

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071611.D
 Acq On : 28 Mar 2022 17:58
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 29 09:50:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	679726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1134580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1116014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	411126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	386131	47.378	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.760%
35) Dibromofluoromethane	8.016	113	321327	46.114	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.220%
50) Toluene-d8	10.439	98	1411963	49.125	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.727	95	458340	48.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.760%

Target Compounds			Qvalue			
3) Chloromethane	2.305	50	3246	0.414	ug/l #	87
5) Bromomethane	2.881	94	6630	1.296	ug/l	93
6) Chloroethane	2.975	64	500	Below Cal	#	42
10) Methyl Iodide	4.446	142	6545	0.704	ug/l #	93
12) 1,1-Dichloroethene	4.187	96	1397	0.229	ug/l #	72
13) Acrolein	4.052	56	2758	2.297	ug/l	98
15) Acrylonitrile	5.557	53	6946	1.728	ug/l	98
16) Acetone	4.287	43	6066	1.805	ug/l #	87
17) Carbon Disulfide	4.534	76	14178	0.933	ug/l #	93
21) trans-1,2-Dichloroethene	5.598	96	2492	0.382	ug/l #	92
23) Vinyl Acetate	6.440	43	6271	0.357	ug/l	94
25) 2-Butanone	7.345	43	5708	1.091	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	2028	0.253	ug/l	88
29) Tetrahydrofuran	7.692	42	3402	1.002	ug/l #	61
31) Cyclohexane	8.081	56	14159	1.244	ug/l #	14
36) 1,1-Dichloropropene	8.222	75	2865	0.286	ug/l #	79
37) Ethyl Acetate	7.416	43	2375	0.217	ug/l #	74
38) Carbon Tetrachloride	8.081	117	59605	6.004	ug/l #	17
42) 1,2-Dichloroethane	8.522	62	2662	0.250	ug/l	80
43) Isopropyl Acetate	8.628	43	23133	1.496	ug/l #	53
44) Trichloroethene	9.210	130	3037	0.376	ug/l	86
46) Dibromomethane	9.575	93	1372	0.265	ug/l	92
49) 1,4-Dioxane	9.575	88	915	5.268	ug/l #	73
51) 4-Methyl-2-Pentanone	10.328	43	10127	0.943	ug/l	93
52) Toluene	10.510	92	4363	0.221	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	786	19.998	ug/l #	59
59) 2-Hexanone	11.086	43	23040	2.999	ug/l	96
64) Tetrachloroethene	10.975	164	2249	0.291	ug/l	90
65) Chlorobenzene	11.763	112	7645	0.328	ug/l #	87
67) Ethyl Benzene	11.845	91	10295	0.256	ug/l #	87
68) m/p-Xylenes	11.951	106	8120	0.532	ug/l	98
70) Styrene	12.286	104	8109	0.346	ug/l	87
71) Bromoform	12.451	173	1407	0.214	ug/l #	82
73) Isopropylbenzene	12.580	105	8029	0.223	ug/l	99
74) N-amyl acetate	12.386	43	13970	1.280	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.822	83	4020	0.334	ug/l #	95

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

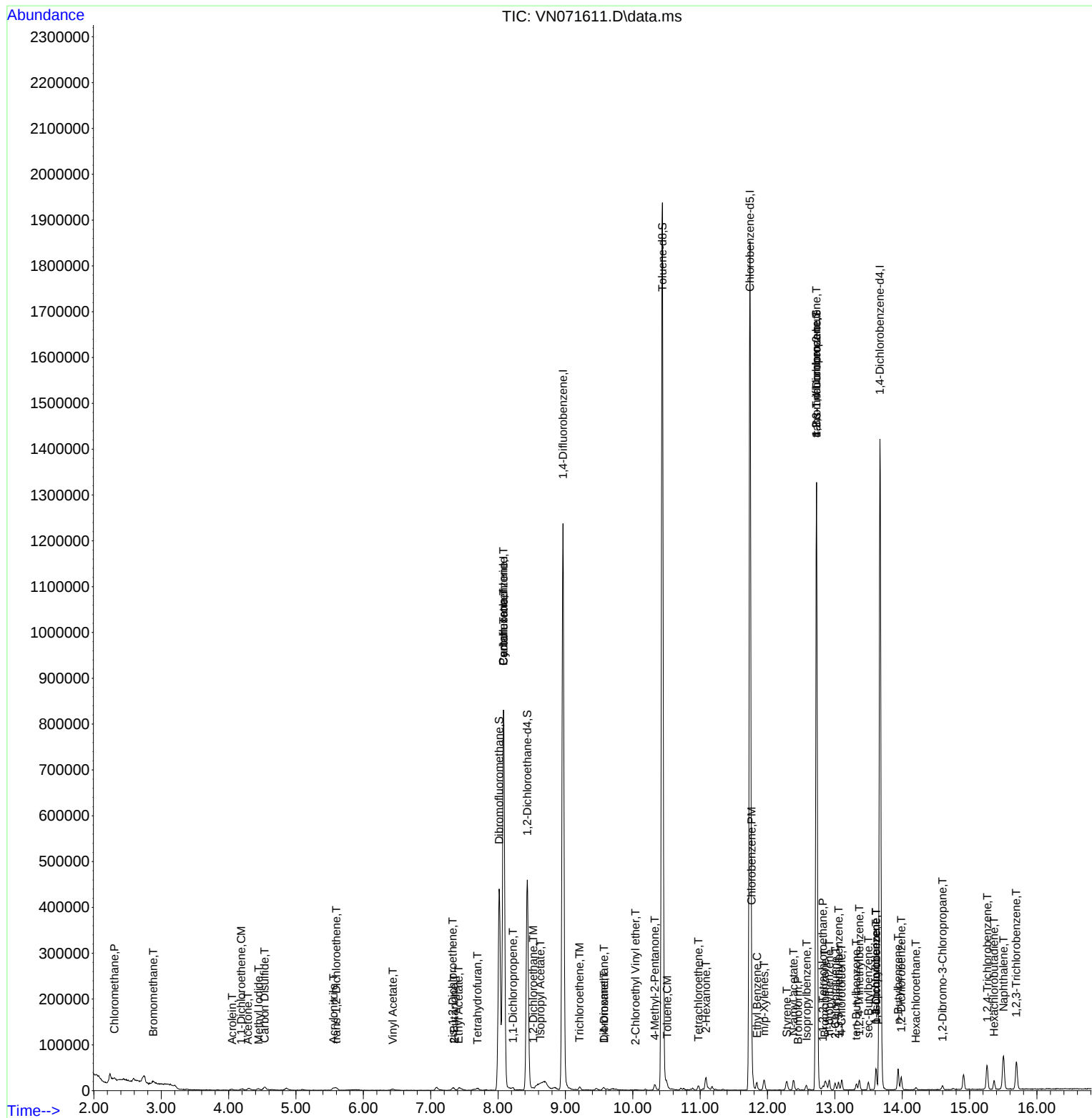
76) 1,2,3-Trichloropropane	12.727	75	229088	23.207	ug/l #	1
77) Bromobenzene	12.851	156	4946	0.547	ug/l	86
78) n-propylbenzene	12.916	91	17621	0.454	ug/l	99
79) 2-Chlorotoluene	13.004	91	9776	0.403	ug/l	92
80) 1,3,5-Trimethylbenzene	13.057	105	8615	0.303	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.727	75	229088	66.984	ug/l #	10
82) 4-Chlorotoluene	13.098	91	14893	0.658	ug/l	96
83) tert-Butylbenzene	13.316	119	7707	0.296	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	12464	0.448	ug/l	93
85) sec-Butylbenzene	13.498	105	12912	0.375	ug/l	100
86) p-Isopropyltoluene	13.610	119	14066	0.514	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	12584	0.862	ug/l	94
88) 1,4-Dichlorobenzene	13.610	146	12584	0.868	ug/l	96
89) n-Butylbenzene	13.939	91	26321	1.274	ug/l	97
90) Hexachloroethane	14.204	117	1033	0.201	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	11684	0.817	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	2638	1.268	ug/l	94
93) 1,2,4-Trichlorobenzene	15.263	180	21199	3.356	ug/l	96
94) Hexachlorobutadiene	15.363	225	4292	1.078	ug/l	93
95) Naphthalene	15.504	128	79423	8.228	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	24022	3.798	ug/l	98

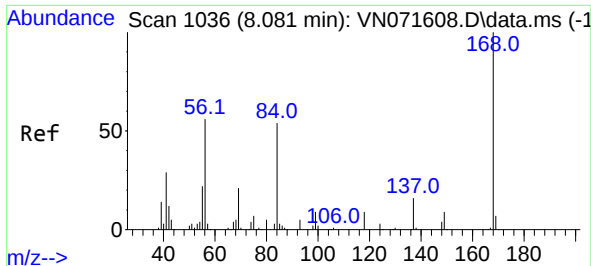
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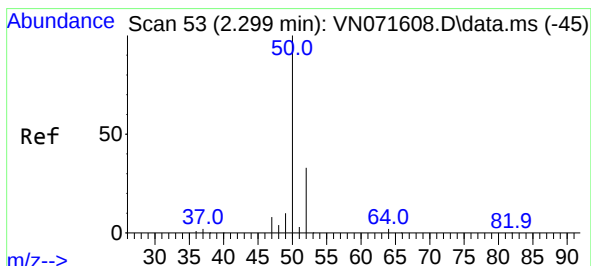
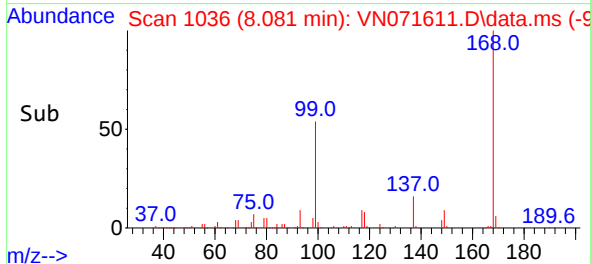
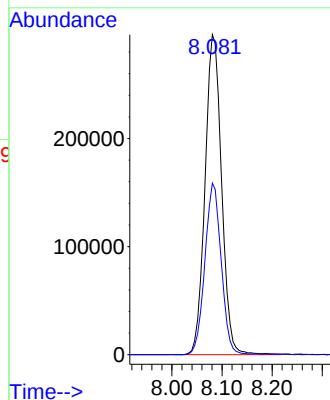
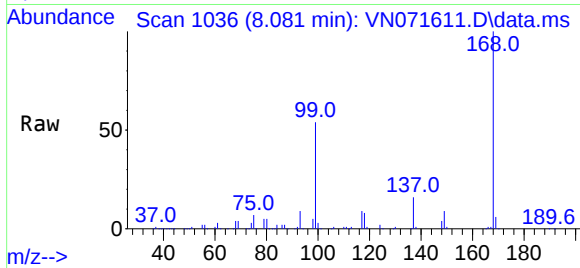




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

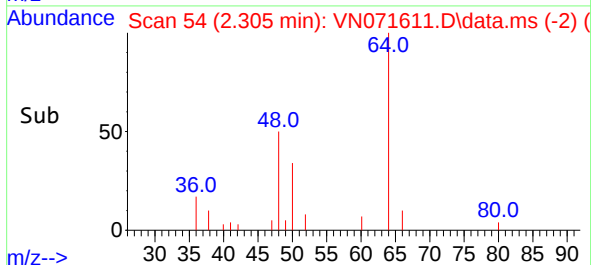
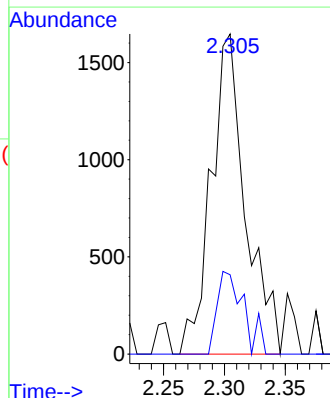
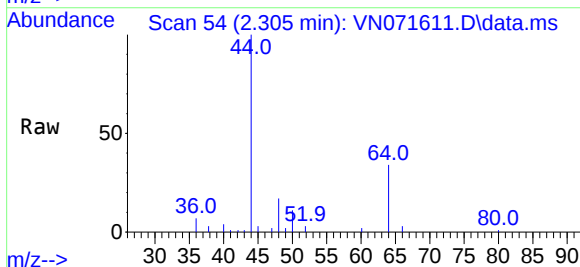
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ClientSampleId :
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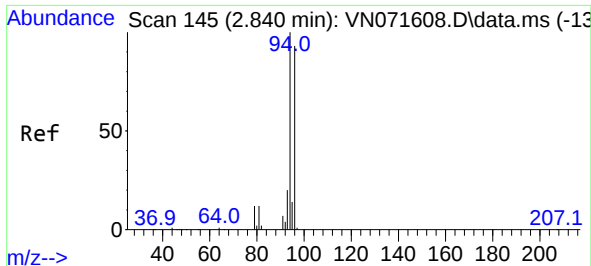
Tgt Ion:168 Resp: 679726
Ion Ratio Lower Upper
168 100
99 53.6 42.3 63.5



#3
Chloromethane
Concen: 0.414 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 50 Resp: 3246
Ion Ratio Lower Upper
50 100
52 24.8 25.7 38.5#

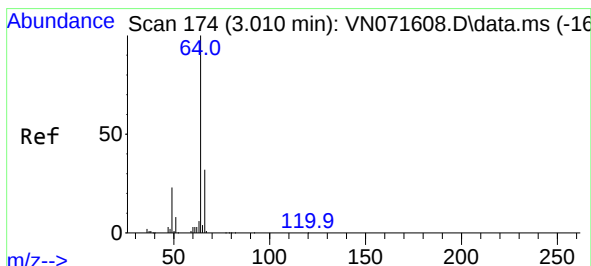
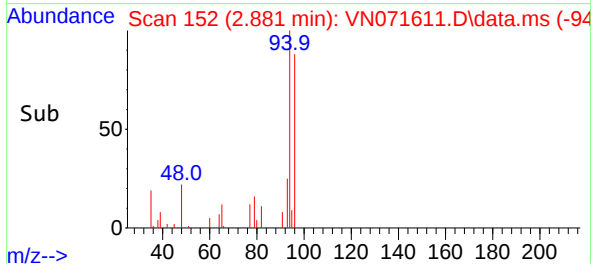
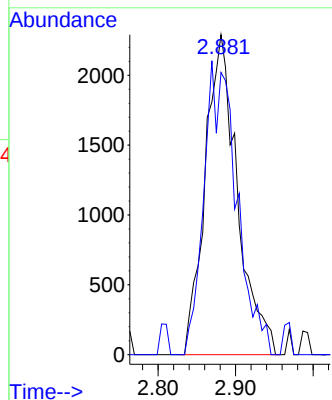
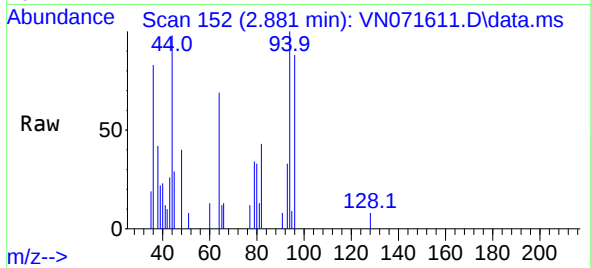




#5
Bromomethane
Concen: 1.296 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

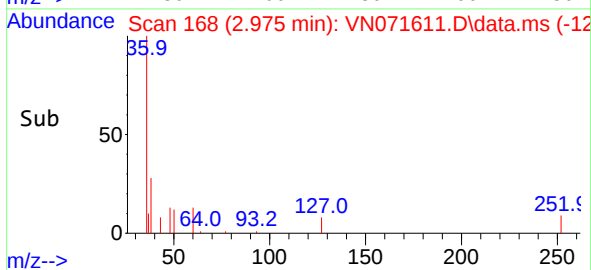
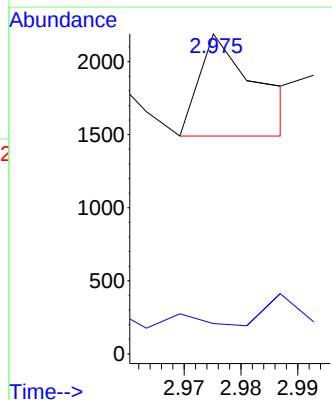
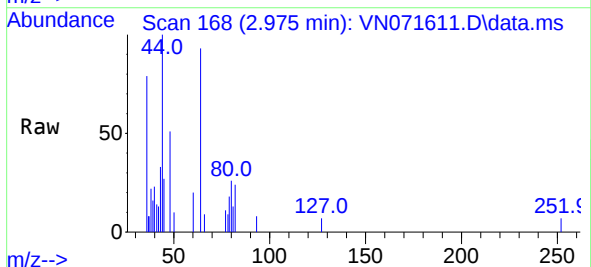
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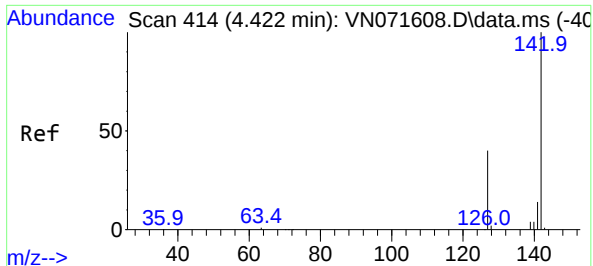
Tgt Ion: 94 Resp: 6630
Ion Ratio Lower Upper
94 100
96 88.2 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.975 min Scan# 168
Delta R.T. -0.035 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 64 Resp: 500
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

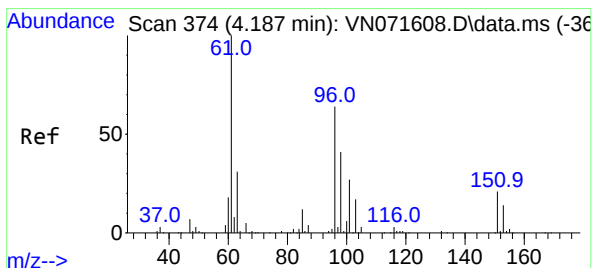
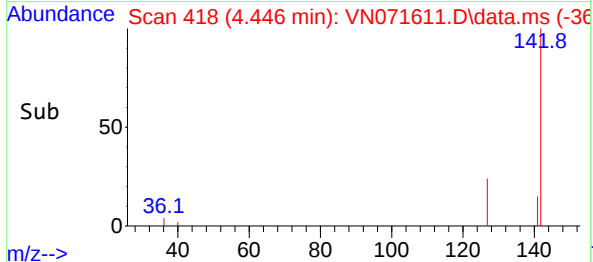
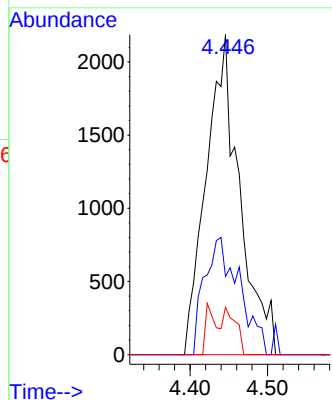
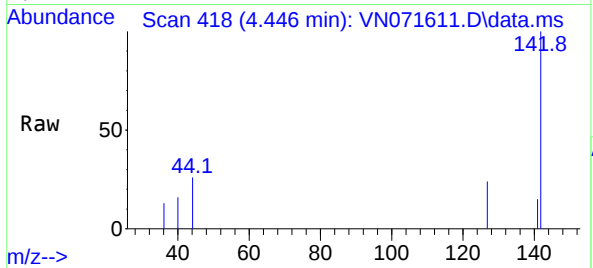




