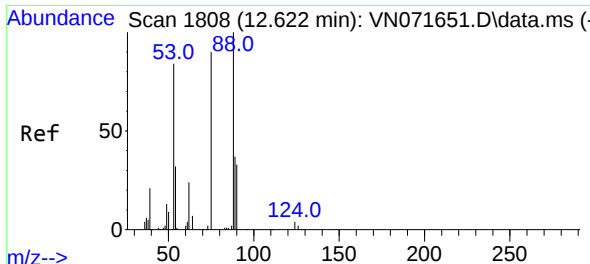
Tgt Ion: 75 Resp: 233732
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#77
Bromobenzene
Concen: 2.611 ug/l
RT: 12.957 min Scan# 1865
Delta R.T. 0.106 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

Tgt Ion: 156 Resp: 24467
Ion Ratio Lower Upper
156 100
77 4.3 100.5 301.5#
158 0.0 48.9 146.6#

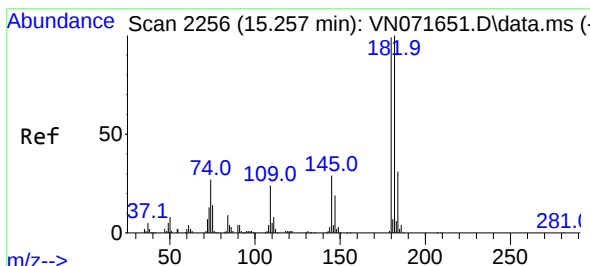
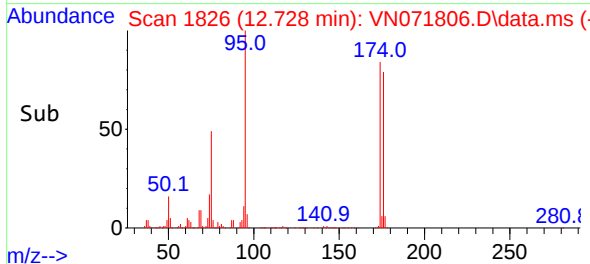
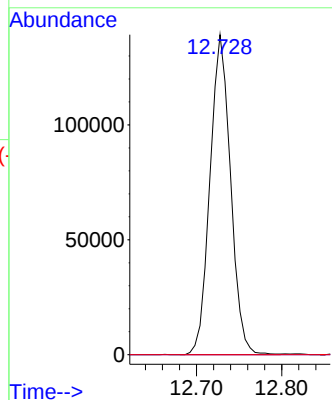
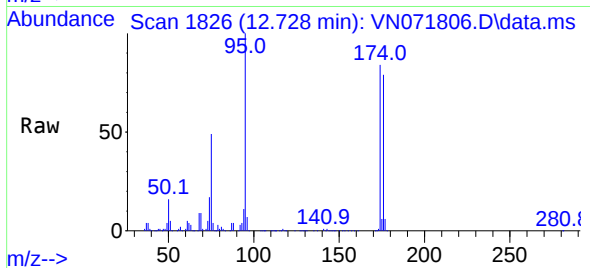




#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.487 ug/l
 RT: 12.728 min Scan# 1806
 Delta R.T. 0.106 min
 Lab File: VN071806.D
 Acq: 02 Apr 2022 18:34

