

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071643.D
 Acq On : 29 Mar 2022 19:42
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 30 06:08:32 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	701678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1164287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1155371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	487037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	390930	46.466	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.940%		
35) Dibromofluoromethane	8.016	113	323758	45.278	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.560%		
50) Toluene-d8	10.439	98	1444211	48.965	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.727	95	486669	50.579	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.160%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.440	62	191	0.021	ug/l #	43
5) Bromomethane	2.869	94	1003	0.190	ug/l #	71
7) Trichlorofluoromethane	3.381	101	130	0.012	ug/l #	18
10) Methyl Iodide	4.440	142	1677	0.175	ug/l #	57
14) Allyl chloride	4.846	41	117	0.012	ug/l #	24
15) Acrylonitrile	5.557	53	690	0.166	ug/l #	31
17) Carbon Disulfide	4.528	76	2506	0.160	ug/l #	83
20) Methylene Chloride	5.093	84	1038	0.135	ug/l #	33
21) trans-1,2-Dichloroethene	5.604	96	175	0.026	ug/l #	44
22) Diisopropyl ether	6.316	45	65	0.003	ug/l #	34
23) Vinyl Acetate	6.428	43	564	0.031	ug/l #	68
25) 2-Butanone	7.351	43	1034	0.192	ug/l	97
27) cis-1,2-Dichloroethene	7.334	96	130	0.016	ug/l #	12
30) Chloroform	7.816	83	183	0.014	ug/l #	18
37) Ethyl Acetate	7.392	43	158	0.014	ug/l #	67
39) Methylcyclohexane	9.451	83	168	0.013	ug/l #	19
40) Benzene	8.451	78	1258	0.040	ug/l #	89
41) Methacrylonitrile	7.681	41	104	0.019	ug/l #	16
42) 1,2-Dichloroethane	8.522	62	1022	0.094	ug/l #	74
44) Trichloroethene	9.222	130	315	0.038	ug/l	67
46) Dibromomethane	9.569	93	115	0.022	ug/l #	30
48) Methyl methacrylate	9.557	41	221	0.027	ug/l #	64
52) Toluene	10.504	92	818	0.040	ug/l #	61
53) t-1,3-Dichloropropene	10.716	75	62	0.005	ug/l #	86
54) cis-1,3-Dichloropropene	10.181	75	208	0.017	ug/l #	36
55) 1,1,2-Trichloroethane	10.886	97	145	0.018	ug/l #	16
56) Ethyl methacrylate	10.763	69	396	0.032	ug/l #	83
57) 1,3-Dichloropropane	11.045	76	271	0.020	ug/l #	42
60) Dibromochloromethane	11.228	129	56	0.007	ug/l #	11
61) 1,2-Dibromoethane	11.339	107	157	0.019	ug/l	99
64) Tetrachloroethene	10.969	164	296	0.037	ug/l #	47
65) Chlorobenzene	11.769	112	1390	0.058	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.833	131	62	0.007	ug/l #	8
67) Ethyl Benzene	11.839	91	3333	0.080	ug/l #	87
68) m/p-Xylenes	11.951	106	1591	0.101	ug/l	95
69) o-Xylene	12.280	106	630	0.040	ug/l	56

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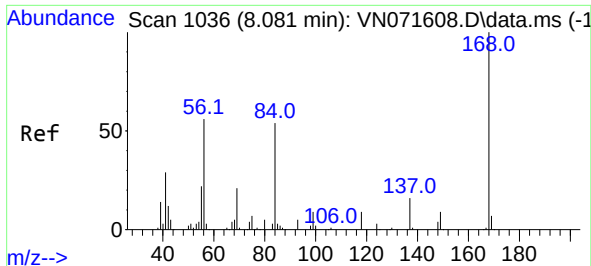
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 30 06:08:32 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)	

70) Styrene	12.286	104	1737	0.072	ug/l #	79	
73) Isopropylbenzene	12.580	105	1662	0.039	ug/l #	73	
75) 1,1,2,2-Tetrachloroethane	12.833	83	1082	0.076	ug/l #	74	
78) n-propylbenzene	12.916	91	5303	0.115	ug/l	96	
79) 2-Chlorotoluene	13.104	91	2982	0.104	ug/l	98	
80) 1,3,5-Trimethylbenzene	13.057	105	1599	0.048	ug/l	95	
82) 4-Chlorotoluene	13.104	91	2982	0.111	ug/l	97	
83) tert-Butylbenzene	13.316	119	2083	0.067	ug/l #	59	
84) 1,2,4-Trimethylbenzene	13.357	105	3423	0.104	ug/l	92	
85) sec-Butylbenzene	13.504	105	3172	0.078	ug/l	96	
86) p-Isopropyltoluene	13.610	119	3089	0.095	ug/l	80	
87) 1,3-Dichlorobenzene	13.621	146	2616	0.151	ug/l	94	
88) 1,4-Dichlorobenzene	13.621	146	2616	0.152	ug/l	93	
90) Hexachloroethane	14.192	117	272	0.045	ug/l #	9	
91) 1,2-Dichlorobenzene	13.980	146	2016	0.119	ug/l	86	
94) Hexachlorobutadiene	15.357	225	619	0.131	ug/l	69	
95) Naphthalene	15.504	128	75577	7.533	ug/l	95	

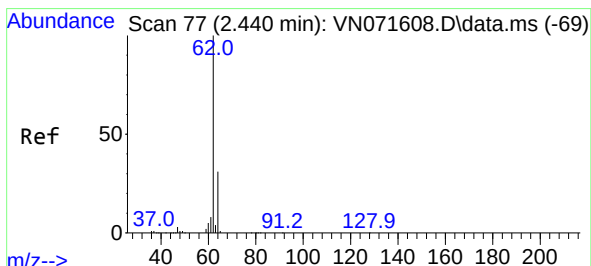
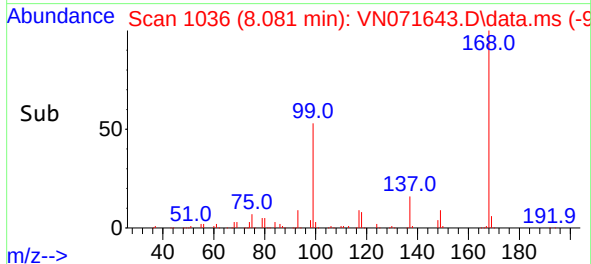
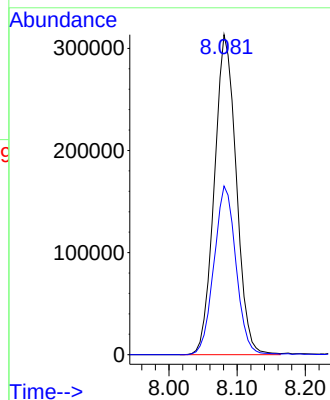
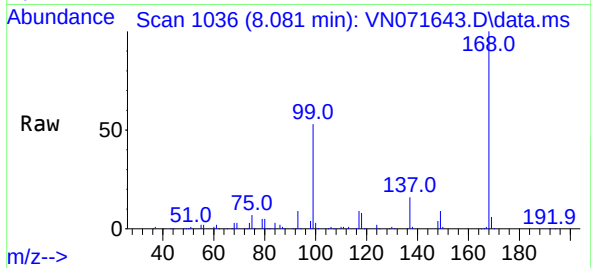
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