#10
Methyl Iodide
Concen: 0.704 ug/l
RT: 4.446 min Scan# 414
Delta R.T. 0.024 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

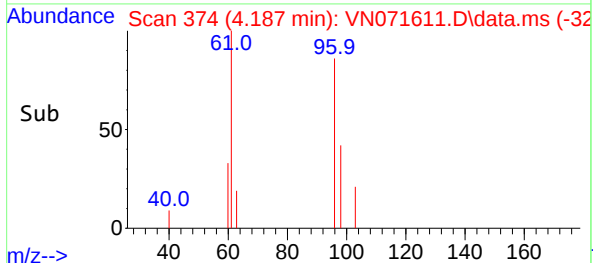
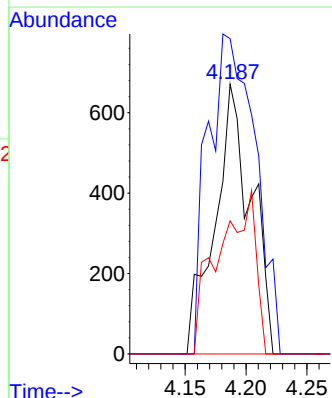
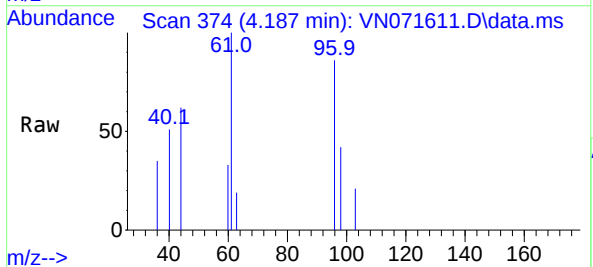
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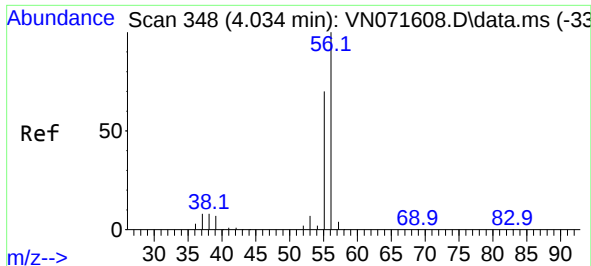
Tgt Ion:142 Resp: 6545
Ion Ratio Lower Upper
142 100
127 38.2 31.3 46.9
141 5.4 11.2 16.8#



#12
1,1-Dichloroethene
Concen: 0.229 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 96 Resp: 1397
Ion Ratio Lower Upper
96 100
61 116.8 127.6 191.4#
98 49.3 51.2 76.8#

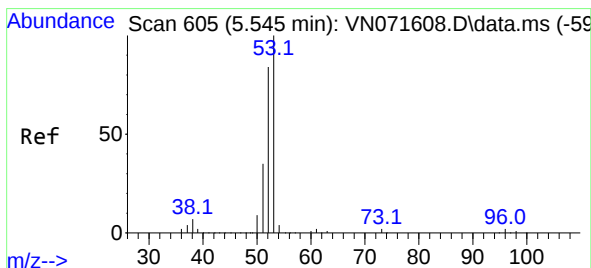
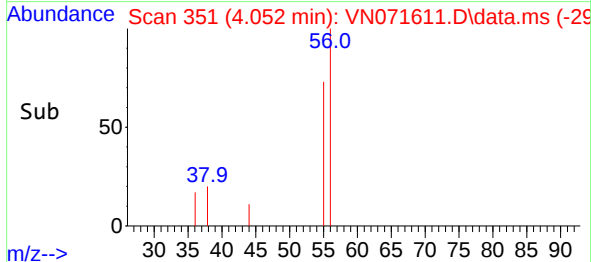
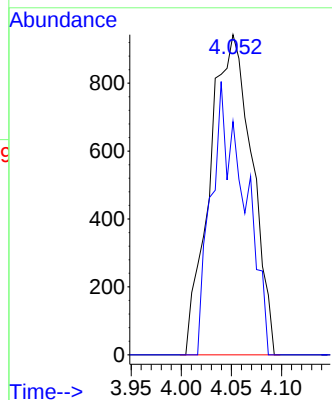
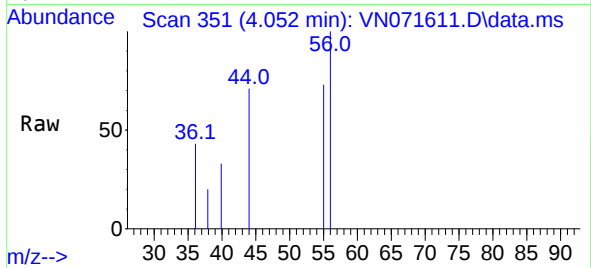




#13
Acrolein
Concen: 2.297 ug/l
RT: 4.052 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

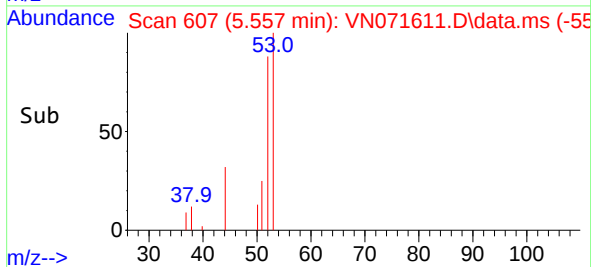
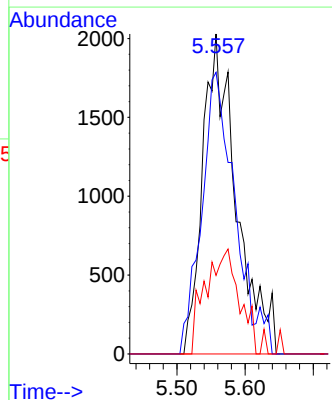
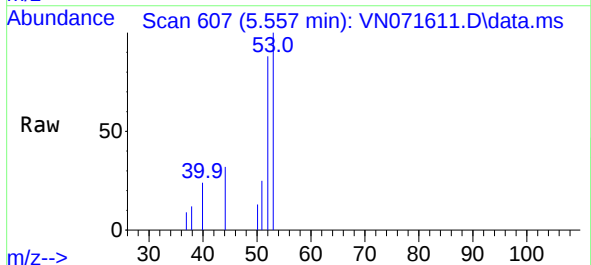
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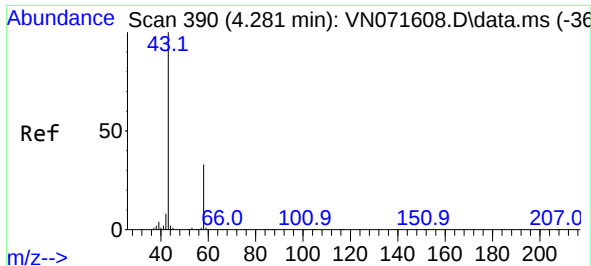
Tgt Ion: 56 Resp: 2758
Ion Ratio Lower Upper
56 100
55 67.0 54.8 82.2



#15
Acrylonitrile
Concen: 1.728 ug/l
RT: 5.557 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 53 Resp: 6946
Ion Ratio Lower Upper
53 100
52 84.4 66.4 99.6
51 33.0 28.5 42.7

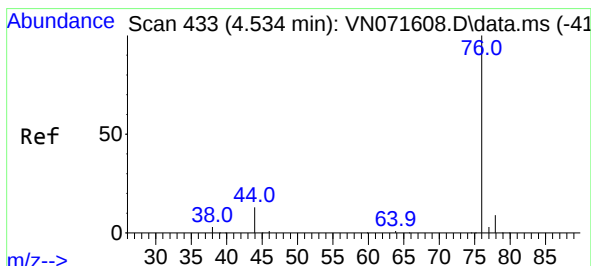
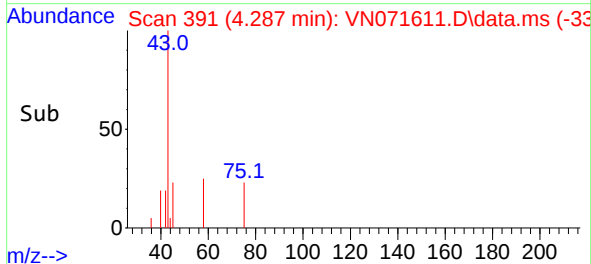
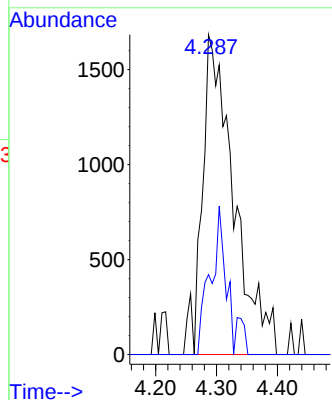
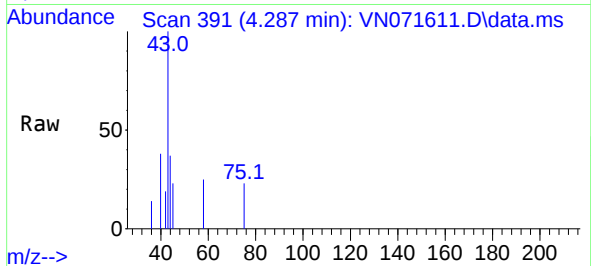




#16
Acetone
Concen: 1.805 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

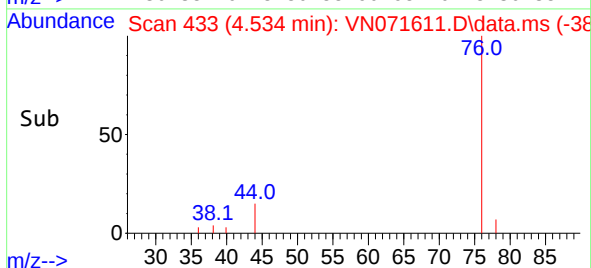
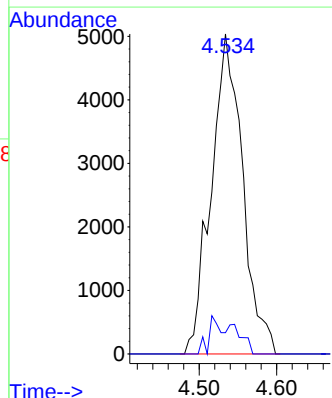
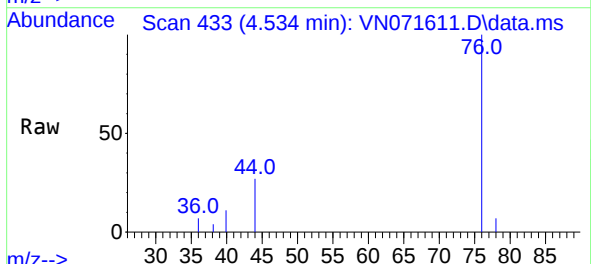
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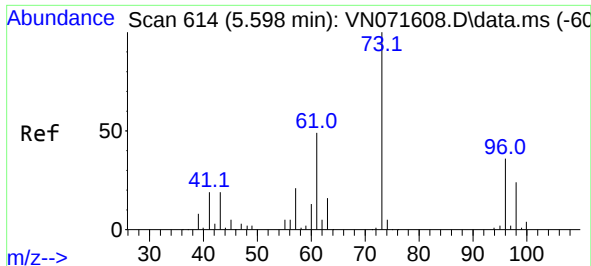
Tgt Ion: 43 Resp: 6066
Ion Ratio Lower Upper
43 100
58 25.0 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.933 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

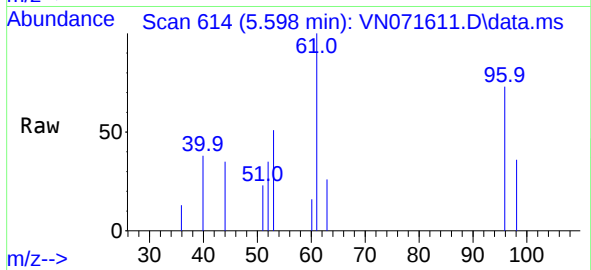
Tgt Ion: 76 Resp: 14178
Ion Ratio Lower Upper
76 100
78 6.6 7.2 10.8#



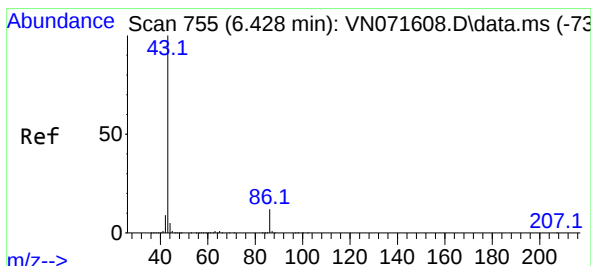
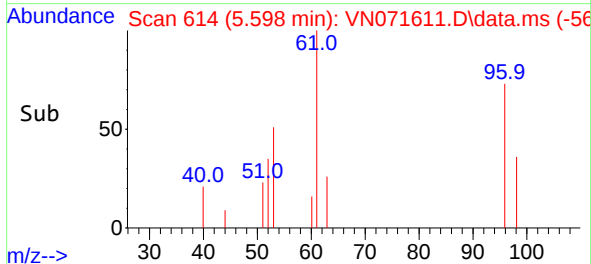
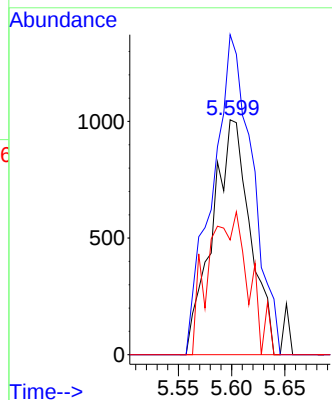


#21
trans-1,2-Dichloroethene
Concen: 0.382 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
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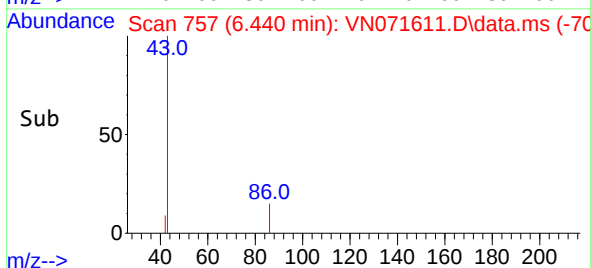
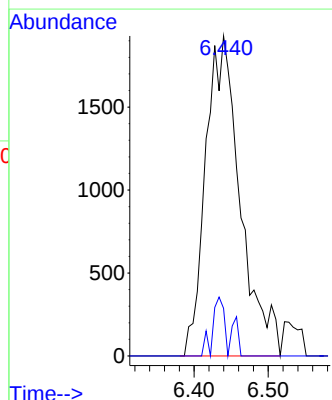
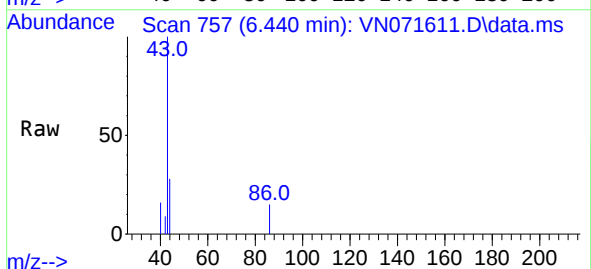


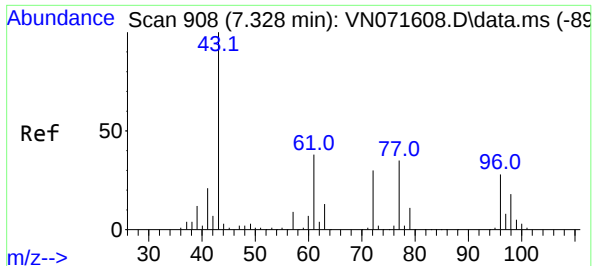
Tgt Ion: 96 Resp: 2492
Ion Ratio Lower Upper
96 100
61 136.2 105.8 158.8
98 48.9 50.3 75.5#



#23
Vinyl Acetate
Concen: 0.357 ug/l
RT: 6.440 min Scan# 757
Delta R.T. 0.012 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 43 Resp: 6271
Ion Ratio Lower Upper
43 100
86 14.9 10.0 15.0





#25

2-Butanone

Concen: 1.091 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.018 min

Lab File: VN071611.D

Acq: 28 Mar 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

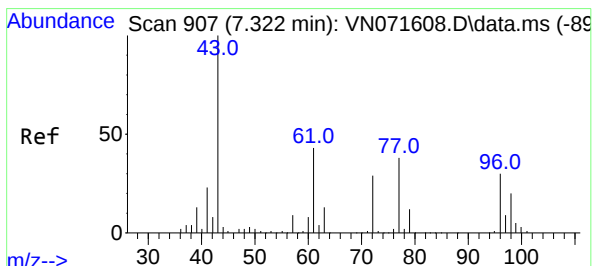
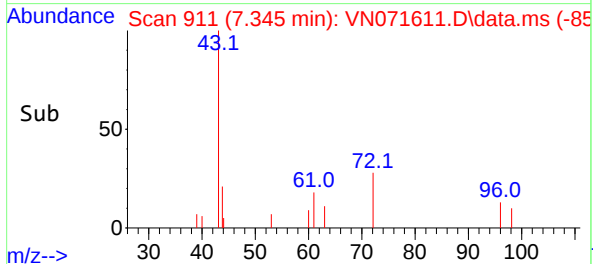
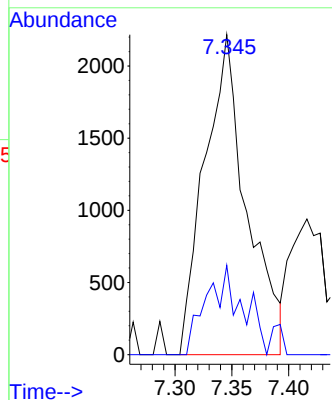
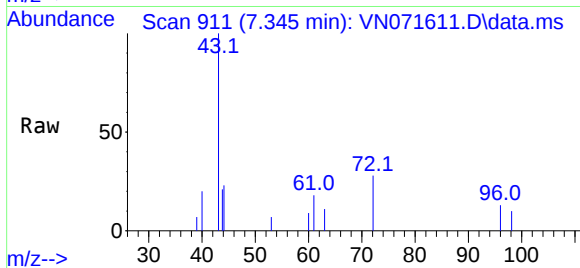
IBLK