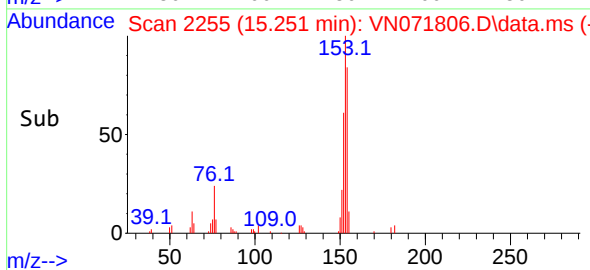
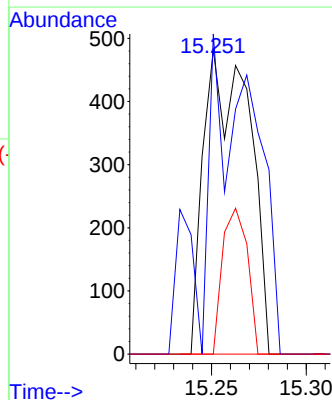
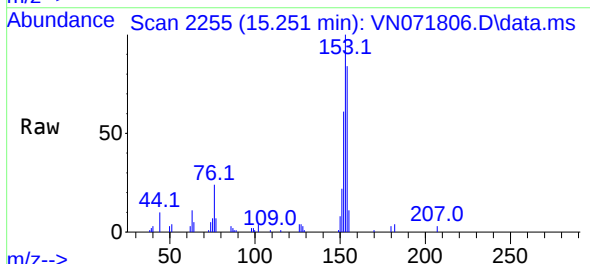
Instrument :
 MSVOA_N
 ClientSampleId :
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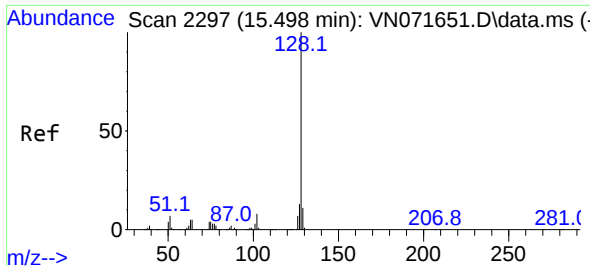
Tgt Ion: 75 Resp: 233732
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.196 ug/l
 RT: 15.251 min Scan# 2255
 Delta R.T. -0.006 min
 Lab File: VN071806.D
 Acq: 02 Apr 2022 18:34

Tgt Ion:180 Resp: 809
 Ion Ratio Lower Upper
 180 100
 182 115.8 47.5 142.5
 145 26.1 14.5 43.5

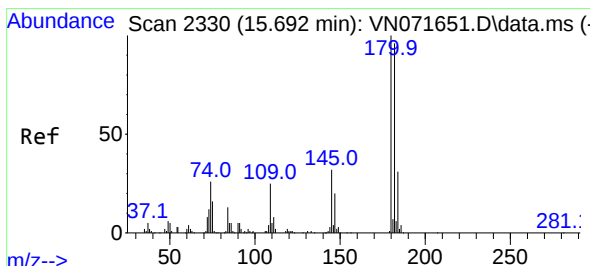
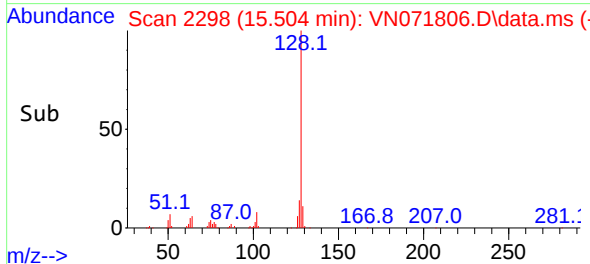
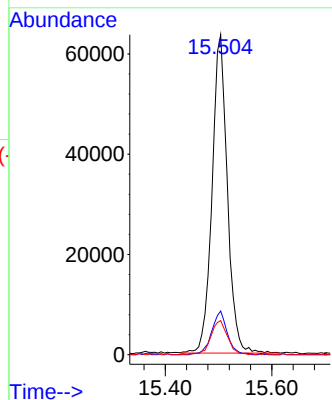
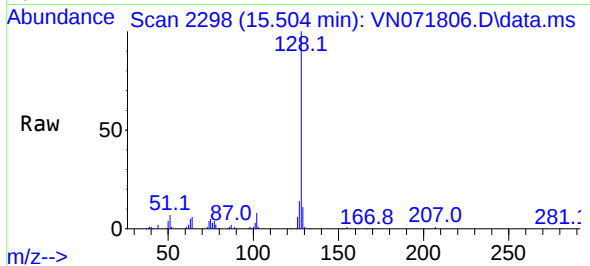




#95
Naphthalene
Concen: 9.594 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:128 Resp: 126617
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 11.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.522 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN071806.D
Acq: 02 Apr 2022 18:34

Tgt Ion:180 Resp: 772
Ion Ratio Lower Upper
180 100
182 126.9 47.8 143.3
145 9.1 15.5 46.5#