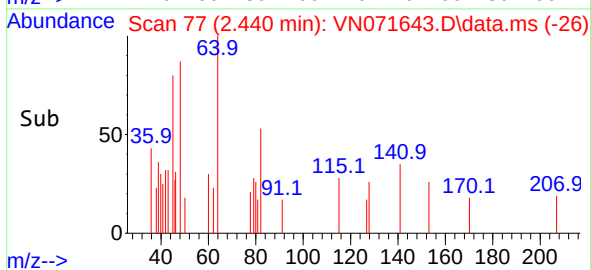
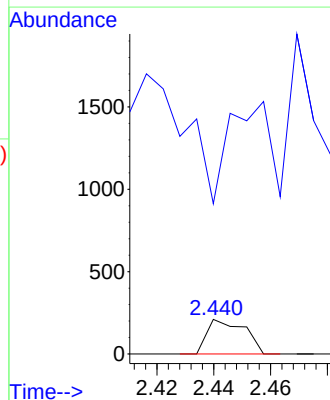
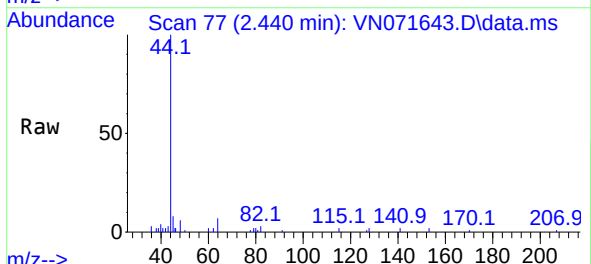
Instrument :
MSVOA_N
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IBLK

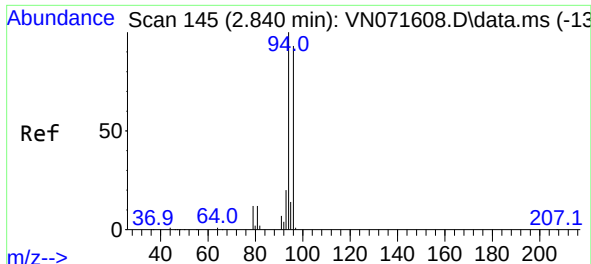
Tgt Ion:168 Resp: 701678
Ion Ratio Lower Upper
168 100
99 52.7 42.3 63.5



#4
Vinyl Chloride
Concen: 0.021 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 62 Resp: 191
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.4#

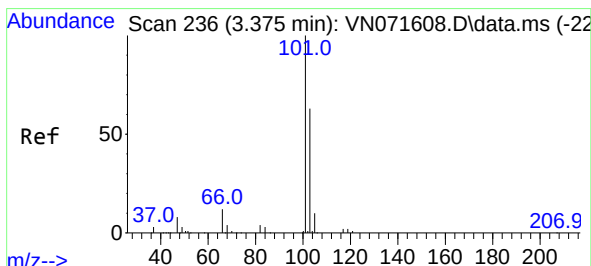
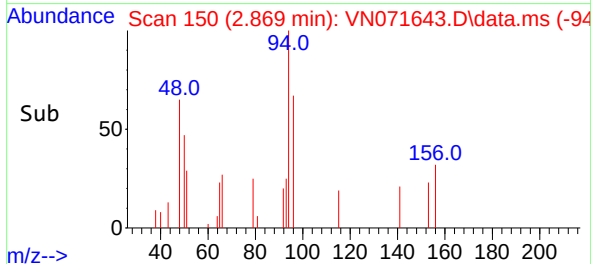
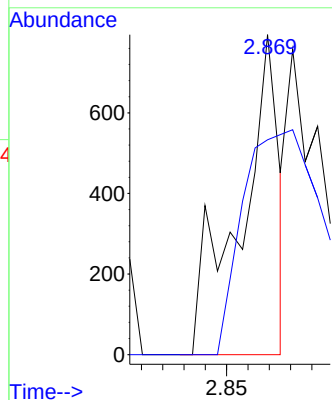
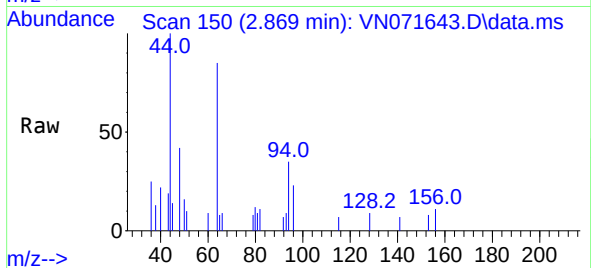




#5
Bromomethane
Concen: 0.190 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

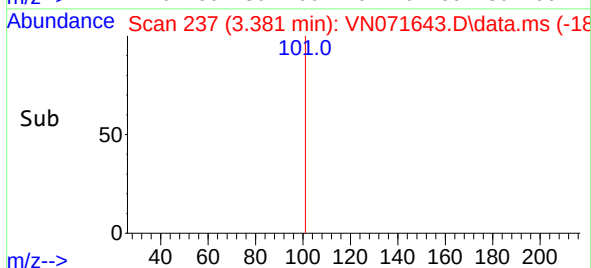
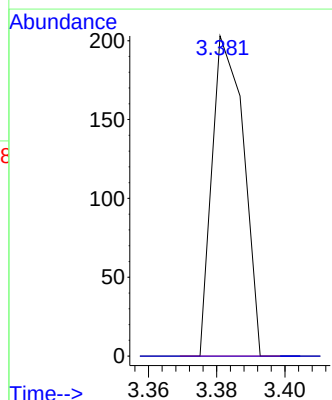
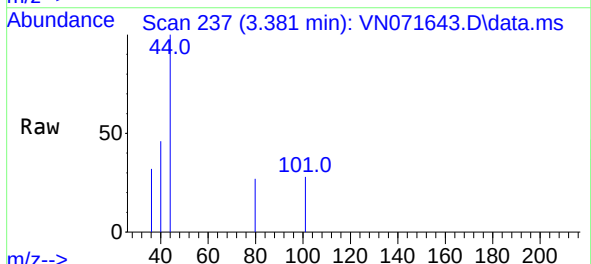
Instrument :
MSVOA_N
ClientSampleId :
IBLK

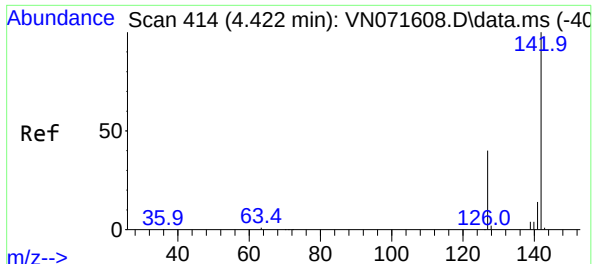
Tgt Ion: 94 Resp: 1003
Ion Ratio Lower Upper
94 100
96 67.1 76.0 114.0#



#7
Trichlorofluoromethane
Concen: 0.012 ug/l
RT: 3.381 min Scan# 237
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion:101 Resp: 130
Ion Ratio Lower Upper
101 100
103 0.0 51.5 77.3#

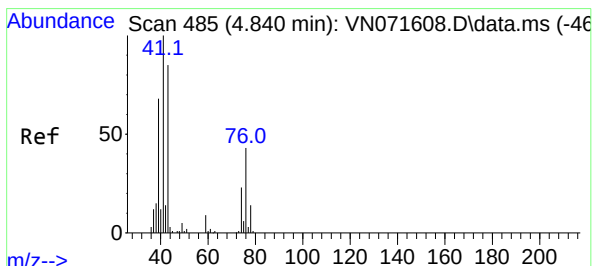
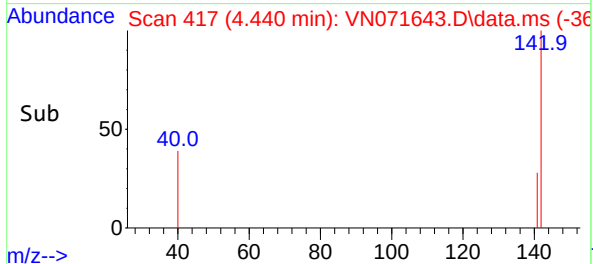
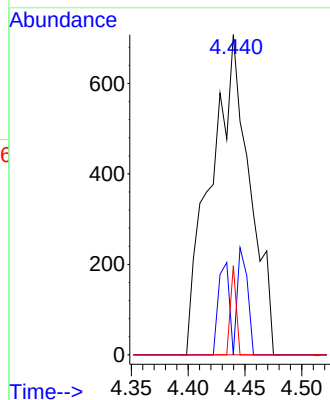
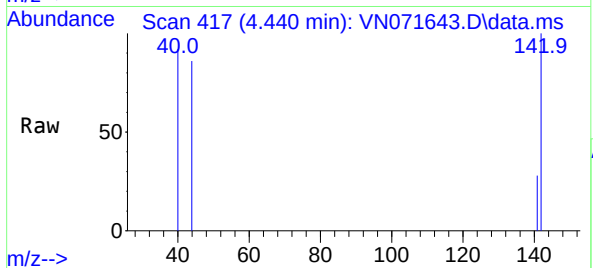