Tgt Ion: 43 Resp: 5708

Ion Ratio Lower Upper

43 100

72 27.9 23.7 35.5



#27

cis-1,2-Dichloroethene

Concen: 0.253 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071611.D

Acq: 28 Mar 2022 17:58

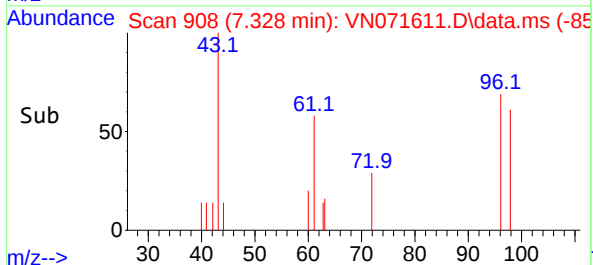
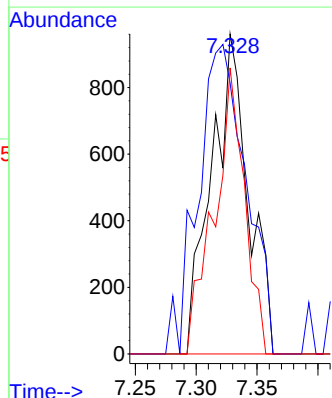
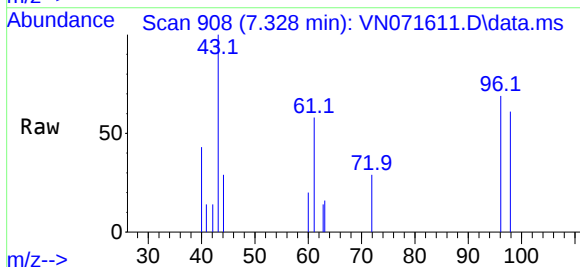
Tgt Ion: 96 Resp: 2028

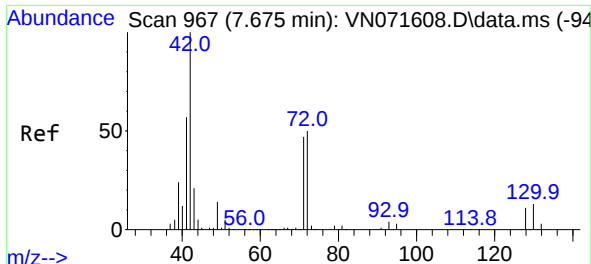
Ion Ratio Lower Upper

96 100

61 125.9 0.0 280.6

98 73.7 0.0 128.4

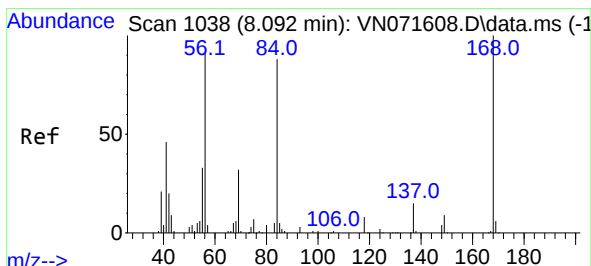
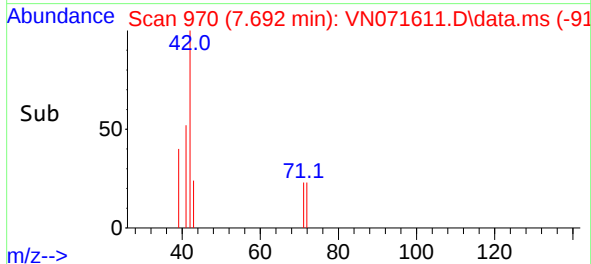
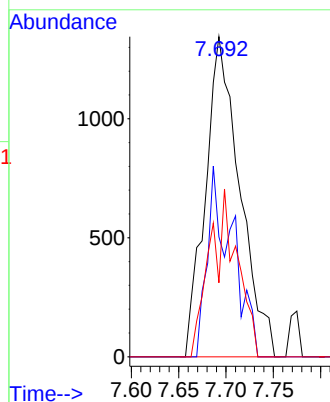
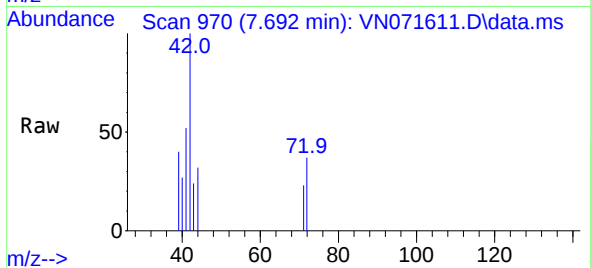




#29
Tetrahydrofuran
Concen: 1.002 ug/l
RT: 7.692 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

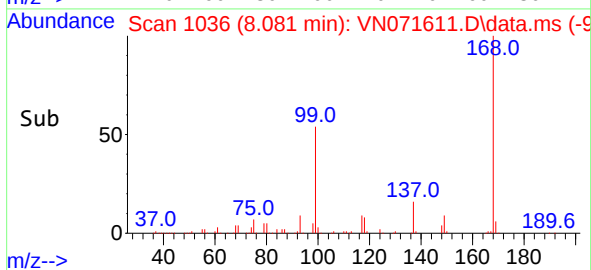
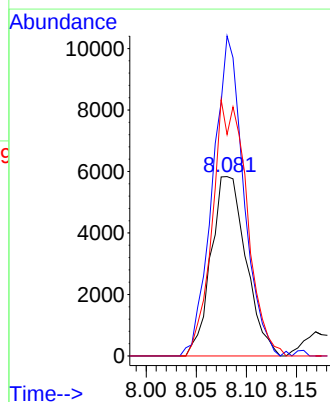
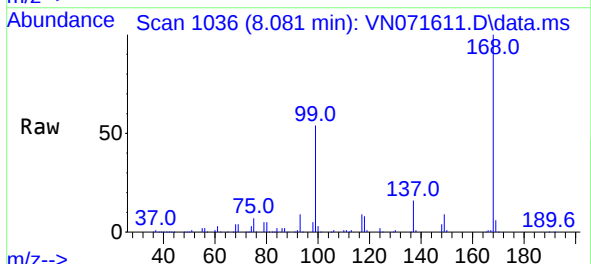
Instrument :
MSVOA_N
ClientSampleId :
IBLK

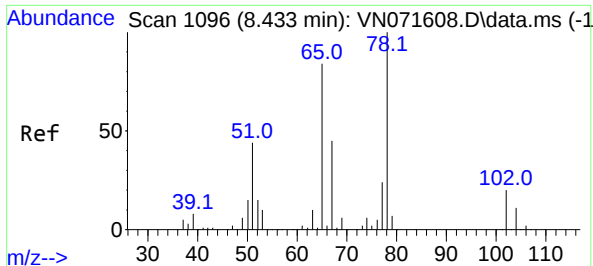
Tgt Ion: 42 Resp: 3402
Ion Ratio Lower Upper
42 100
72 24.8 39.7 59.5#
71 17.7 36.6 55.0#



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 56 Resp: 14159
Ion Ratio Lower Upper
56 100
69 178.4 27.8 41.8#
84 123.4 76.9 115.3#

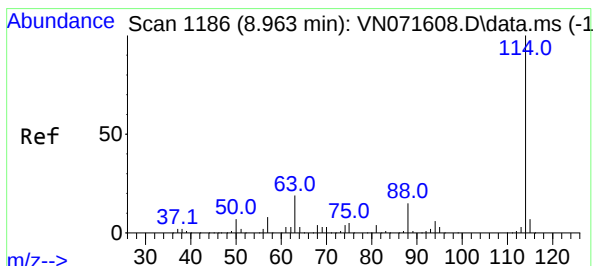
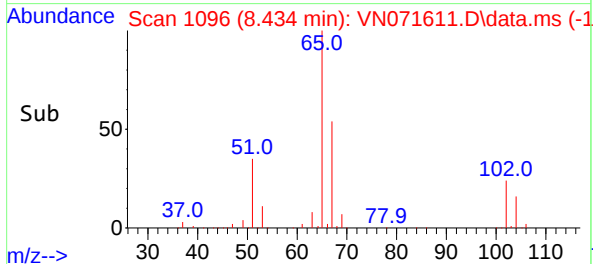
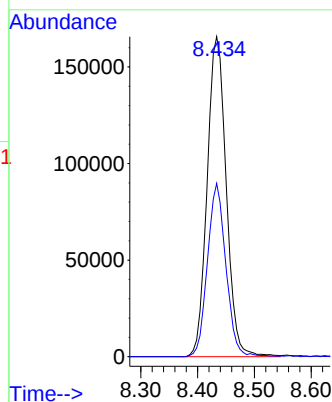
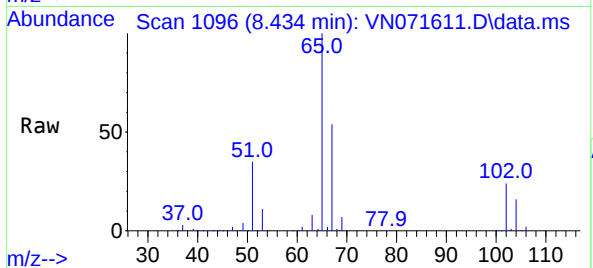




#33
1,2-Dichloroethane-d4
Concen: 47.378 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

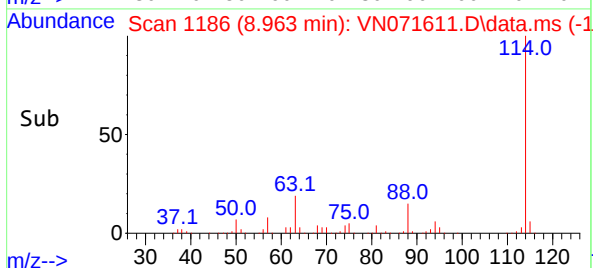
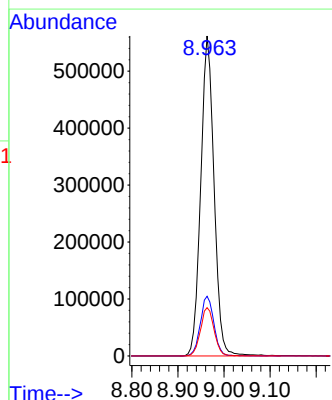
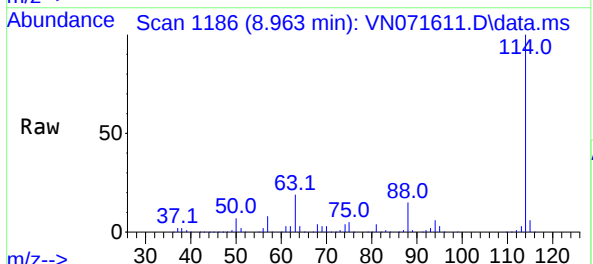
Instrument :
MSVOA_N
ClientSampleId :
IBLK

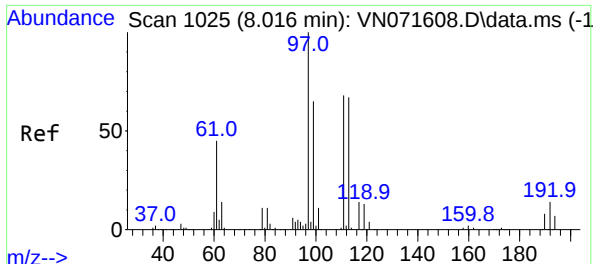
Tgt Ion: 65 Resp: 386131
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion:114 Resp: 1134580
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.1 0.0 32.6

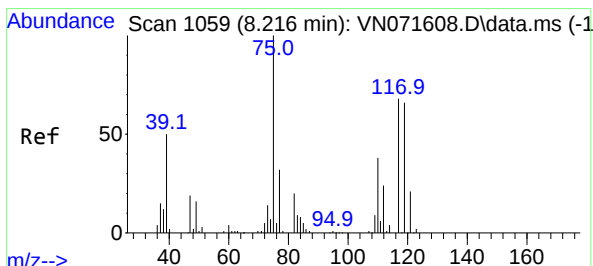
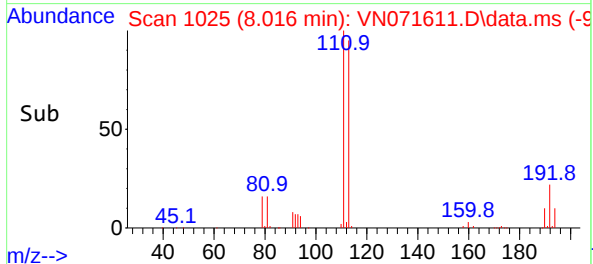
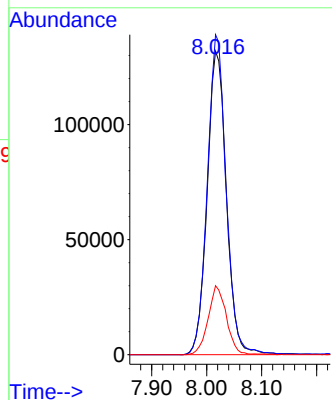
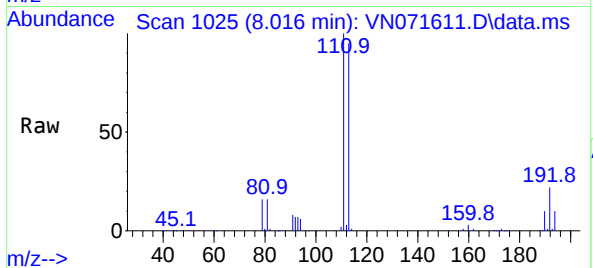




#35
Dibromofluoromethane
Concen: 46.114 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

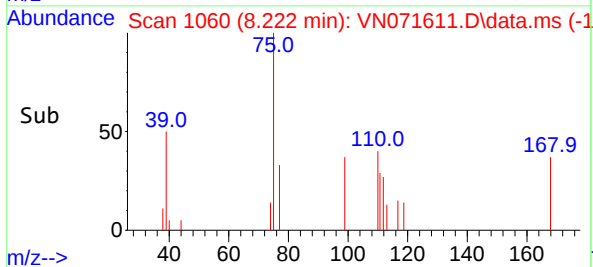
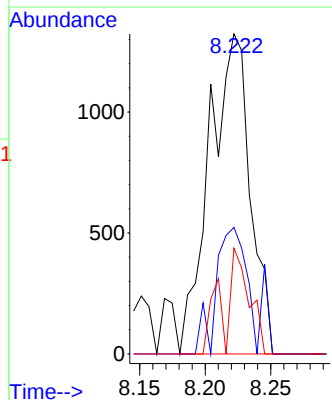
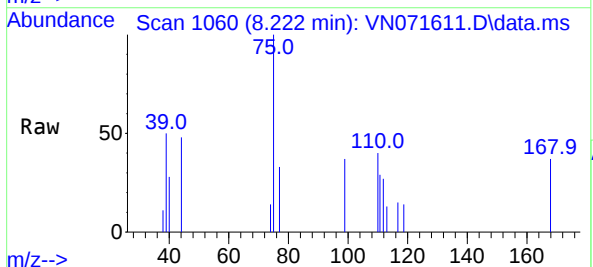
Instrument :
MSVOA_N
ClientSampleId :
IBLK

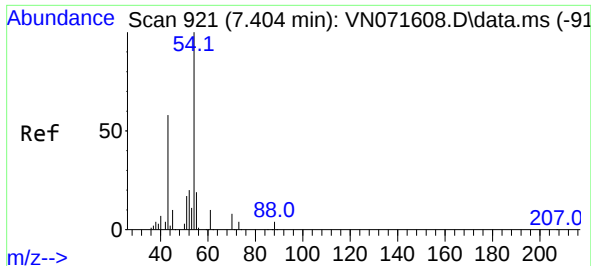
Tgt Ion:113 Resp: 321327
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 21.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 0.286 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 75 Resp: 2865
Ion Ratio Lower Upper
75 100
110 29.0 18.3 54.8
77 14.9 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.217 ug/l

RT: 7.416 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN071611.D

Acq: 28 Mar 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

IBLK

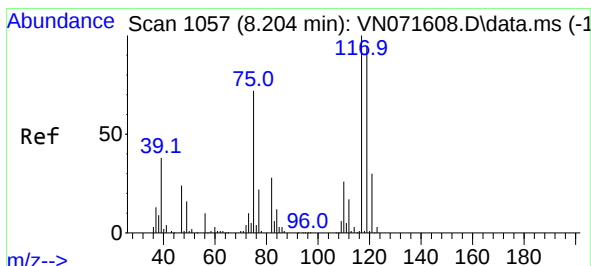
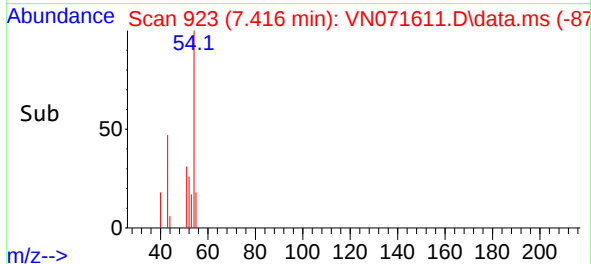
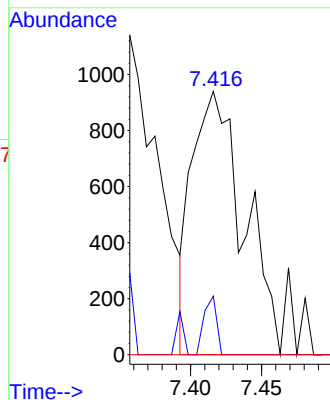
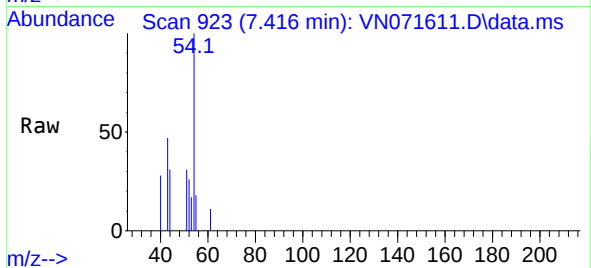
Tgt Ion: 43 Resp: 2375

Ion Ratio Lower Upper

43 100

61 5.4 11.8 17.6#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 6.004 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071611.D

Acq: 28 Mar 2022 17:58

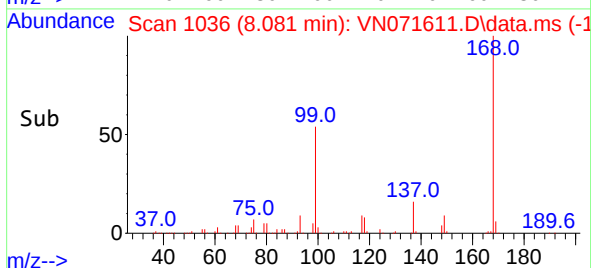
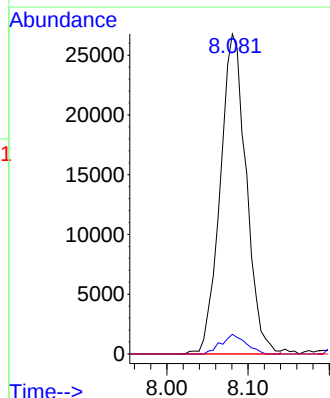
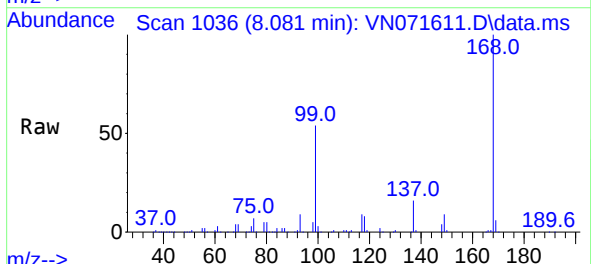
Tgt Ion: 117 Resp: 59605

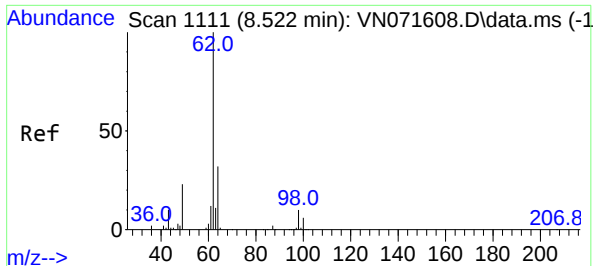
Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.8#

121 0.0 24.6 37.0#





#42

1,2-Dichloroethane

Concen: 0.250 ug/l

RT: 8.522 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN071611.D

Acq: 28 Mar 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

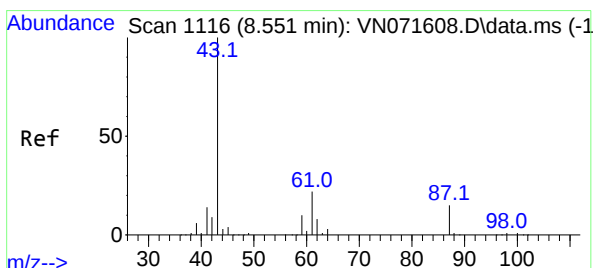
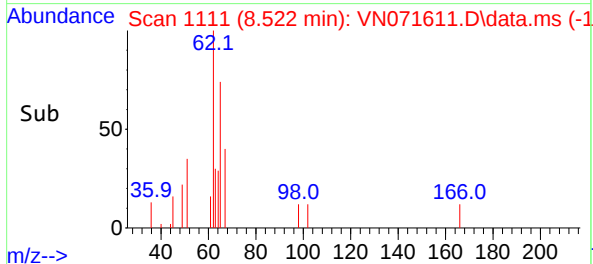
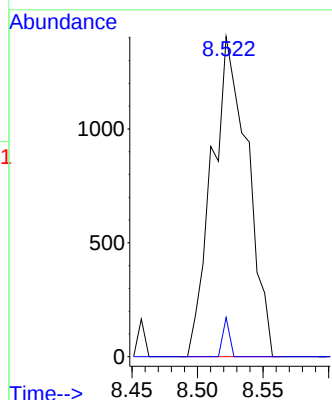
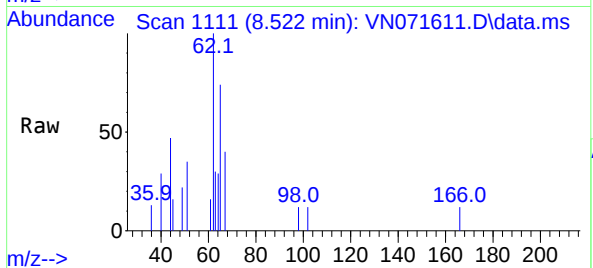
IBLK

Tgt Ion: 62 Resp: 2662

Ion Ratio Lower Upper

62 100

98 2.3 0.0 19.4



#43

Isopropyl Acetate

Concen: 1.496 ug/l

RT: 8.628 min Scan# 1129

Delta R.T. 0.077 min

Lab File: VN071611.D

Acq: 28 Mar 2022 17:58

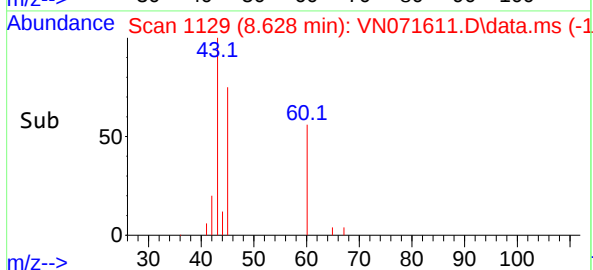
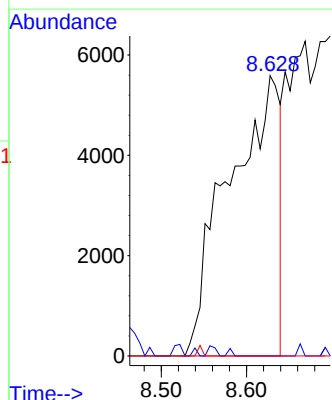
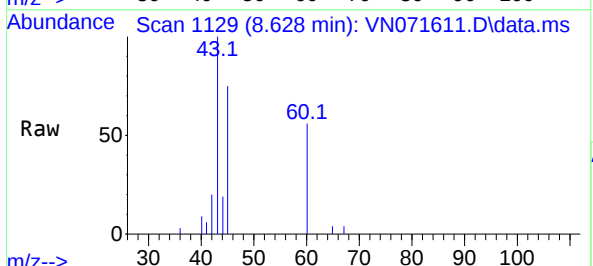
Tgt Ion: 43 Resp: 23133

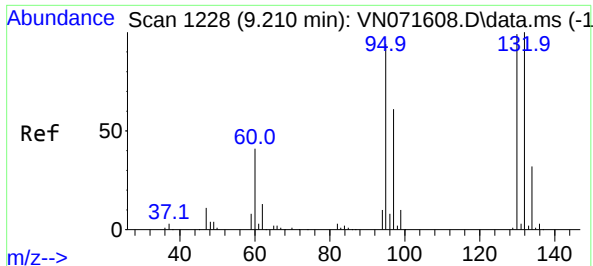
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

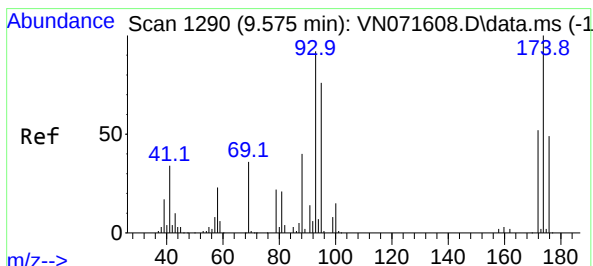
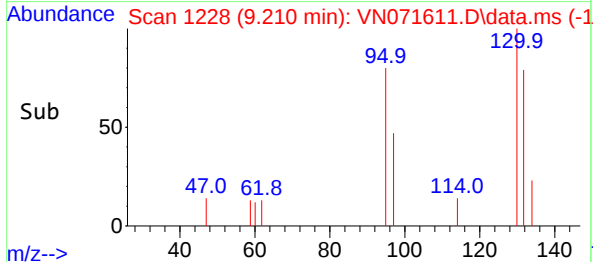
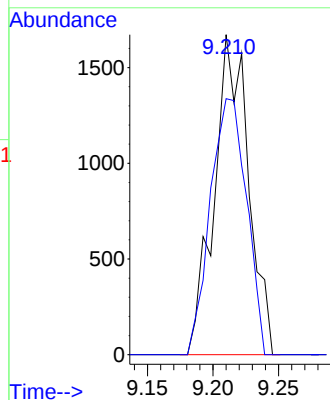
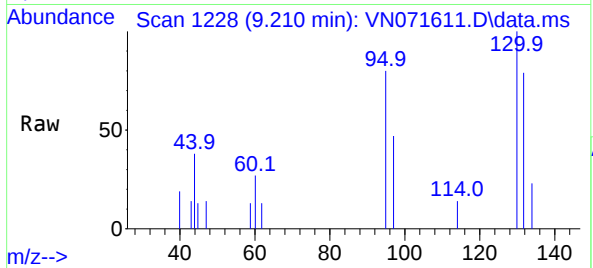




#44
Trichloroethene
Concen: 0.376 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

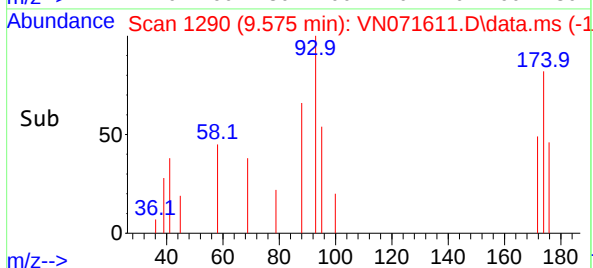
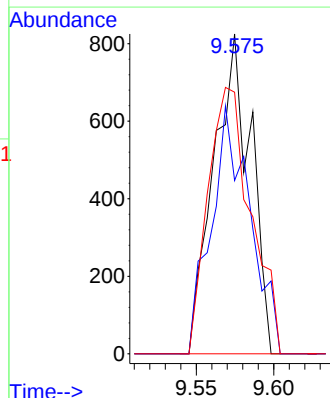
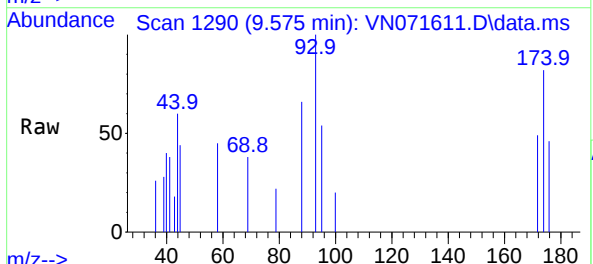
Instrument :
MSVOA_N
ClientSampleId :
IBLK

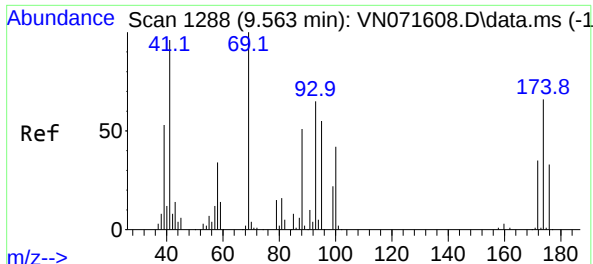
Tgt Ion:130 Resp: 3037
Ion Ratio Lower Upper
130 100
95 80.0 0.0 186.8



#46
Dibromomethane
Concen: 0.265 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 93 Resp: 1372
Ion Ratio Lower Upper
93 100
95 81.0 66.9 100.3
174 96.3 86.6 130.0

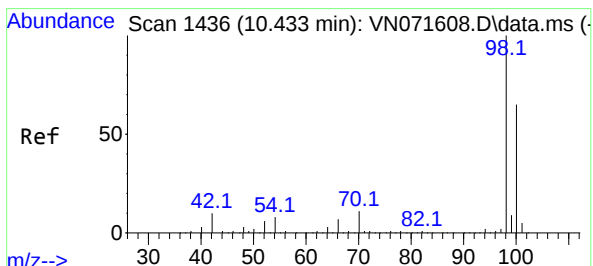
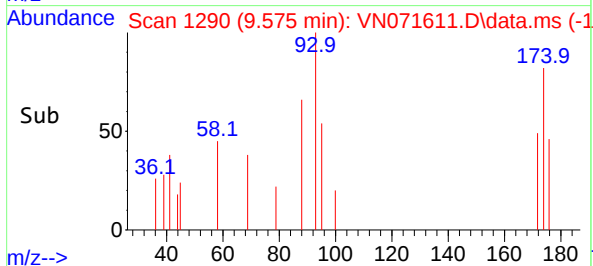
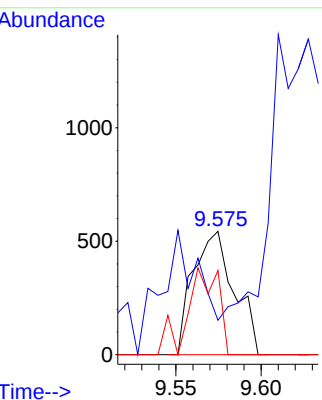
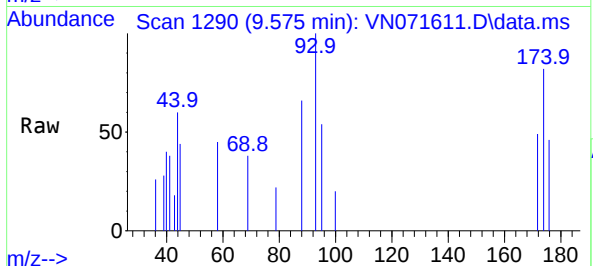




#49
1,4-Dioxane
Concen: 5.268 ug/l
RT: 9.575 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

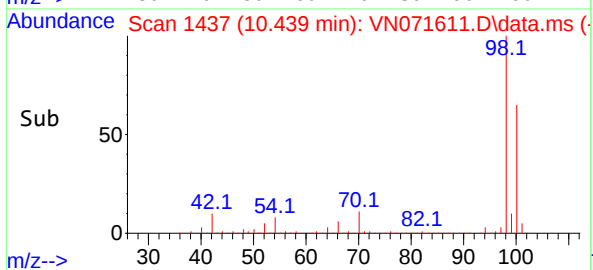
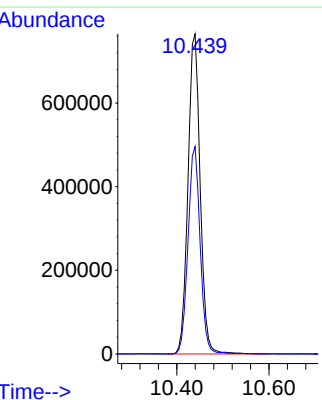
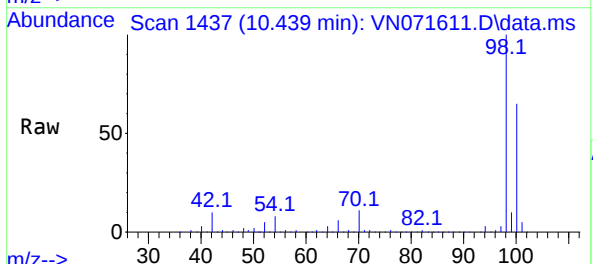
Instrument :
MSVOA_N
ClientSampleId :
IBLK

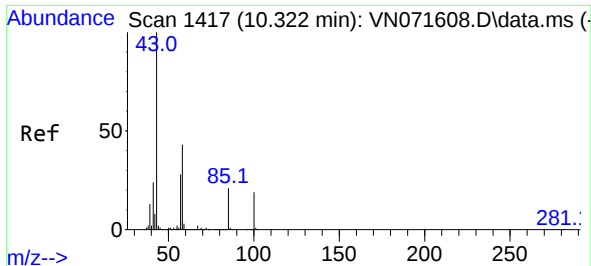
Tgt Ion: 88 Resp: 915
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 53.0 54.2 81.4#



#50
Toluene-d8
Concen: 49.125 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 98 Resp: 1411963
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.943 ug/l

RT: 10.328 min Scan# 1417

Delta R.T. 0.006 min

Lab File: VN071611.D

Acq: 28 Mar 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

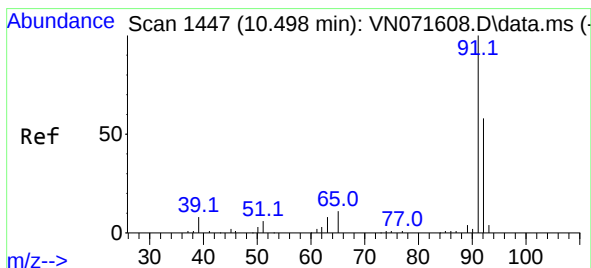
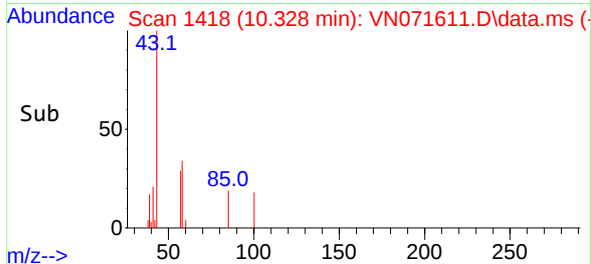
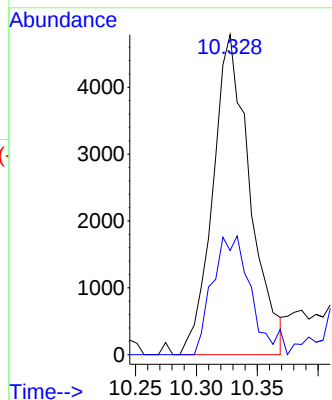
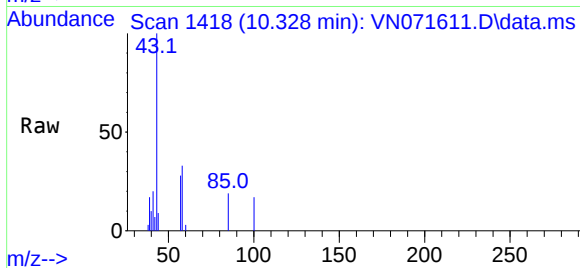
IBLK

Tgt Ion: 43 Resp: 10127

Ion Ratio Lower Upper

43 100

58 38.2 34.1 51.1



#52

Toluene

Concen: 0.221 ug/l

RT: 10.510 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VN071611.D

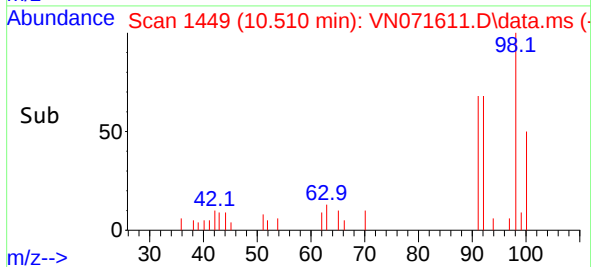
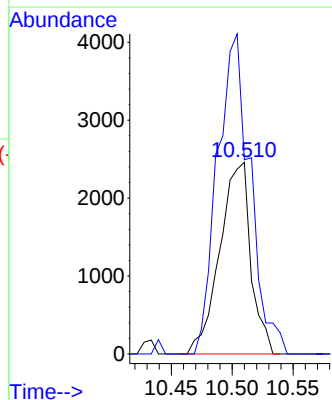
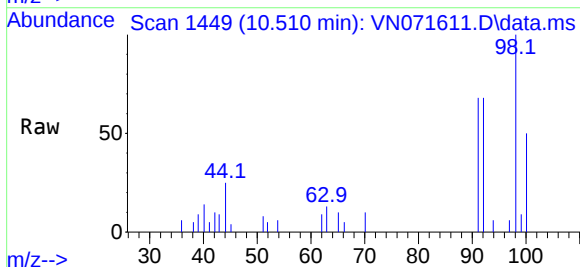
Acq: 28 Mar 2022 17:58