#10
Methyl Iodide
Concen: 0.175 ug/l
RT: 4.440 min Scan# 414
Delta R.T. 0.018 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

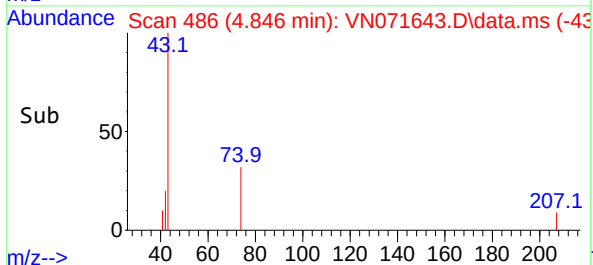
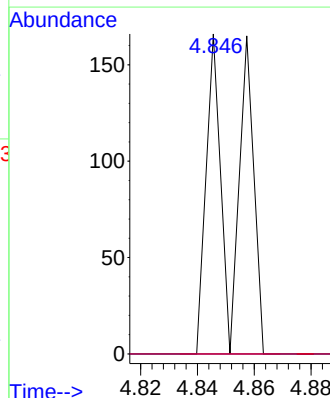
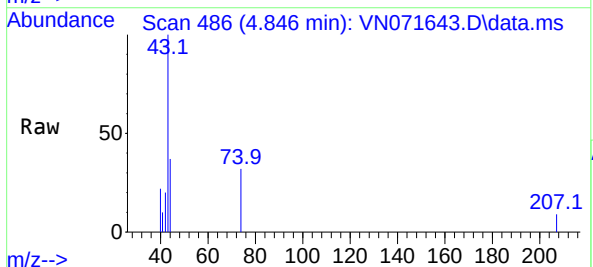
Instrument :
MSVOA_N
ClientSampleId :
IBLK

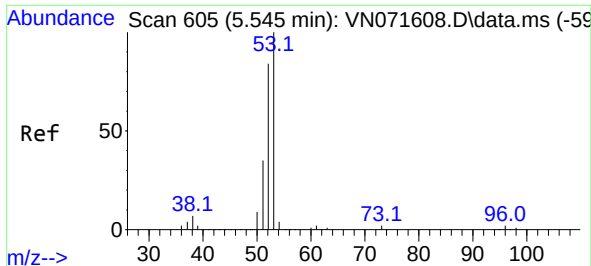
Tgt Ion:142 Resp: 1677
Ion Ratio Lower Upper
142 100
127 8.6 31.3 46.9#
141 4.2 11.2 16.8#



#14
Allyl chloride
Concen: 0.012 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 41 Resp: 117
Ion Ratio Lower Upper
41 100
39 0.0 53.2 79.8#
76 0.0 29.9 44.9#

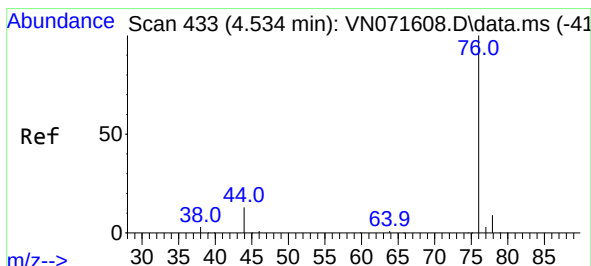
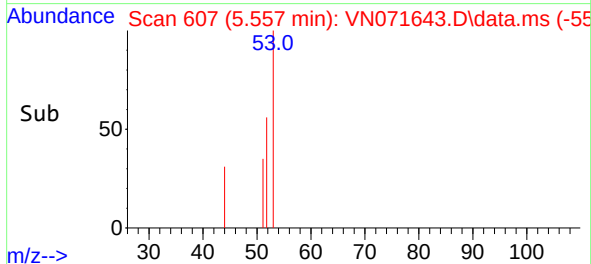
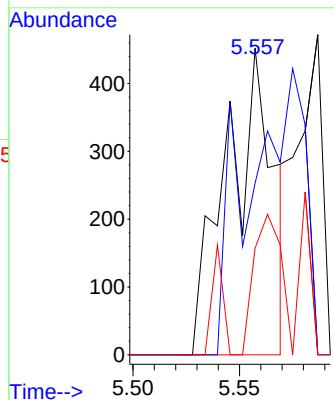
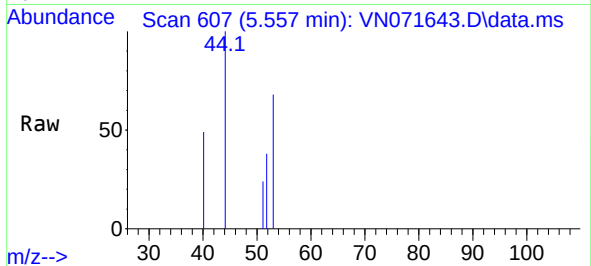




#15
Acrylonitrile
Concen: 0.166 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

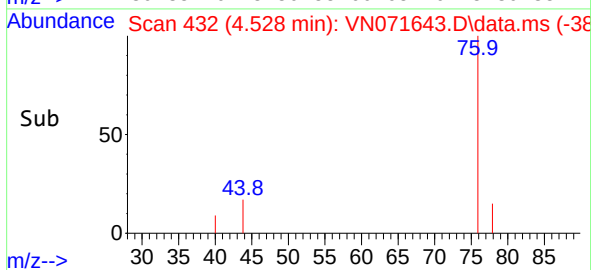
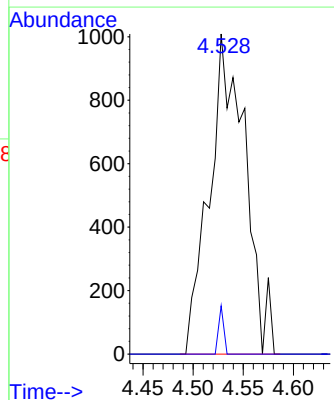
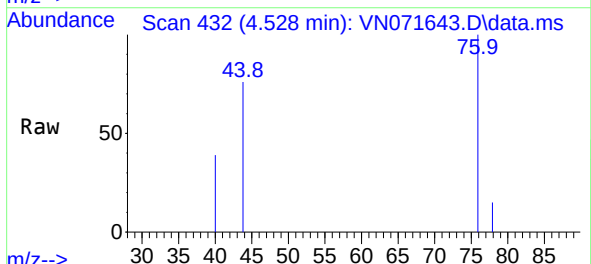
Instrument :
MSVOA_N
ClientSampleId :
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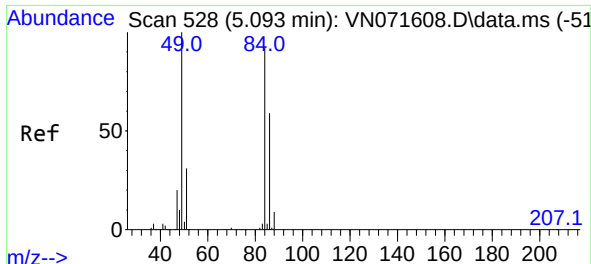
Tgt Ion: 53 Resp: 690
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 27.0 28.5 42.7#



#17
Carbon Disulfide
Concen: 0.160 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 76 Resp: 2506
Ion Ratio Lower Upper
76 100
78 15.1 7.2 10.8#