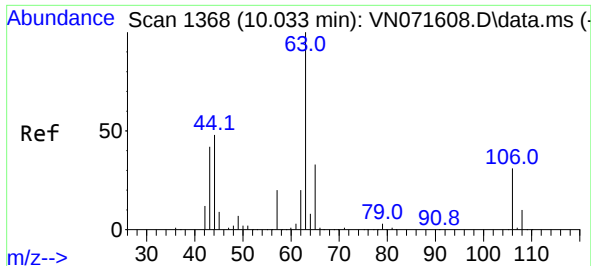
Tgt Ion: 92 Resp: 4363

Ion Ratio Lower Upper

92 100

91 176.0 138.6 207.8

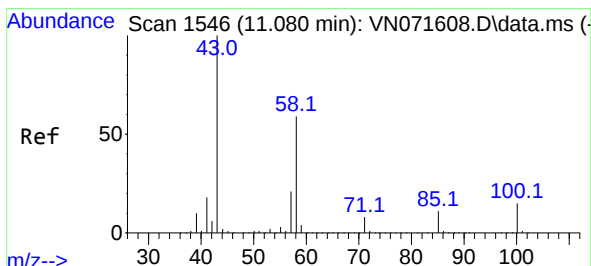
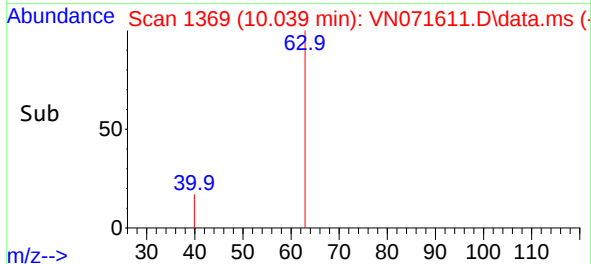
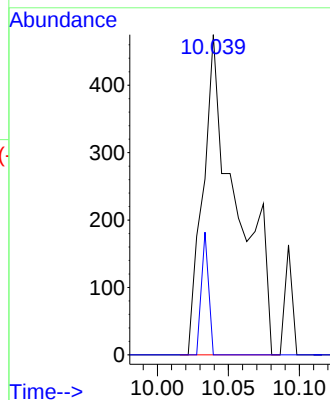
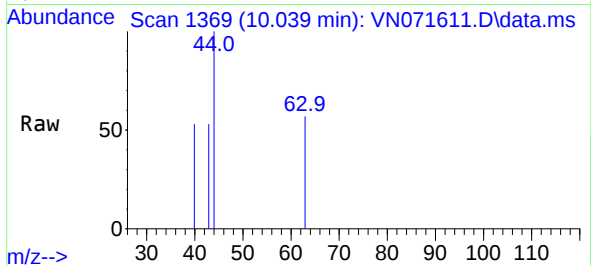




#58
2-Chloroethyl Vinyl ether
Concen: 19.998 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

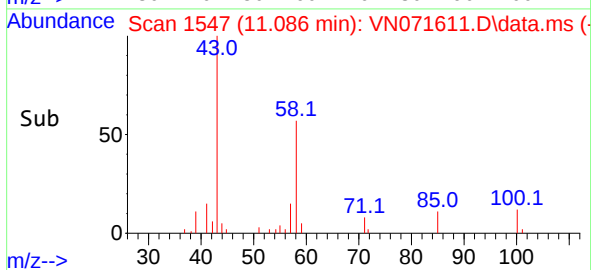
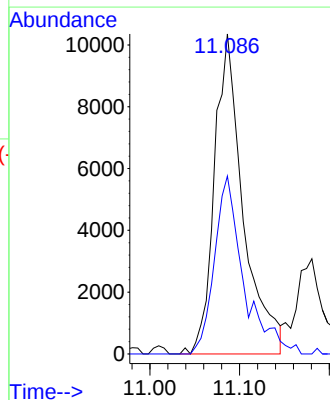
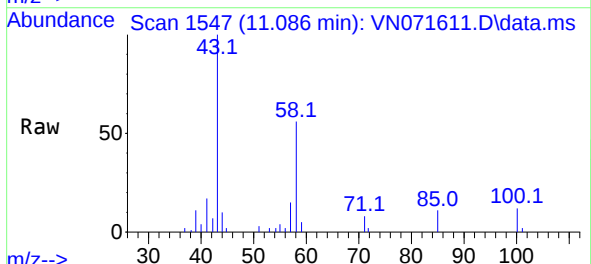
Instrument :
MSVOA_N
ClientSampleId :
IBLK

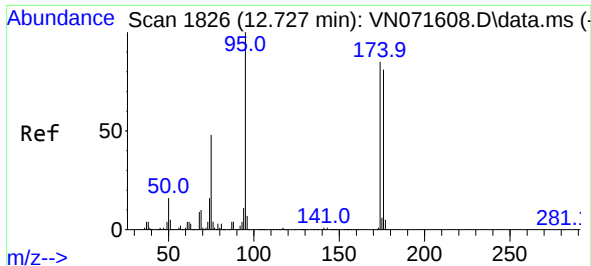
Tgt Ion: 63 Resp: 786
Ion Ratio Lower Upper
63 100
106 8.1 24.6 36.8#



#59
2-Hexanone
Concen: 2.999 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 43 Resp: 23040
Ion Ratio Lower Upper
43 100
58 56.4 29.7 89.1

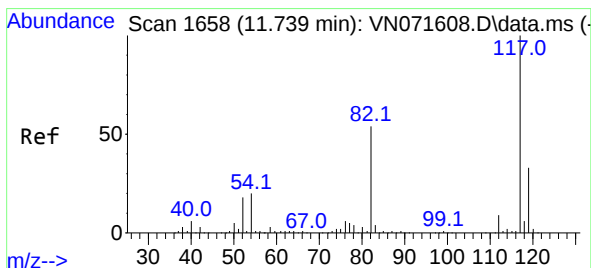
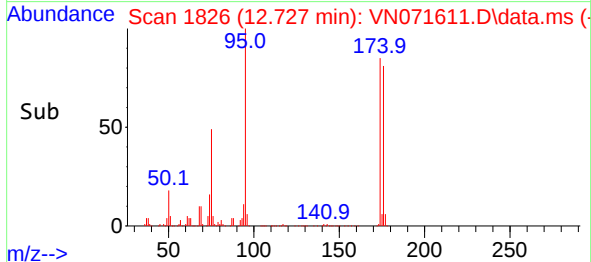
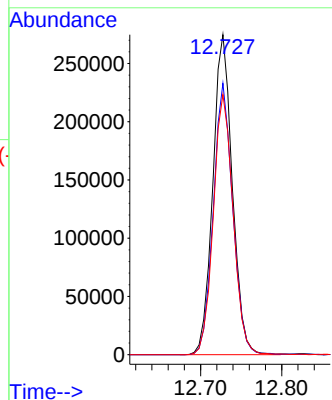
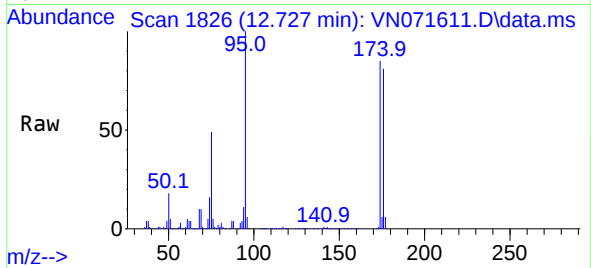




#62
4-Bromofluorobenzene
Concen: 48.882 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

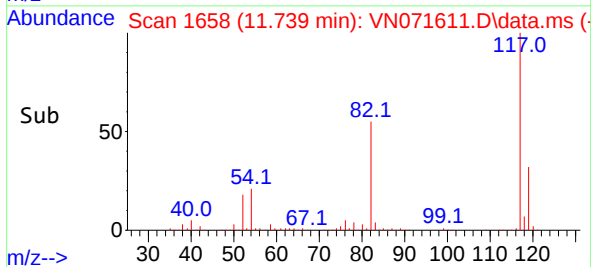
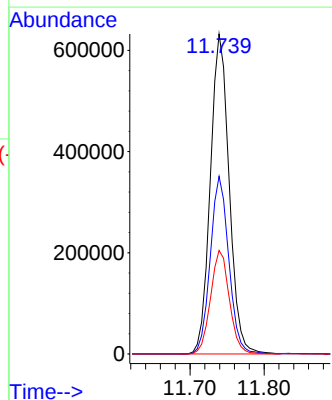
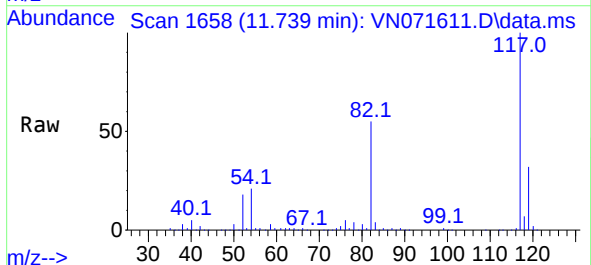
Instrument :
MSVOA_N
ClientSampleId :
IBLK

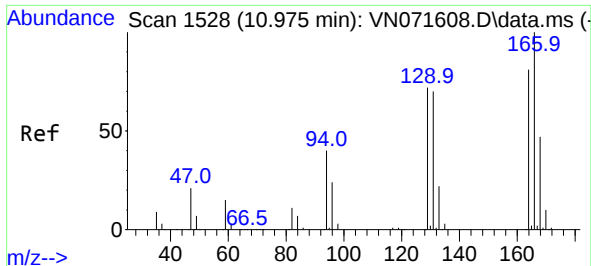
Tgt Ion: 95 Resp: 458340
Ion Ratio Lower Upper
95 100
174 84.7 0.0 167.6
176 82.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 117 Resp: 1116014
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.3 25.4 38.0

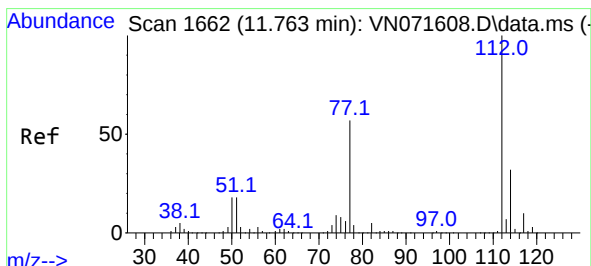
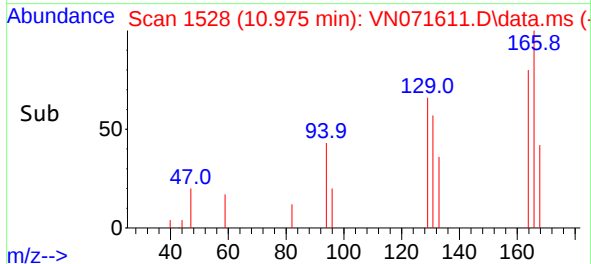
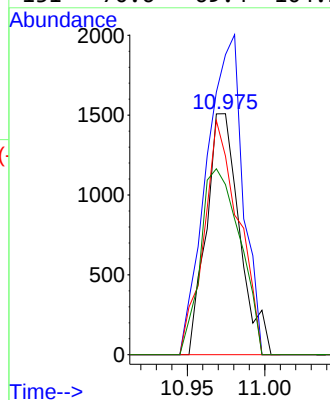
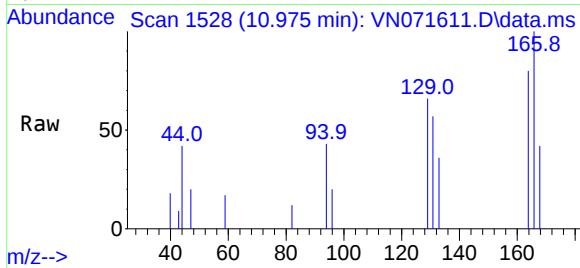




#64
Tetrachloroethene
Concen: 0.291 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

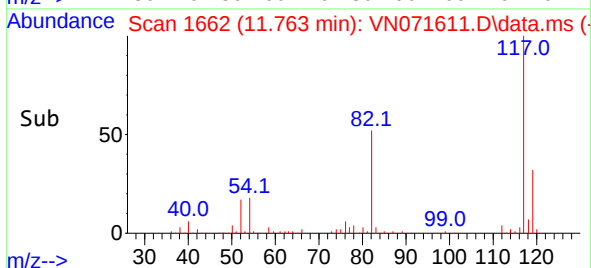
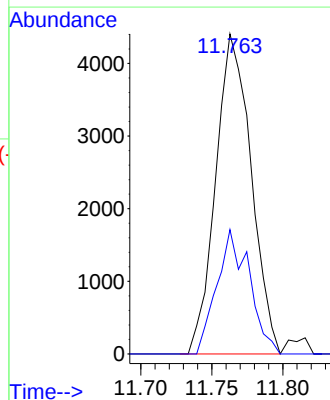
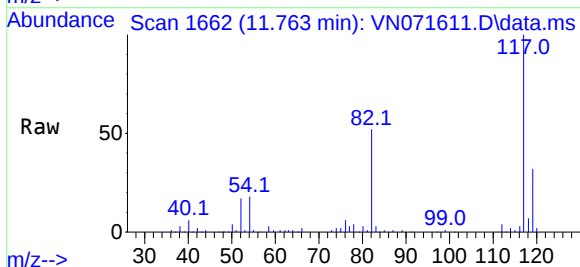
Instrument :
MSVOA_N
ClientSampleId :
IBLK

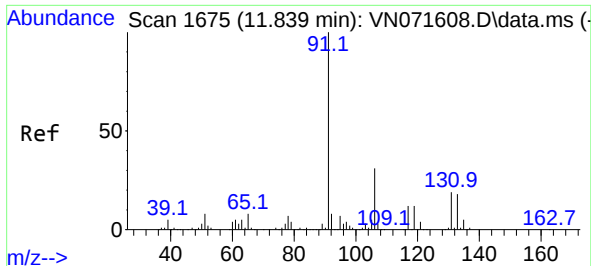
Tgt Ion:164 Resp: 2249
Ion Ratio Lower Upper
164 100
166 124.5 104.2 156.2
129 82.4 73.9 110.9
131 70.6 69.4 104.2



#65
Chlorobenzene
Concen: 0.328 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion:112 Resp: 7645
Ion Ratio Lower Upper
112 100
114 38.9 25.4 38.2#

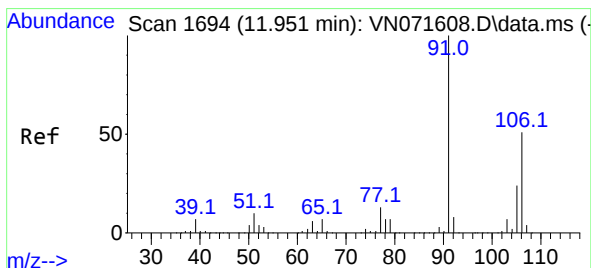
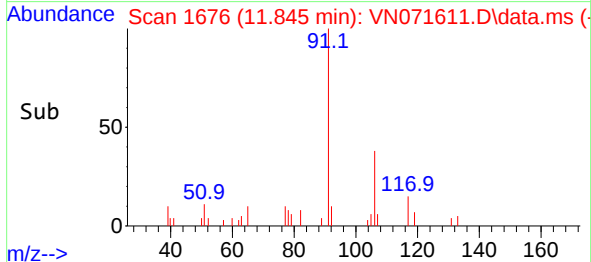
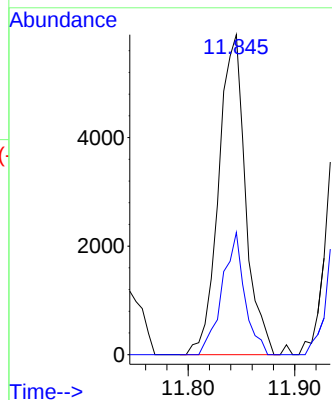
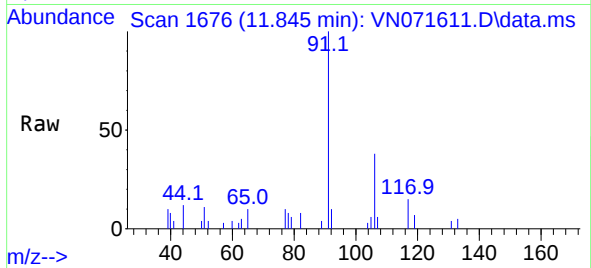




#67
Ethyl Benzene
Concen: 0.256 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

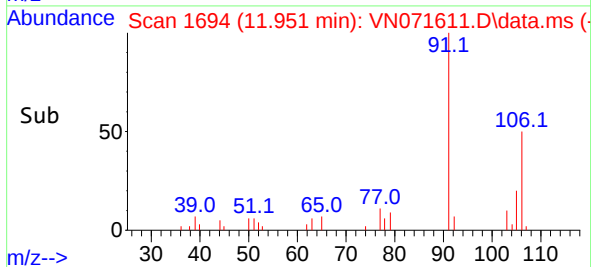
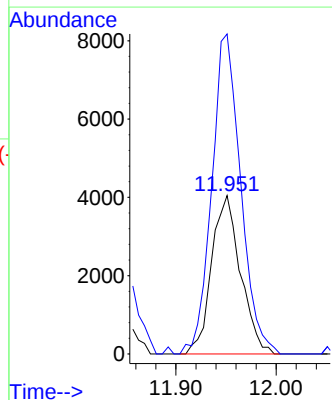
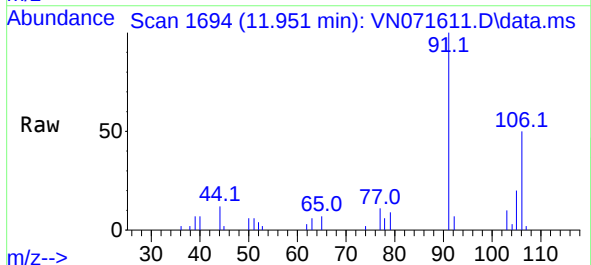
Instrument :
MSVOA_N
ClientSampleId :
IBLK

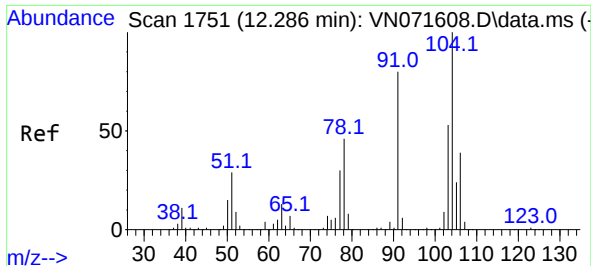
Tgt Ion: 91 Resp: 10295
Ion Ratio Lower Upper
91 100
106 38.2 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.532 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 106 Resp: 8120
Ion Ratio Lower Upper
106 100
91 202.0 158.9 238.3

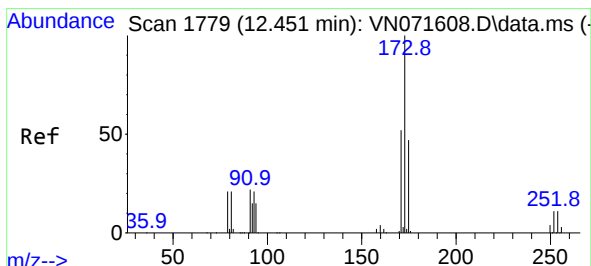
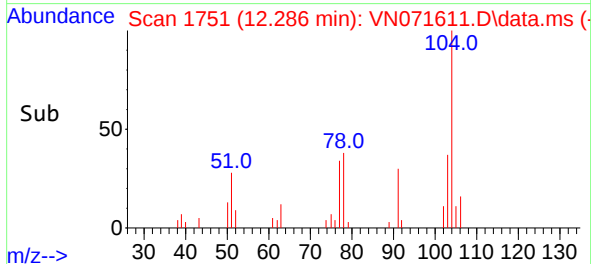
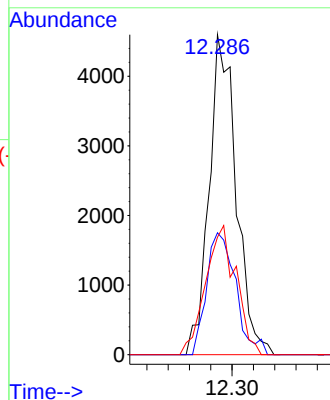
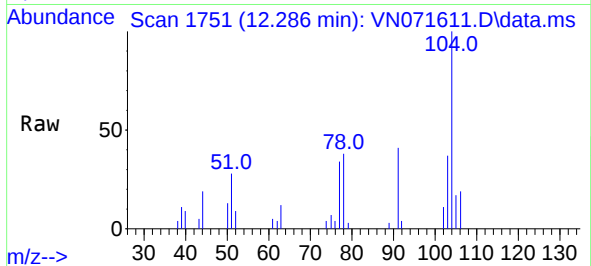