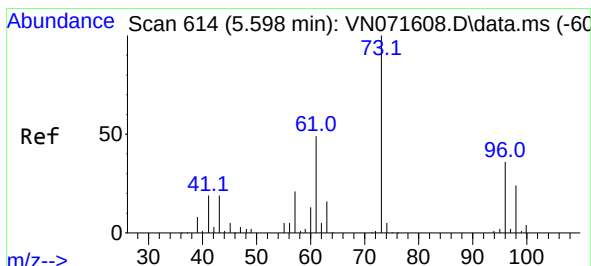
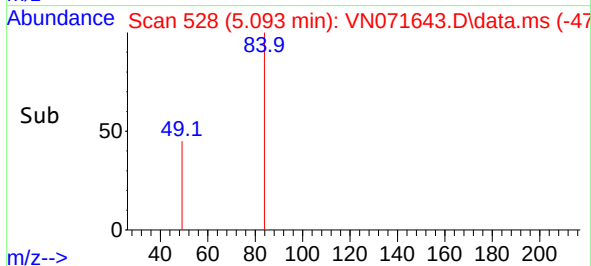
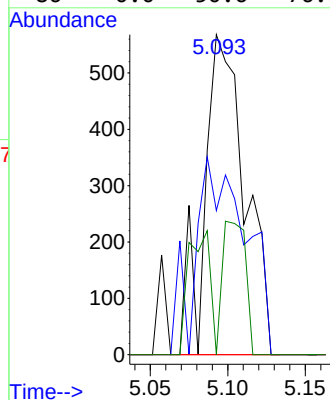
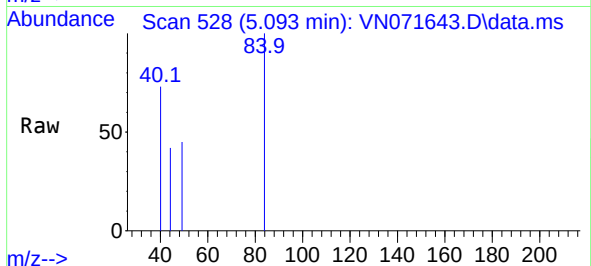


#20
Methylene Chloride
Concen: 0.135 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1038

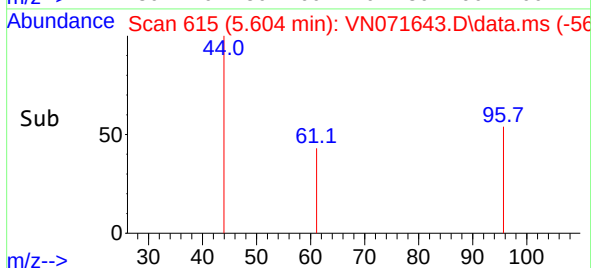
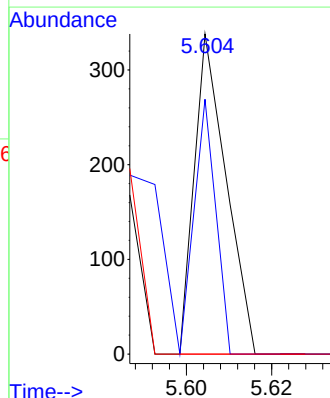
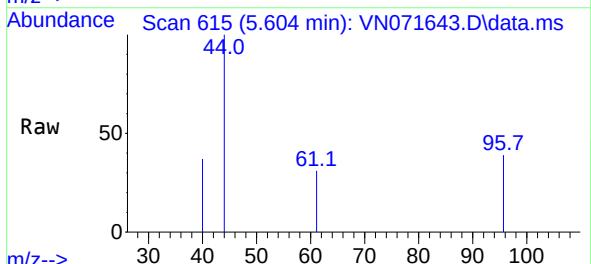
Ion	Ratio	Lower	Upper
84	100		
49	45.1	88.3	132.5#
51	0.0	28.2	42.2#
86	0.0	50.6	76.0#

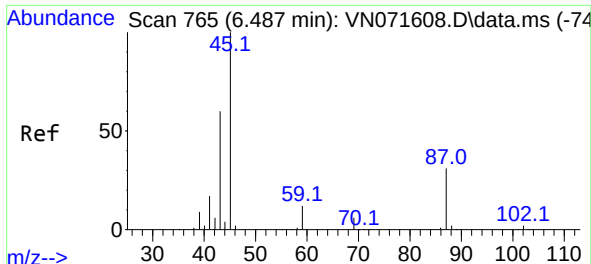


#21
trans-1,2-Dichloroethene
Concen: 0.026 ug/l
RT: 5.604 min Scan# 615
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 96 Resp: 175

Ion	Ratio	Lower	Upper
96	100		
61	79.6	105.8	158.8#
98	0.0	50.3	75.5#

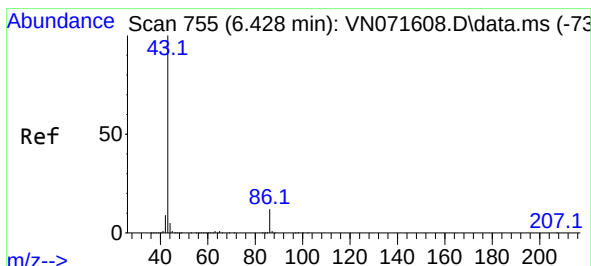
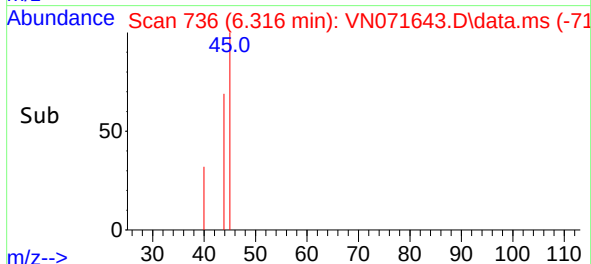
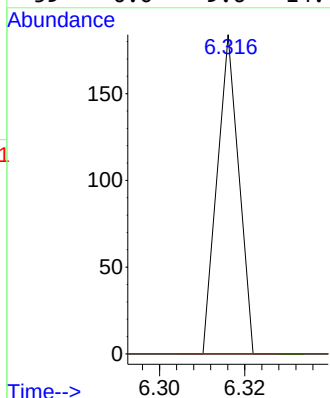
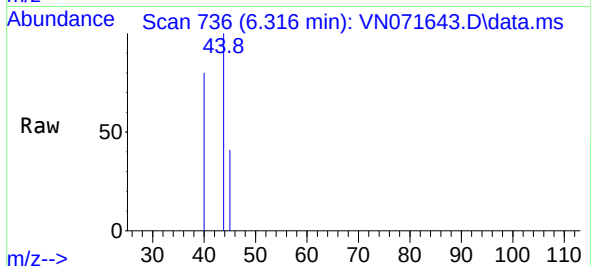




#22
Diisopropyl ether
Concen: 0.003 ug/l
RT: 6.316 min Scan# 716
Delta R.T. -0.170 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

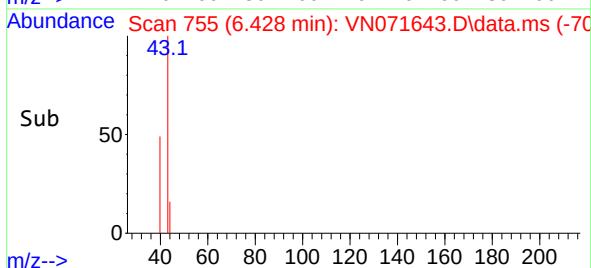
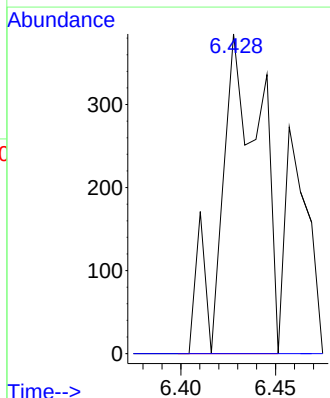
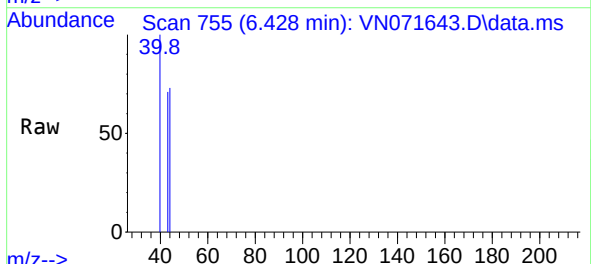
Instrument :
MSVOA_N
ClientSampleId :
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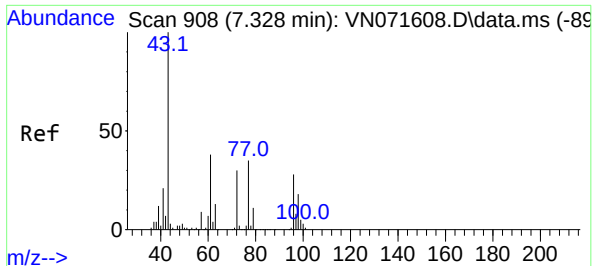
Tgt Ion: 45	Resp: 65
Ion Ratio	Lower Upper
45 100	
43 0.0	46.6 70.0#
87 0.0	24.3 36.5#
59 0.0	9.6 14.4#



#23
Vinyl Acetate
Concen: 0.031 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 43	Resp: 564		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.0	15.0#	





#25

2-Butanone

Concen: 0.192 ug/l

RT: 7.351 min Scan# 912

Delta R.T. 0.024 min

Lab File: VN071643.D

Acq: 29 Mar 2022 19:42

Instrument :

MSVOA_N

ClientSampleId :

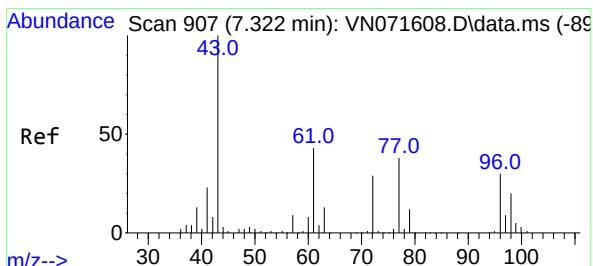
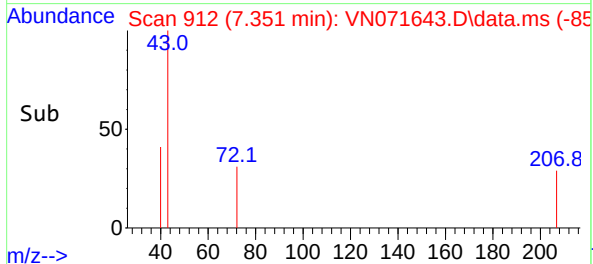
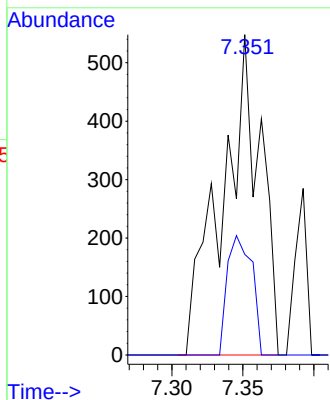
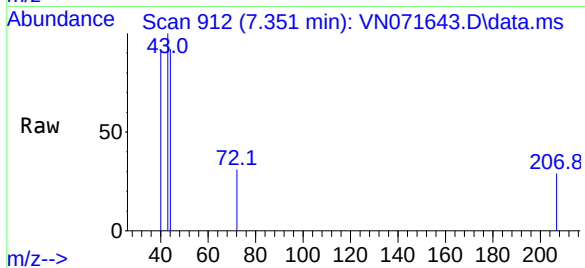
IBLK

Tgt Ion: 43 Resp: 1034

Ion Ratio Lower Upper

43 100

72 31.4 23.7 35.5



#27

cis-1,2-Dichloroethene

Concen: 0.016 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.012 min

Lab File: VN071643.D

Acq: 29 Mar 2022 19:42

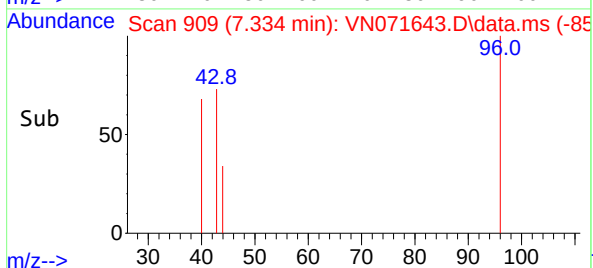
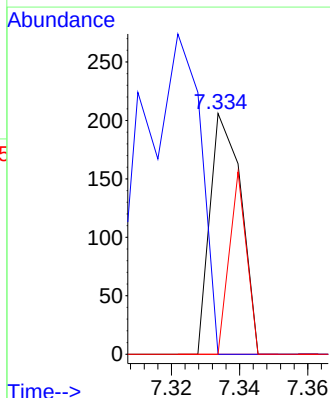
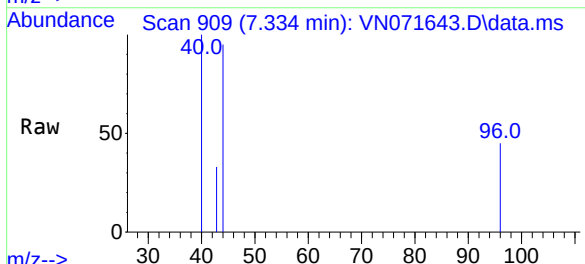
Tgt Ion: 96 Resp: 130

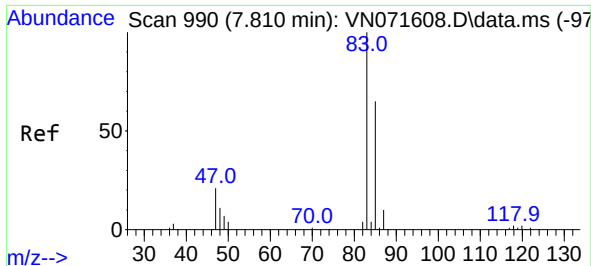
Ion Ratio Lower Upper

96 100

61 0.0 0.0 280.6

98 42.3 0.0 128.4





#30

Chloroform

Concen: 0.014 ug/l

RT: 7.816 min Scan# 990

Delta R.T. 0.006 min

Lab File: VN071643.D

Acq: 29 Mar 2022 19:42

Instrument :

MSVOA_N

ClientSampleId :

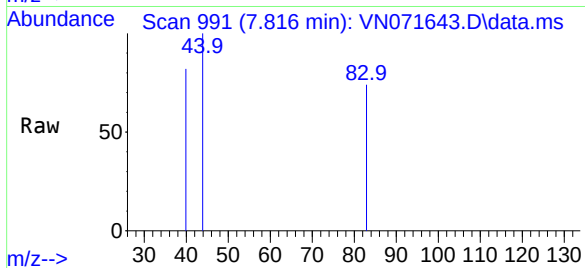
IBLK

Tgt Ion: 83 Resp: 183

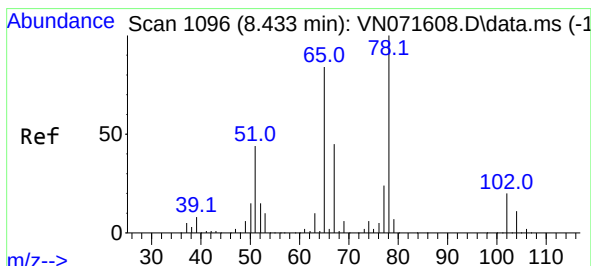
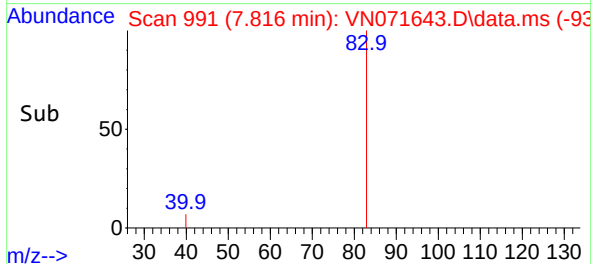
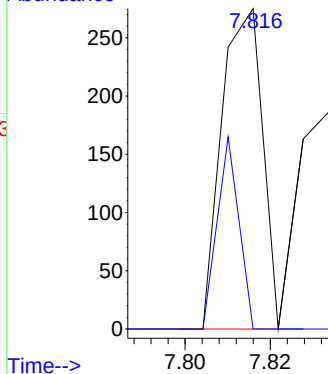
Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.8#