#70
Styrene
Concen: 0.346 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

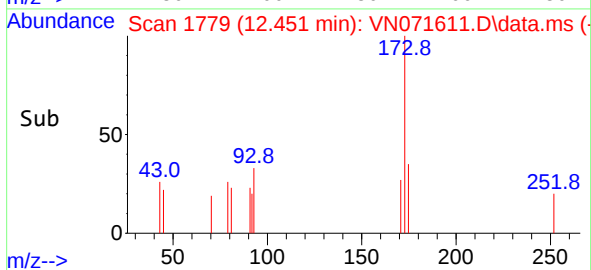
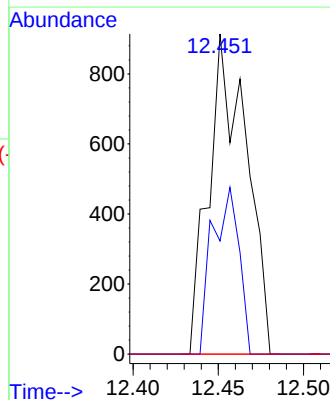
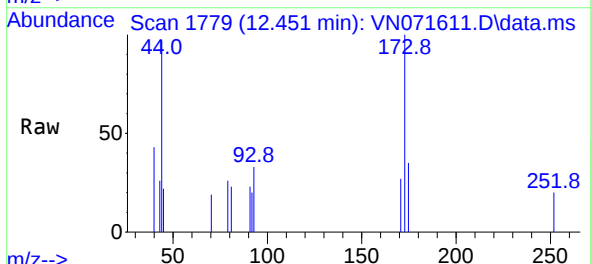
Instrument :
MSVOA_N
ClientSampleId :
IBLK

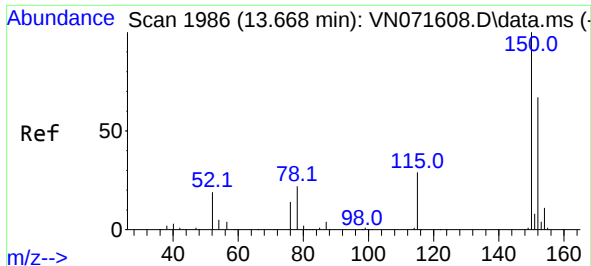
Tgt Ion:	104	Resp:	8109
Ion Ratio	Lower	Upper	
104	100		
78	41.0	39.5	59.3
103	45.4	44.0	66.0



#71
Bromoform
Concen: 0.214 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion:	173	Resp:	1407
Ion Ratio	Lower	Upper	
173	100		
175	36.9	24.6	73.6
254	0.0	0.1	0.1

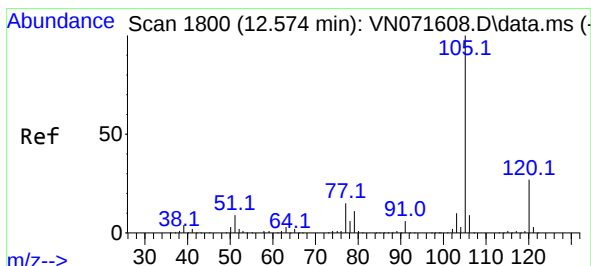
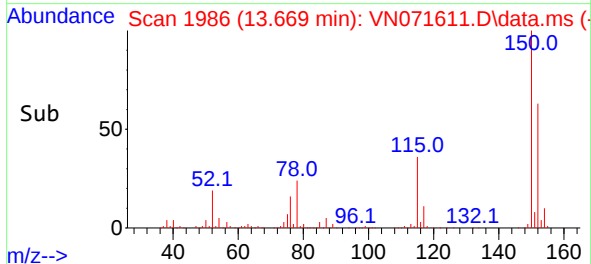
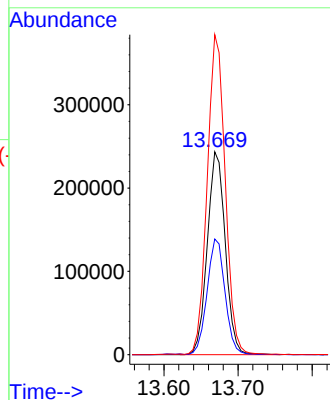
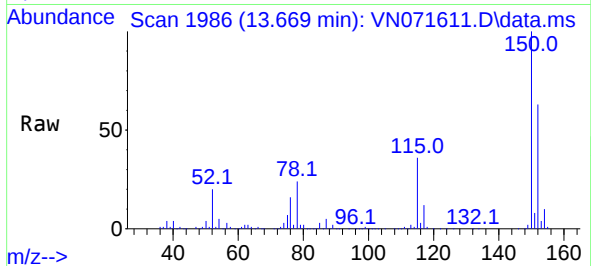




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

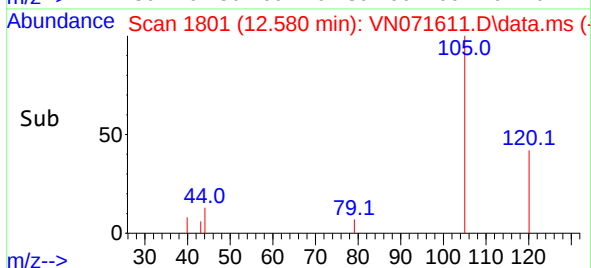
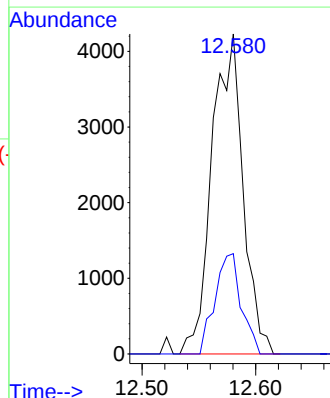
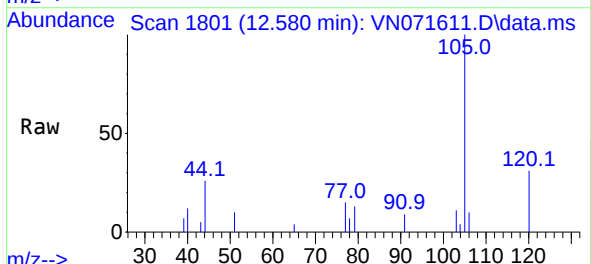
Instrument :
MSVOA_N
ClientSampleId :
IBLK

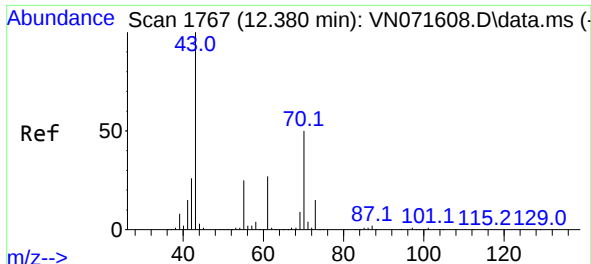
Tgt Ion:152 Resp: 411126
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 158.1 0.0 356.2



#73
Isopropylbenzene
Concen: 0.223 ug/l
RT: 12.580 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion:105 Resp: 8029
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

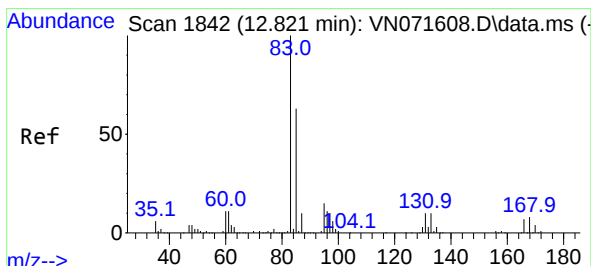
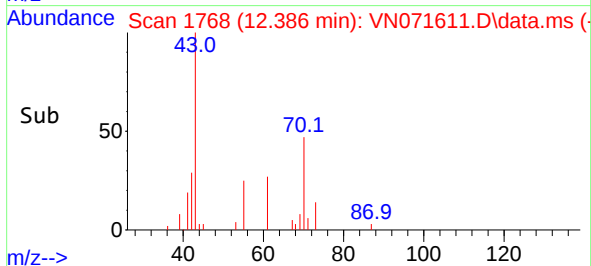
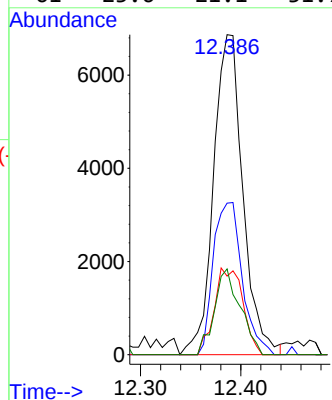
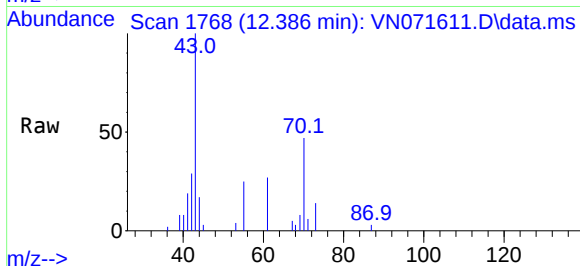




#74
N-amy1 acetate
Concen: 1.280 ug/l
RT: 12.386 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

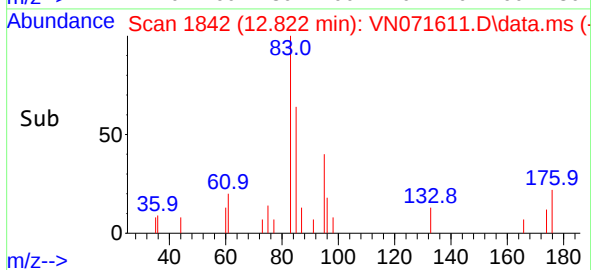
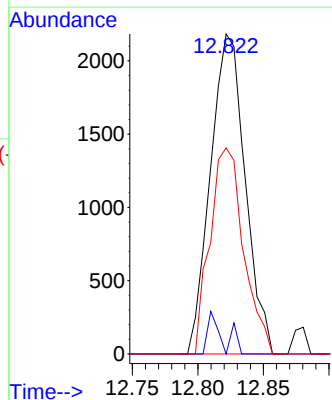
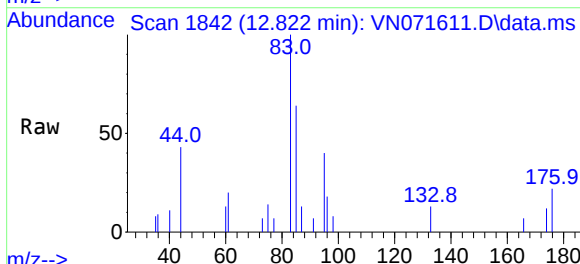
Instrument :
MSVOA_N
ClientSampleId :
IBLK

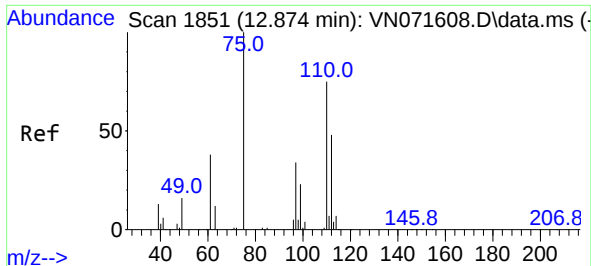
Tgt Ion:	43	Resp:	13970
Ion	Ratio	Lower	Upper
43	100		
70	46.8	39.0	58.4
55	26.3	21.1	31.7
61	23.6	21.1	31.7



#75
1,1,2,2-Tetrachloroethane
Concen: 0.334 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion:	83	Resp:	4020
Ion	Ratio	Lower	Upper
83	100		
131	3.9	5.3	15.9#
85	62.3	32.3	96.9

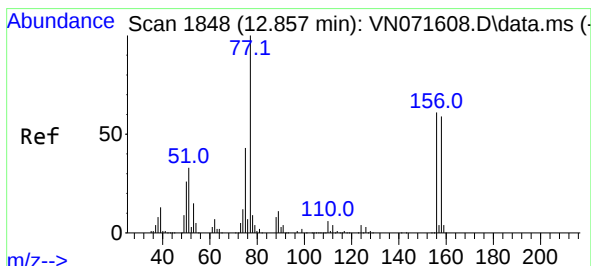
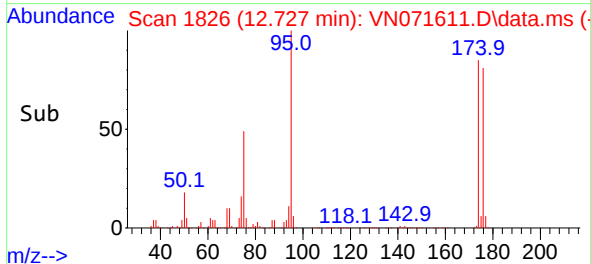
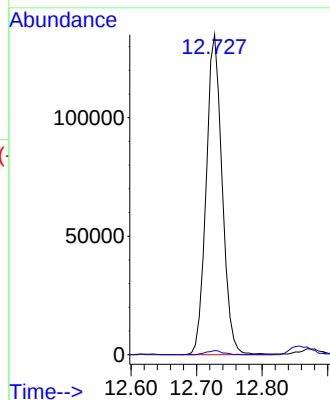
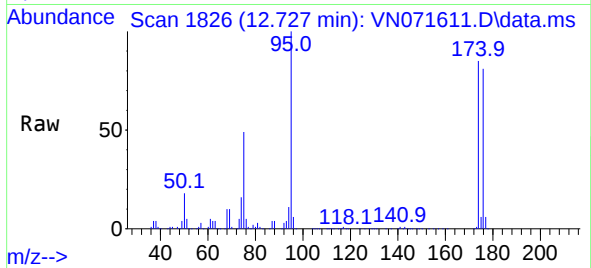




#76
1,2,3-Trichloropropane
Concen: 23.207 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

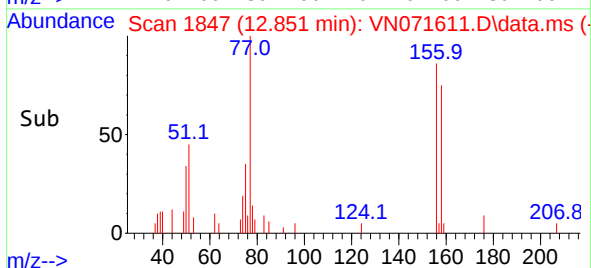
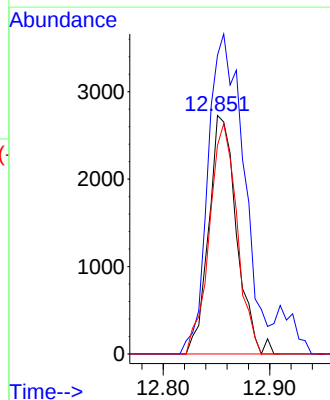
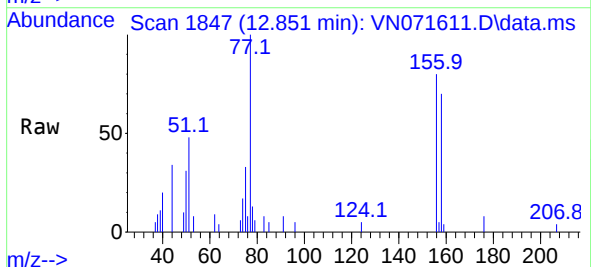
Instrument :
MSVOA_N
ClientSampleId :
IBLK

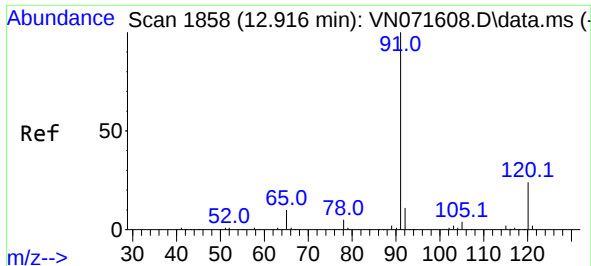
Tgt Ion: 75 Resp: 229088
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#77
Bromobenzene
Concen: 0.547 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion:156 Resp: 4946
Ion Ratio Lower Upper
156 100
77 171.7 100.5 301.5
158 96.0 48.9 146.6

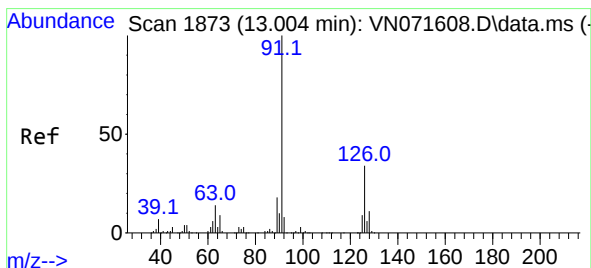
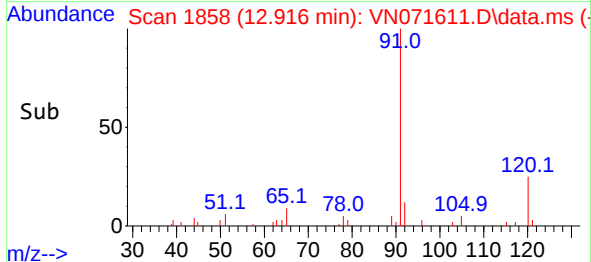
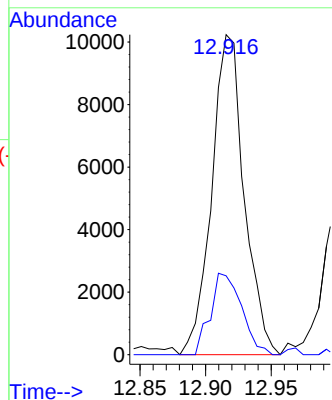
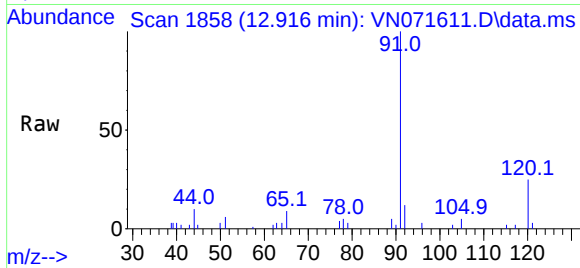




#78
n-propylbenzene
Concen: 0.454 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