Abundance



#33

1,2-Dichloroethane-d4

Concen: 46.466 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN071643.D

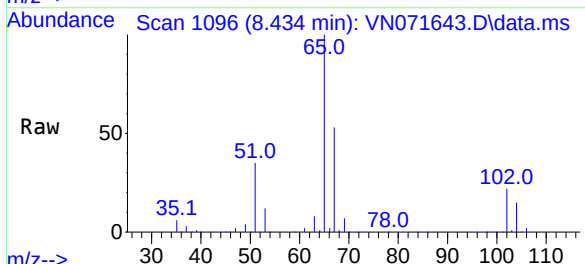
Acq: 29 Mar 2022 19:42

Tgt Ion: 65 Resp: 390930

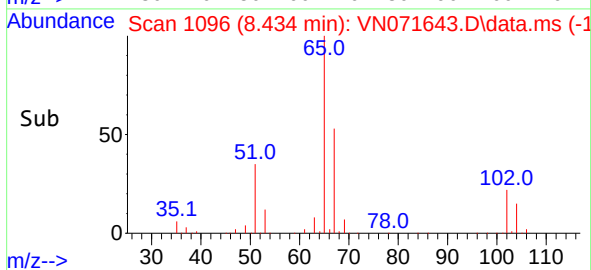
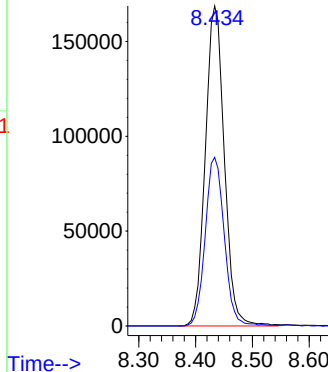
Ion Ratio Lower Upper

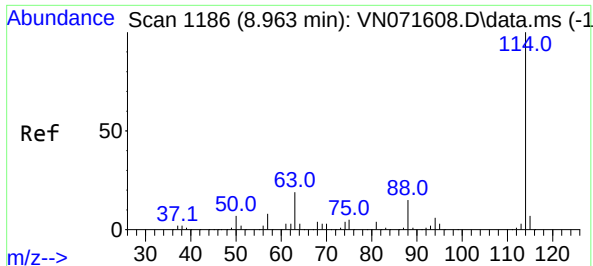
65 100

67 52.8 0.0 104.8



Abundance

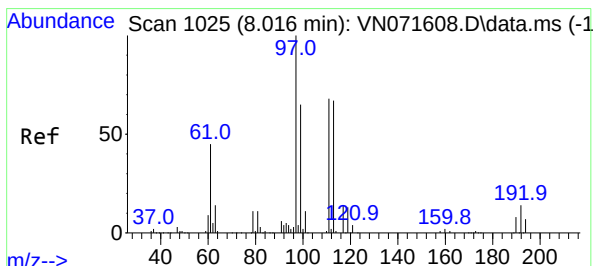
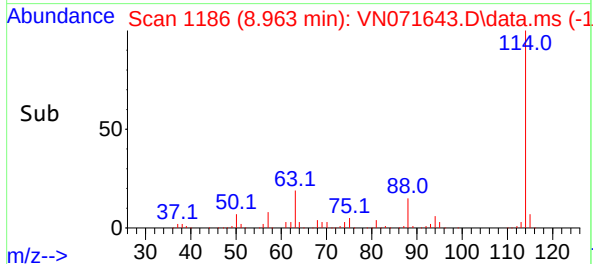
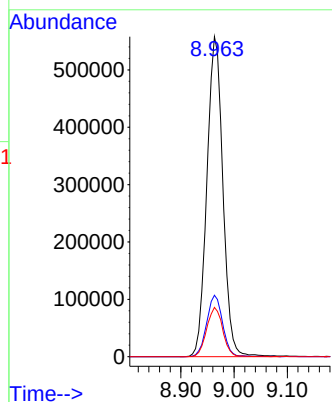
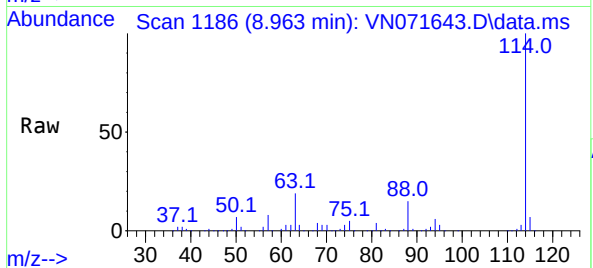




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

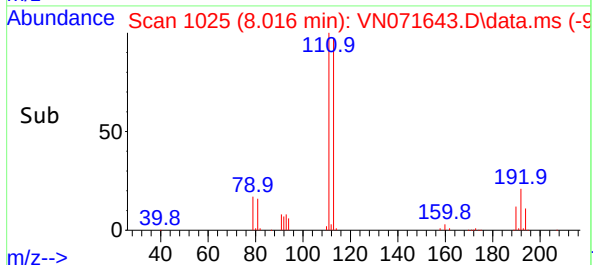
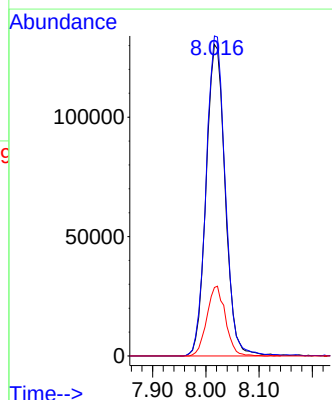
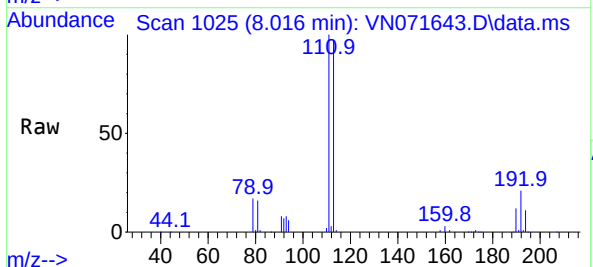
Instrument :
MSVOA_N
ClientSampleId :
IBLK

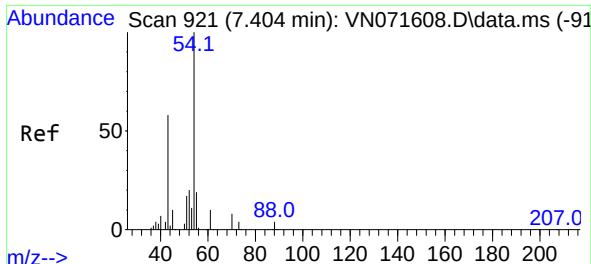
Tgt Ion:114 Resp: 1164287
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.278 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion:113 Resp: 323758
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 21.9 17.0 25.6

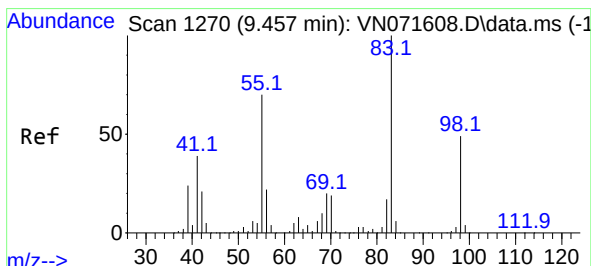
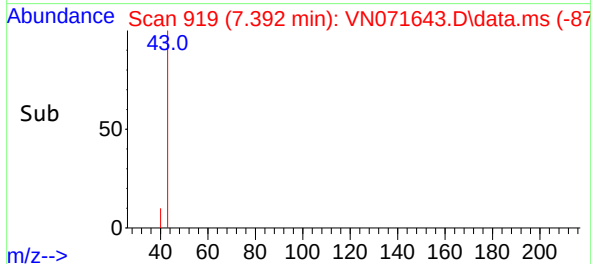
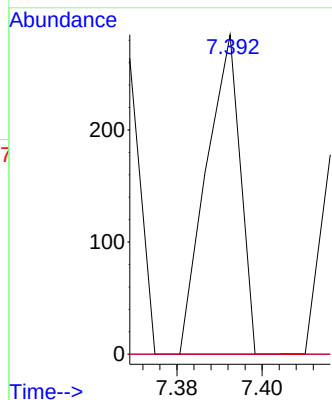
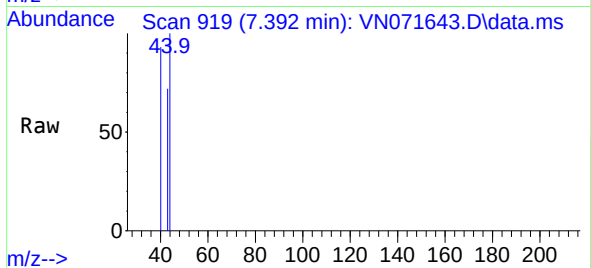




#37
Ethyl Acetate
Concen: 0.014 ug/l
RT: 7.392 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

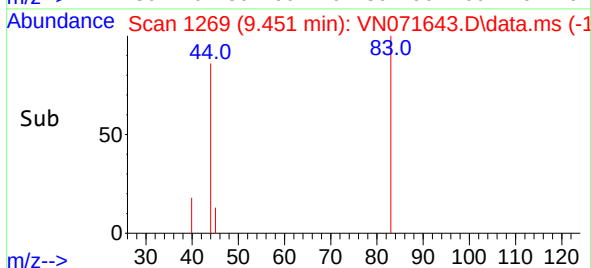
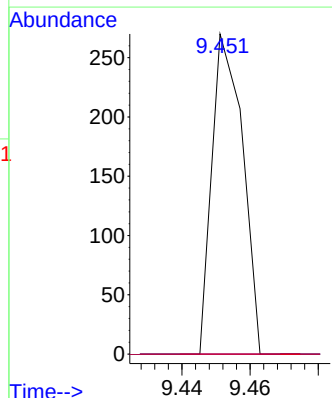
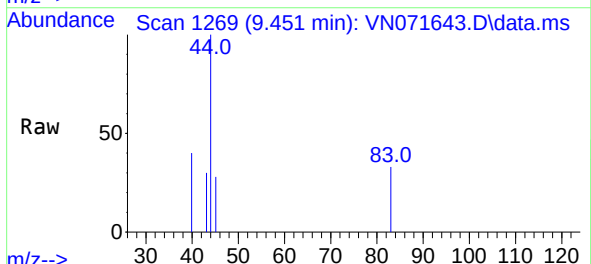
Instrument :
MSVOA_N
ClientSampleId :
IBLK

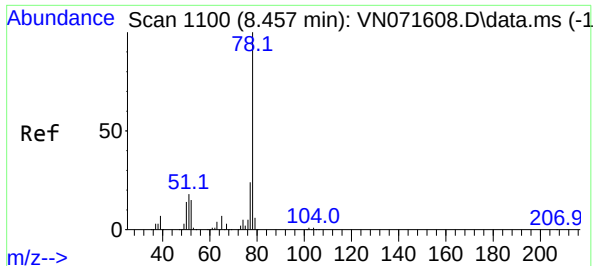
Tgt Ion:	43	Resp:	158
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.3	13.9#



#39
Methylcyclohexane
Concen: 0.013 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion:	83	Resp:	168
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	0.0	39.4	59.2#

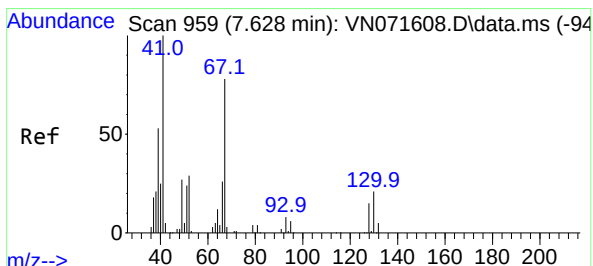
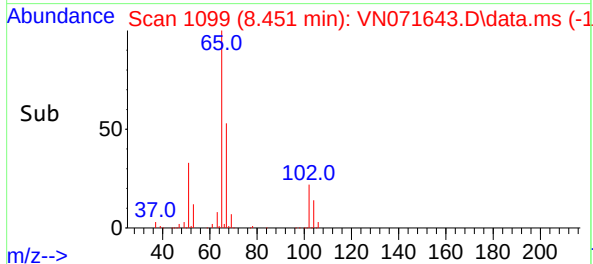
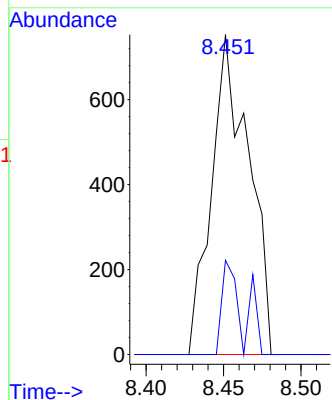
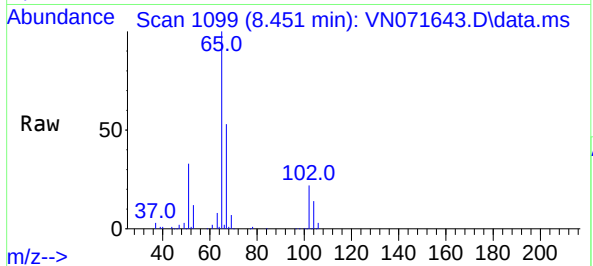




#40
Benzene
Concen: 0.040 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

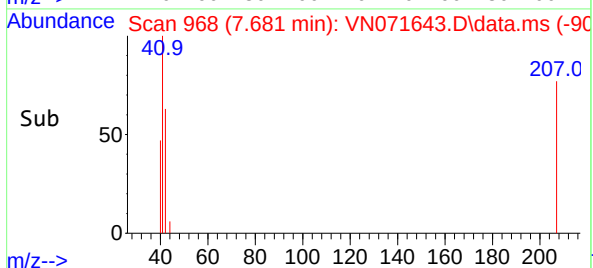
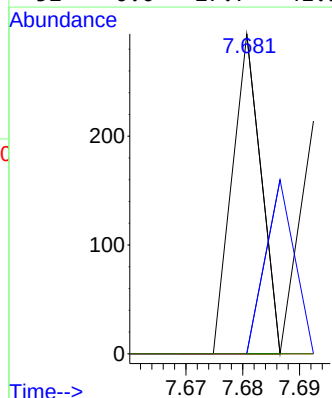
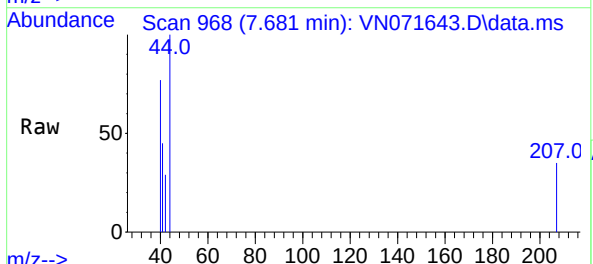
Instrument :
MSVOA_N
ClientSampleId :
IBLK