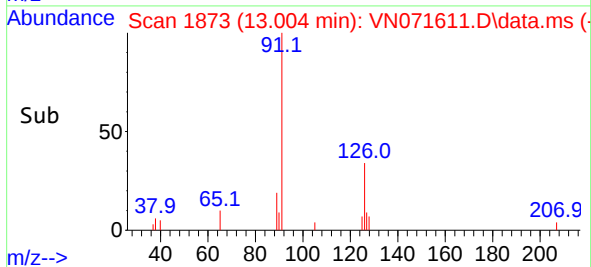
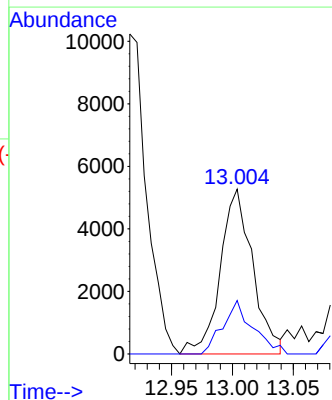
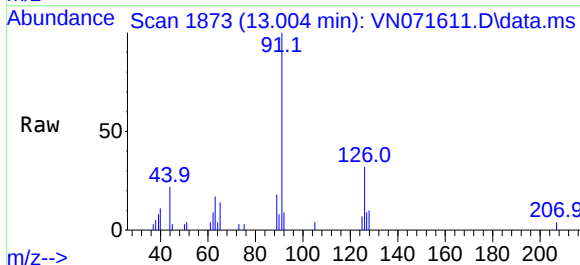
Instrument :
MSVOA_N
ClientSampleId :
IBLK

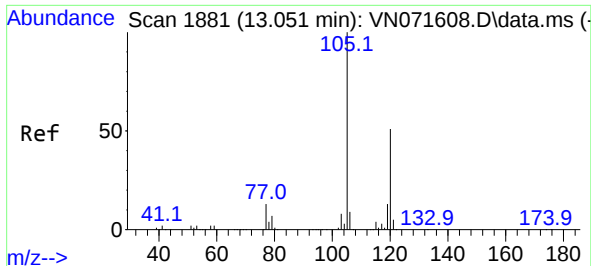
Tgt Ion: 91 Resp: 17621
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.403 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 91 Resp: 9776
Ion Ratio Lower Upper
91 100
126 30.0 17.3 51.9

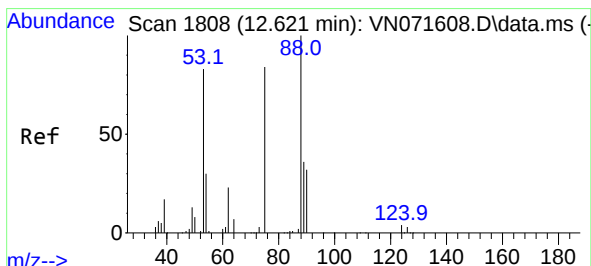
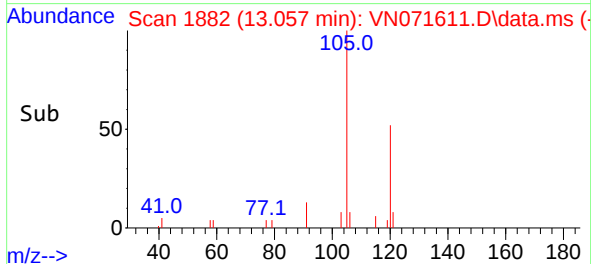
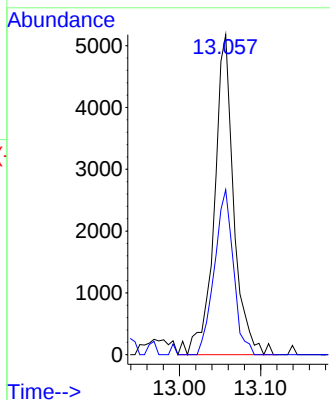
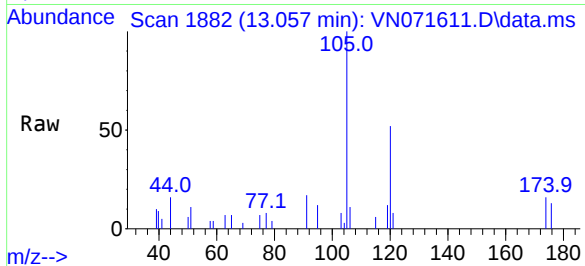




#80
1,3,5-Trimethylbenzene
Concen: 0.303 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

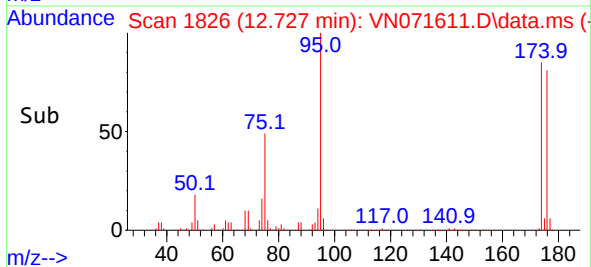
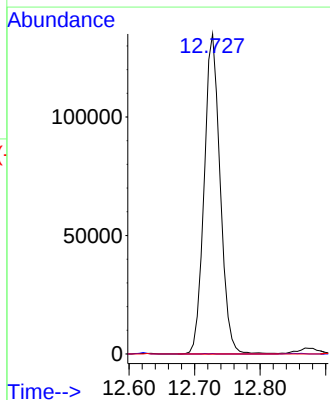
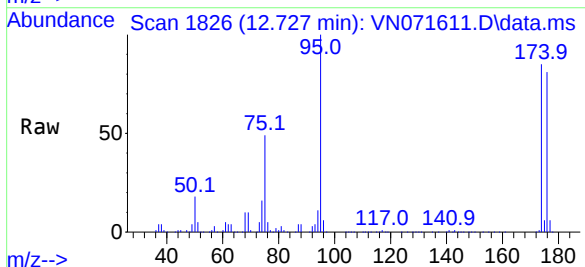
Instrument :
MSVOA_N
ClientSampleId :
IBLK

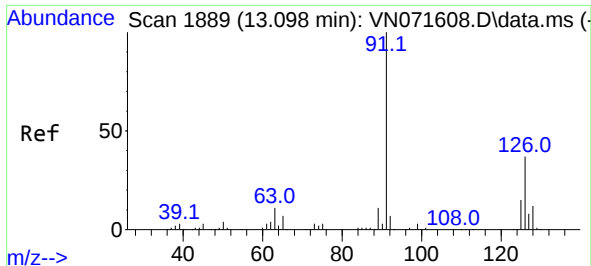
Tgt Ion:105 Resp: 8615
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 66.984 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 75 Resp: 229088
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

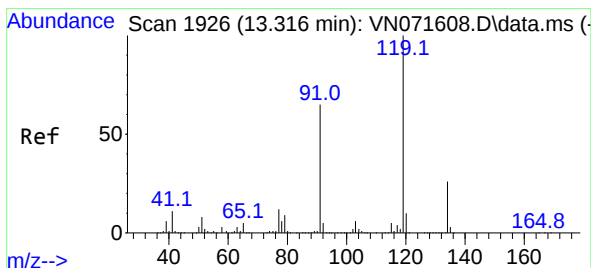
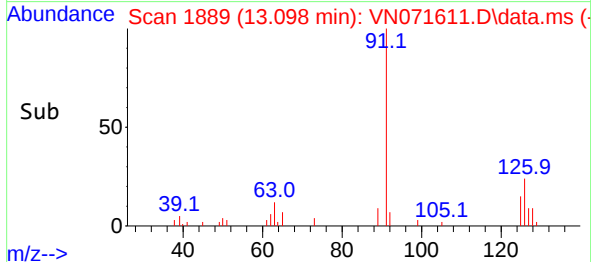
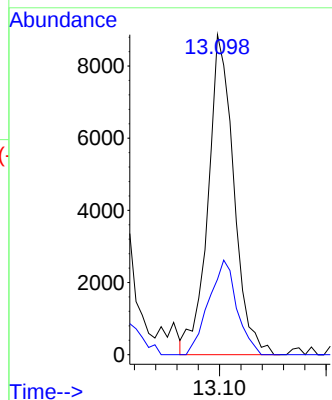
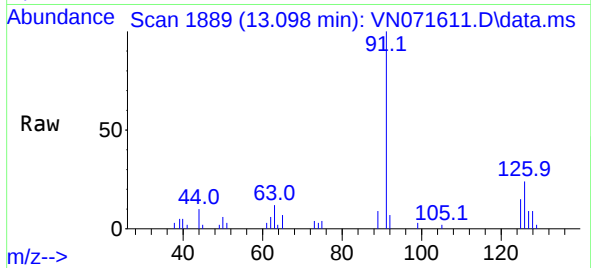




#82
4-Chlorotoluene
Concen: 0.658 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

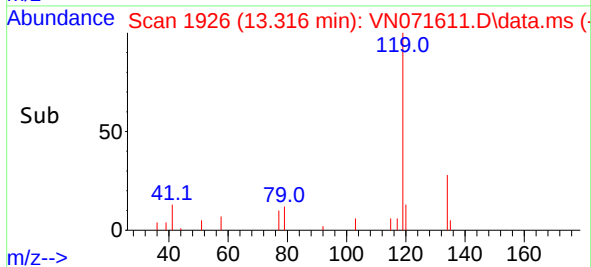
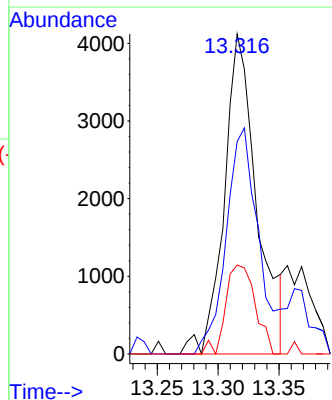
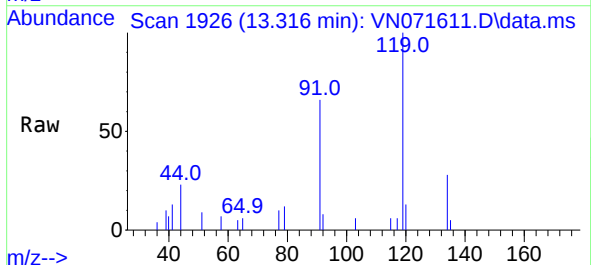
Instrument :
MSVOA_N
ClientSampleId :
IBLK

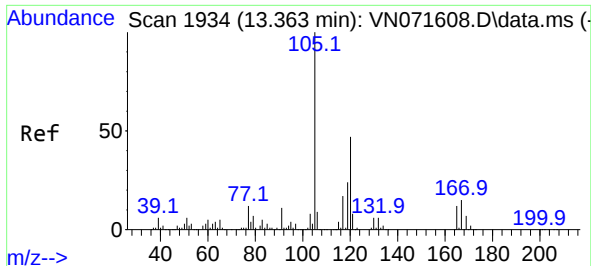
Tgt Ion: 91 Resp: 14893
Ion Ratio Lower Upper
91 100
126 32.2 17.2 51.6



#83
tert-Butylbenzene
Concen: 0.296 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 119 Resp: 7707
Ion Ratio Lower Upper
119 100
91 67.5 31.6 94.8
134 25.2 13.7 41.1

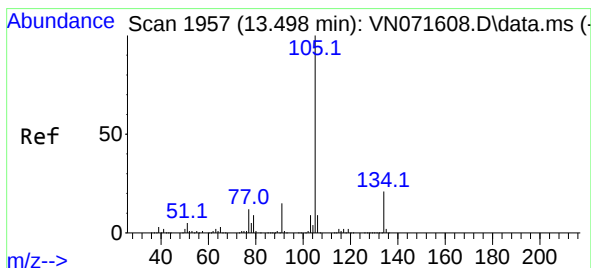
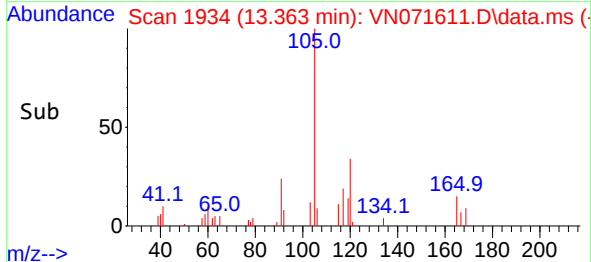
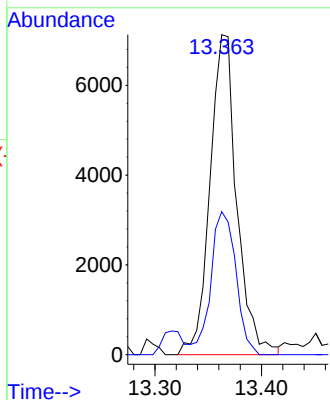
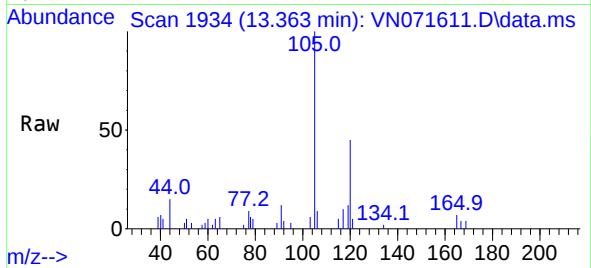




#84
1,2,4-Trimethylbenzene
Concen: 0.448 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

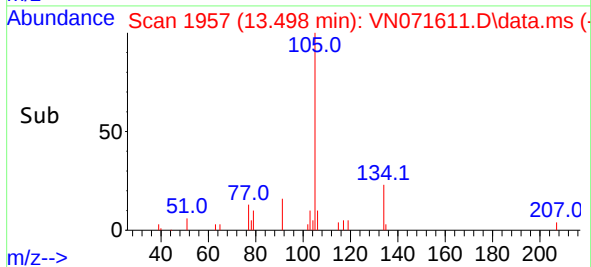
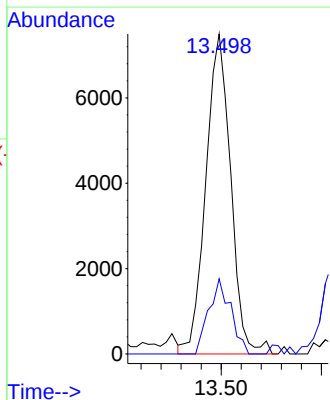
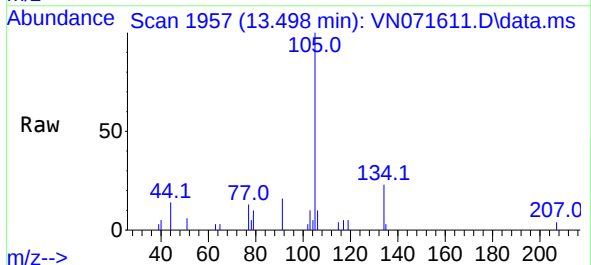
Instrument :
MSVOA_N
ClientSampleId :
IBLK

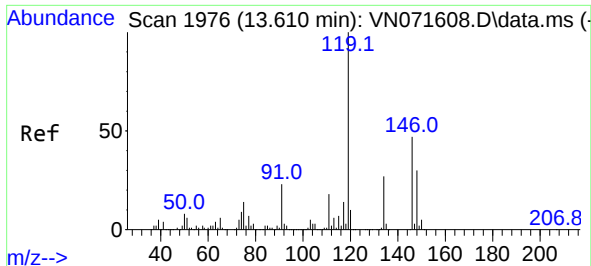
Tgt Ion:105 Resp: 12464
Ion Ratio Lower Upper
105 100
120 41.6 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.375 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion:105 Resp: 12912
Ion Ratio Lower Upper
105 100
134 20.7 10.4 31.1

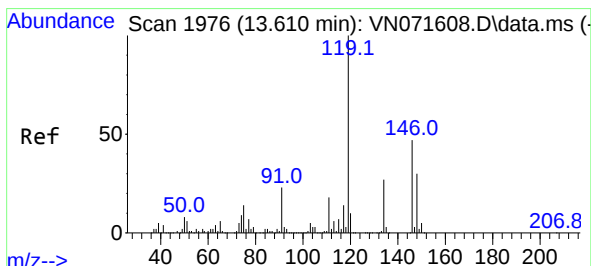
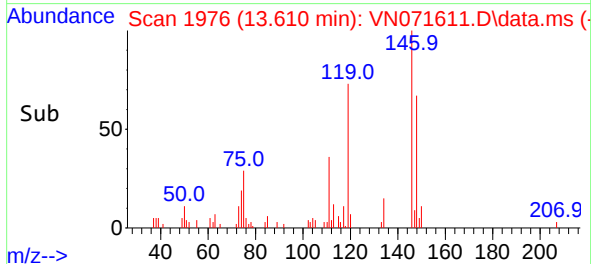
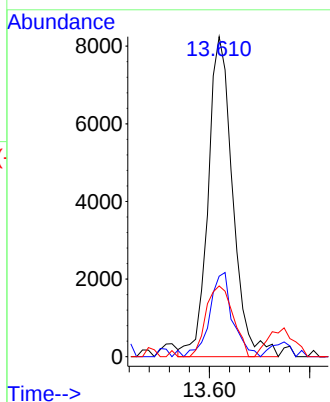
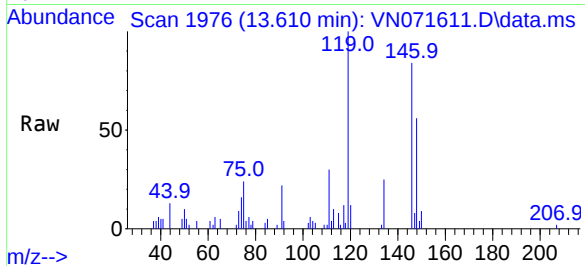




#86
p-Isopropyltoluene
Concen: 0.514 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

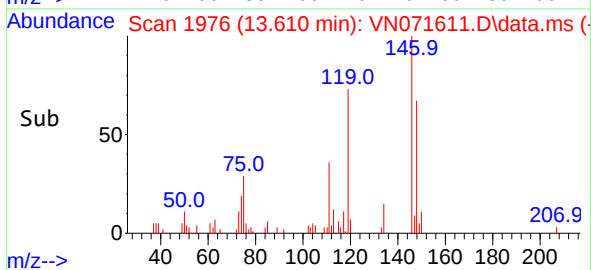
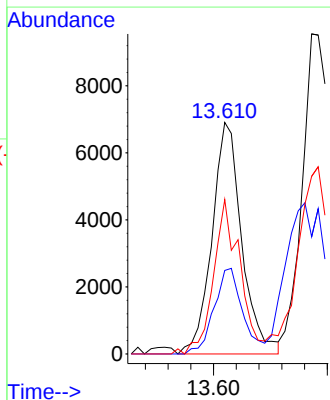
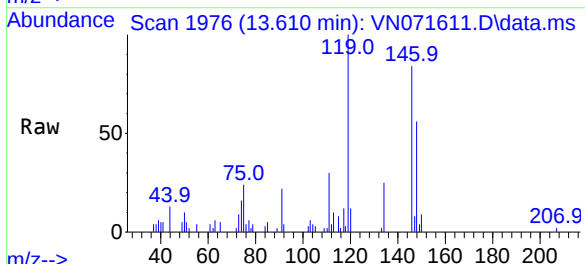
Instrument :
MSVOA_N
ClientSampleId :
IBLK

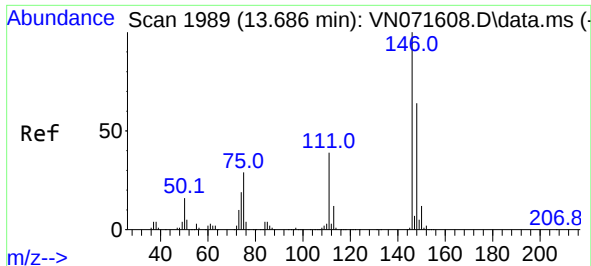
Tgt Ion:	119	Resp:	14066
Ion	Ratio	Lower	Upper
119	100		
134	24.5	13.3	39.8
91	24.3	11.3	33.9



#87
1,3-Dichlorobenzene
Concen: 0.862 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion:	146	Resp:	12584
Ion	Ratio	Lower	Upper
146	100		
111	35.7	20.0	60.0
148	59.6	32.0	96.0

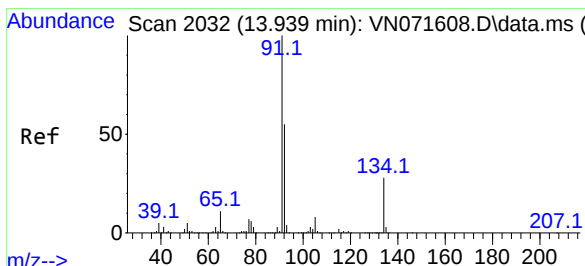
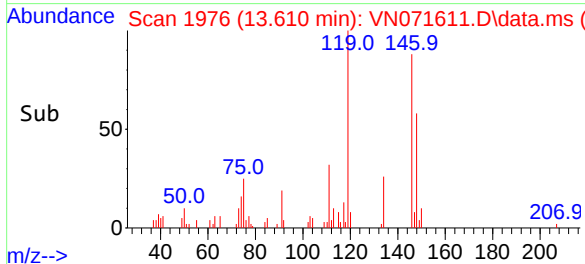
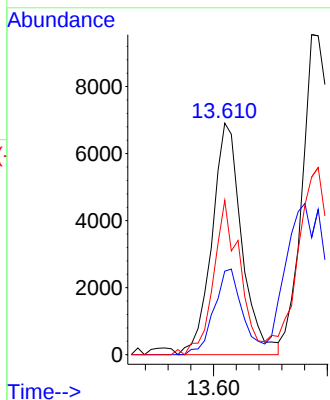
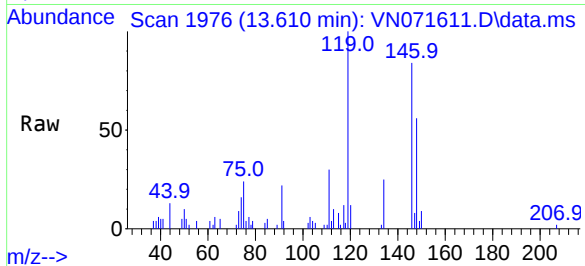




#88
1,4-Dichlorobenzene
Concen: 0.868 ug/l
RT: 13.610 min Scan# 1989
Delta R.T. -0.076 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

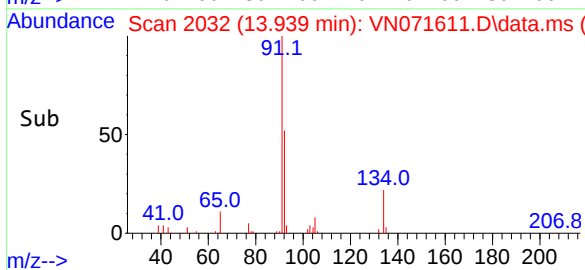
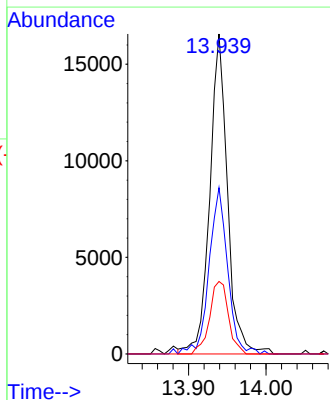
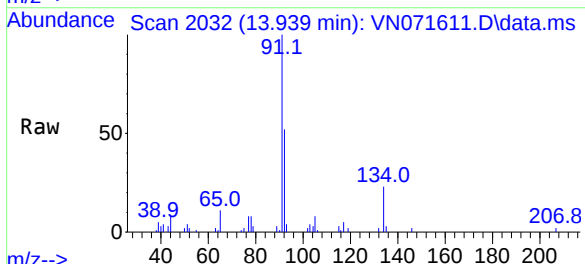
Instrument :
MSVOA_N
ClientSampleId :
IBLK

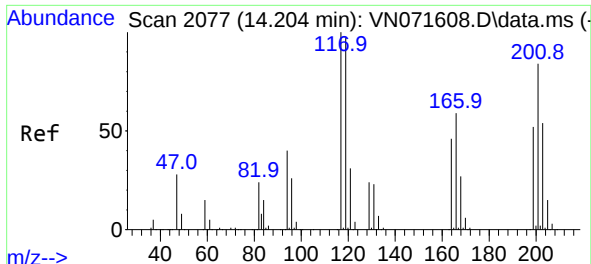
Tgt Ion:146	Resp:	12584
Ion	Ratio	Lower Upper
146	100	
111	35.7	19.1 57.1
148	59.6	31.4 94.3



#89
n-Butylbenzene
Concen: 1.274 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion: 91	Resp:	26321
Ion	Ratio	Lower Upper
91	100	
92	54.9	26.9 80.7
134	24.1	13.6 40.8

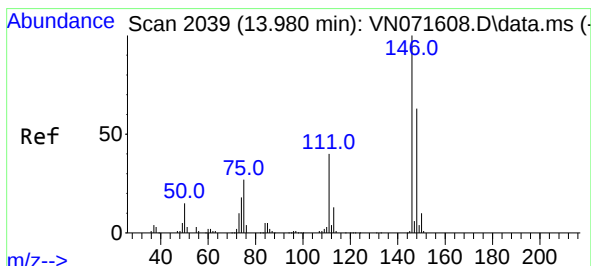
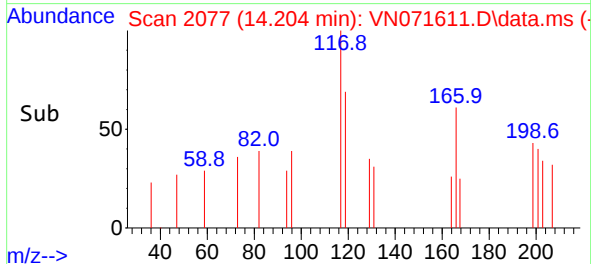
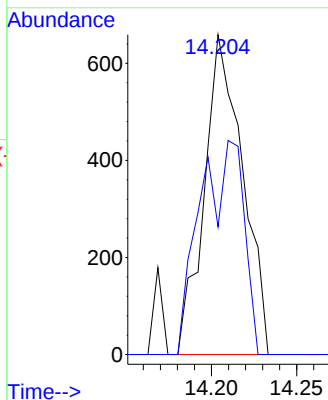
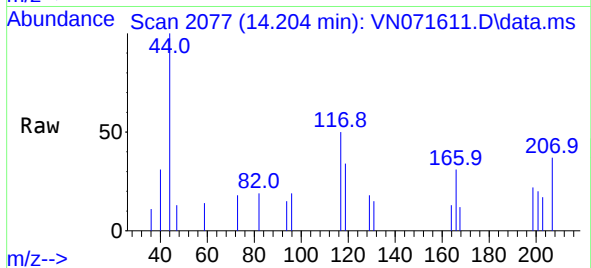




#90
Hexachloroethane
Concen: 0.201 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

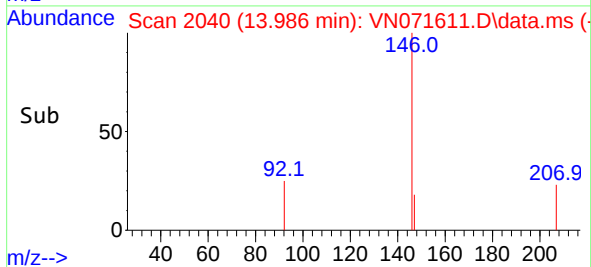
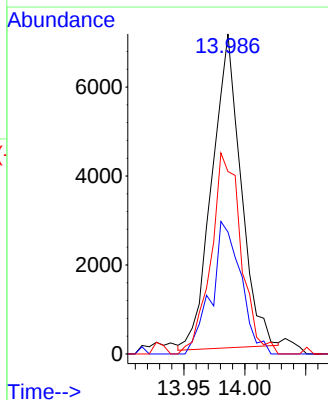
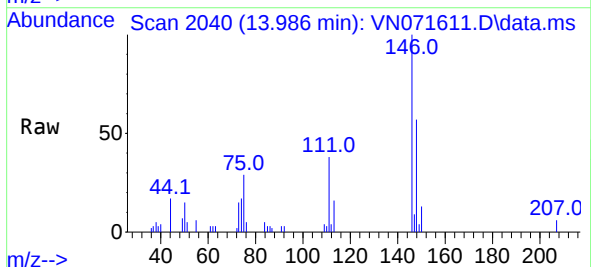
Instrument :
MSVOA_N
ClientSampleId :
IBLK

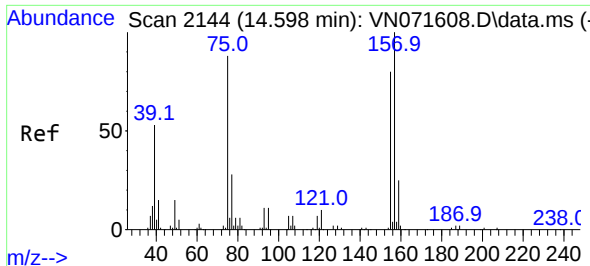
Tgt Ion:117 Resp: 1033
Ion Ratio Lower Upper
117 100
201 76.0 40.6 122.0



#91
1,2-Dichlorobenzene
Concen: 0.817 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion:146 Resp: 11684
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.8
148 66.5 32.1 96.3



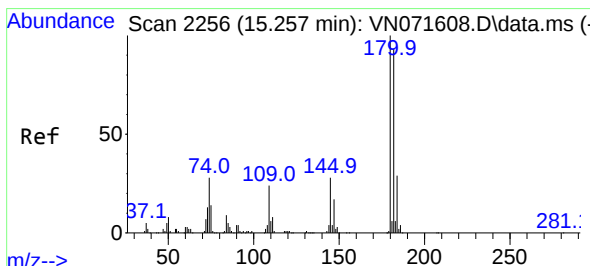
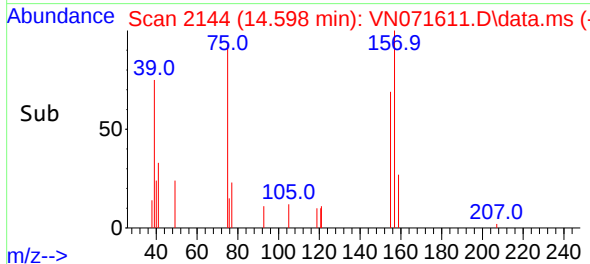
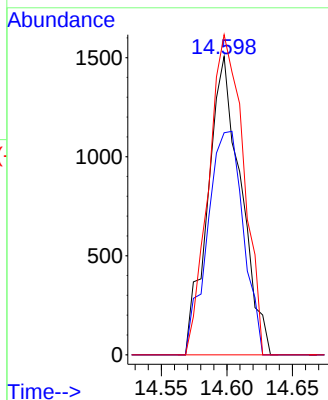
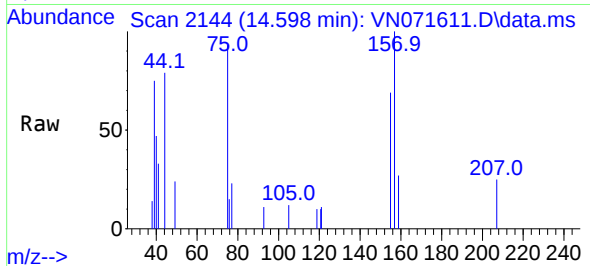


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.268 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: VN071611.D
 Acq: 28 Mar 2022 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 2638

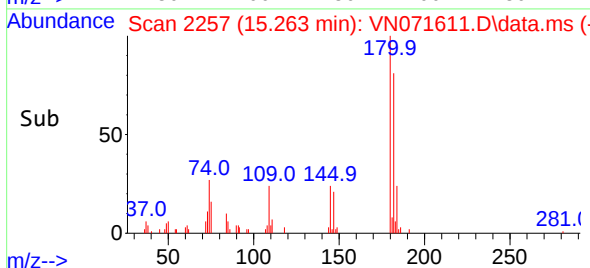
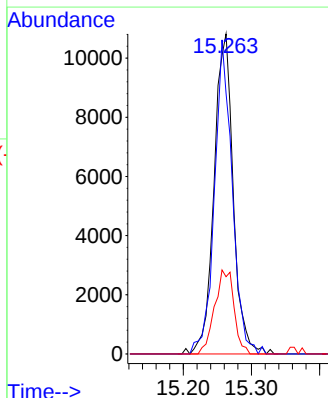
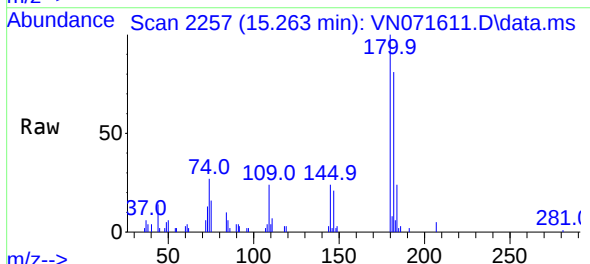
Ion	Ratio	Lower	Upper
75	100		
155	81.5	44.9	134.5
157	113.4	59.0	176.8

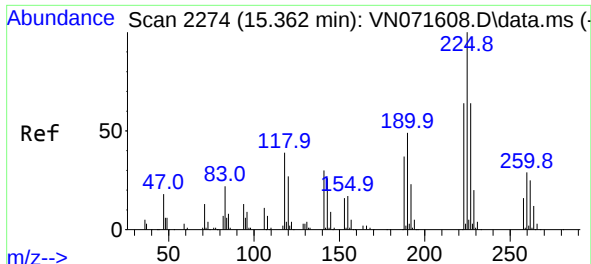


#93
 1,2,4-Trichlorobenzene
 Concen: 3.356 ug/l
 RT: 15.263 min Scan# 2257
 Delta R.T. 0.006 min
 Lab File: VN071611.D
 Acq: 28 Mar 2022 17:58

Tgt Ion: 180 Resp: 21199

Ion	Ratio	Lower	Upper
180	100		
182	91.0	47.5	142.5
145	26.4	14.5	43.5

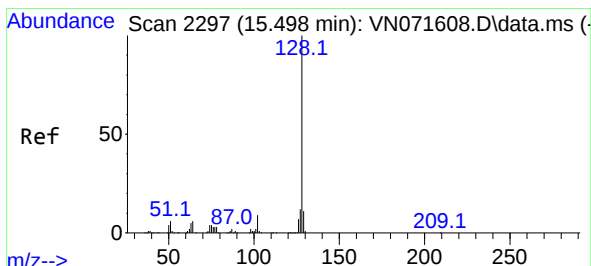
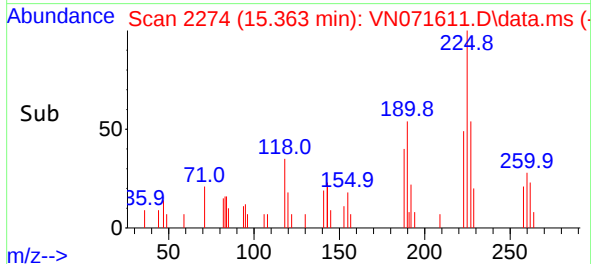
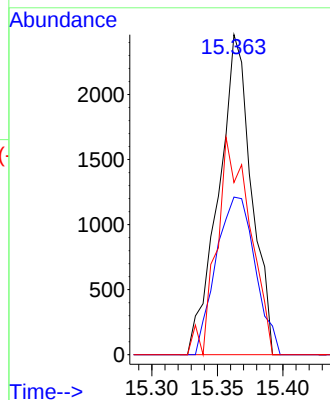
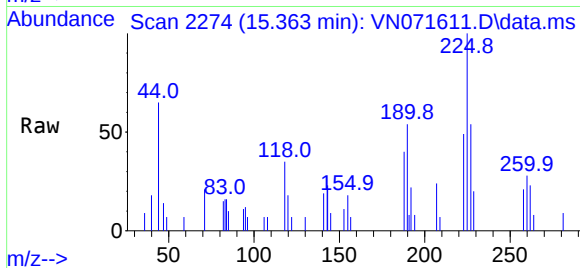




#94
Hexachlorobutadiene
Concen: 1.078 ug/l
RT: 15.363 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

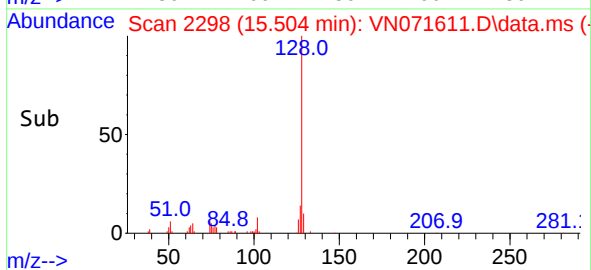
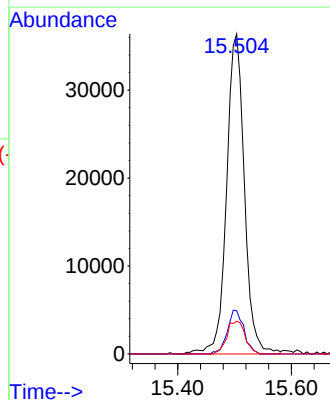
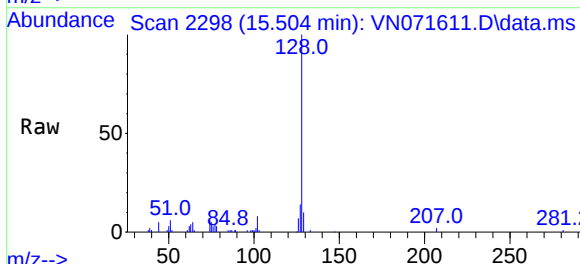
Instrument :
MSVOA_N
ClientSampleId :
IBLK

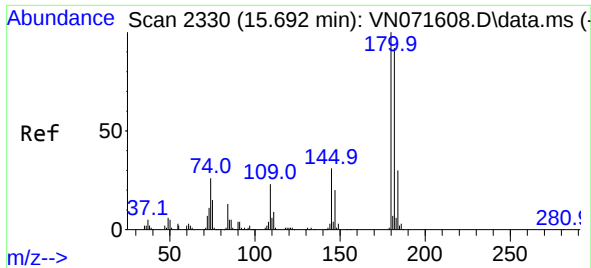
Tgt Ion:225 Resp: 4292
Ion Ratio Lower Upper
225 100
223 58.7 32.4 97.2
227 68.4 31.8 95.4



#95
Naphthalene
Concen: 8.228 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071611.D
Acq: 28 Mar 2022 17:58

Tgt Ion:128 Resp: 79423
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.5 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 3.798 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN071611.D
 Acq: 28 Mar 2022 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	24022
Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.8	143.3
145	32.4	15.5	46.5