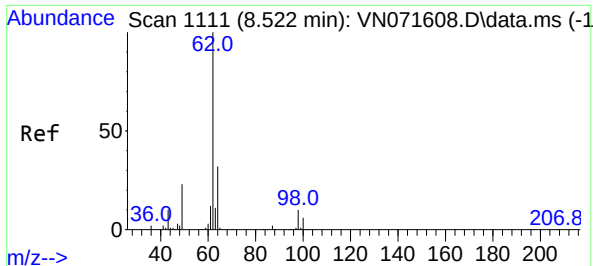
Tgt Ion: 78 Resp: 1258
Ion Ratio Lower Upper
78 100
77 29.5 19.4 29.0#



#41
Methacrylonitrile
Concen: 0.019 ug/l
RT: 7.681 min Scan# 968
Delta R.T. 0.053 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 41 Resp: 104
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

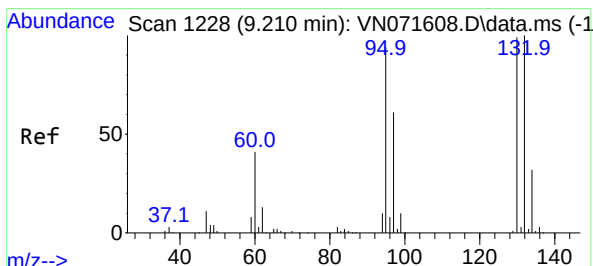
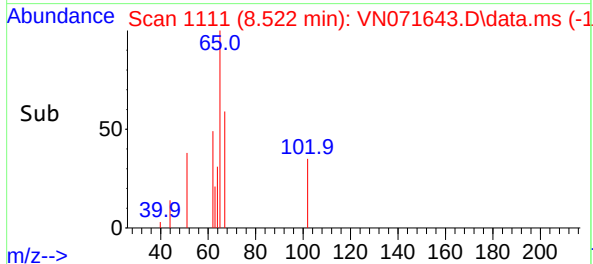
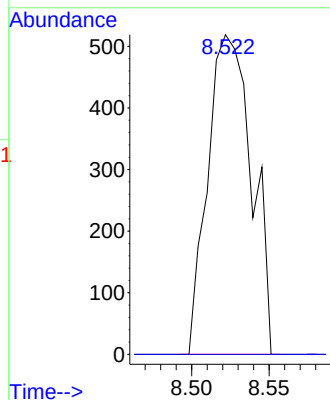
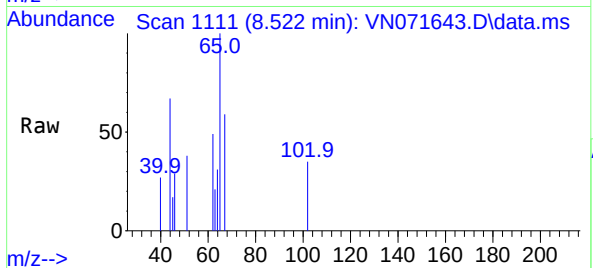




#42
1,2-Dichloroethane
Concen: 0.094 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

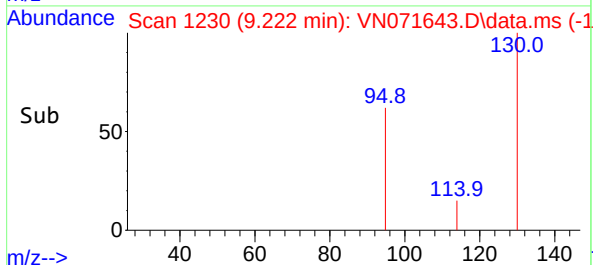
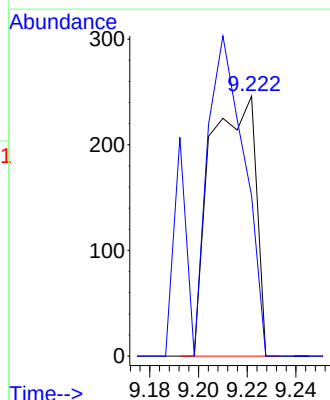
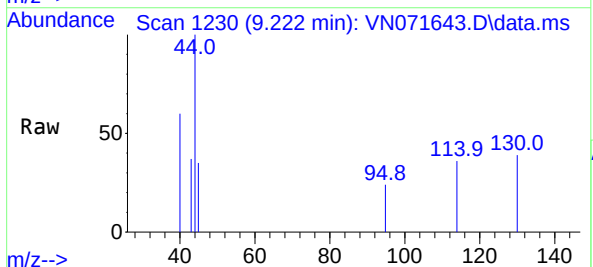
Instrument :
MSVOA_N
ClientSampleId :
IBLK

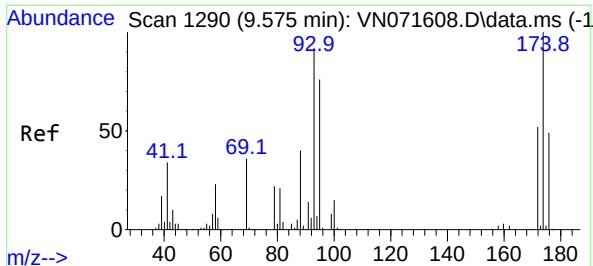
Tgt Ion: 62 Resp: 1022
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#44
Trichloroethene
Concen: 0.038 ug/l
RT: 9.222 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 130 Resp: 315
Ion Ratio Lower Upper
130 100
95 61.8 0.0 186.8

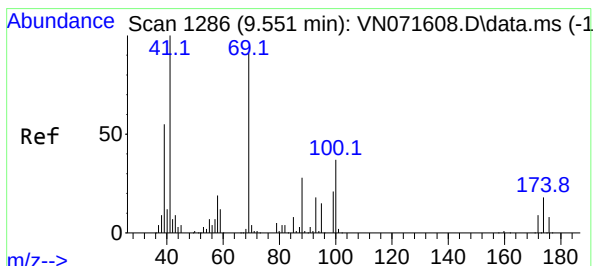
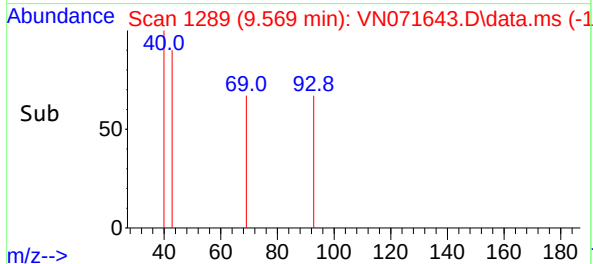
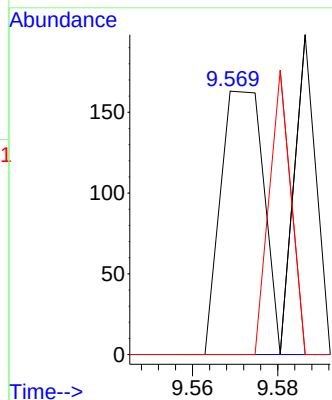
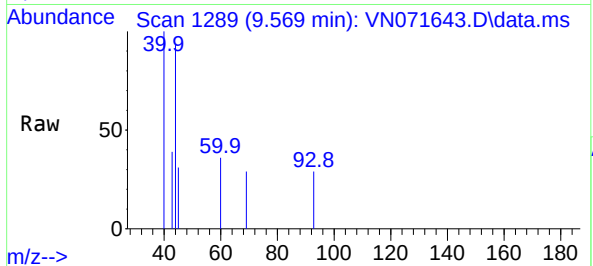




#46
Dibromomethane
Concen: 0.022 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

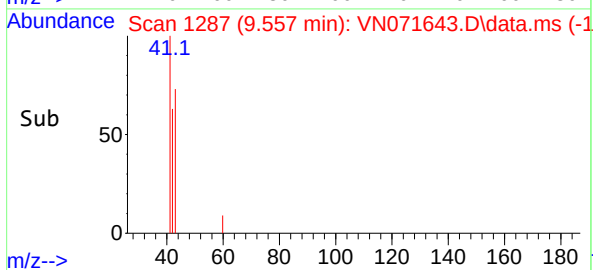
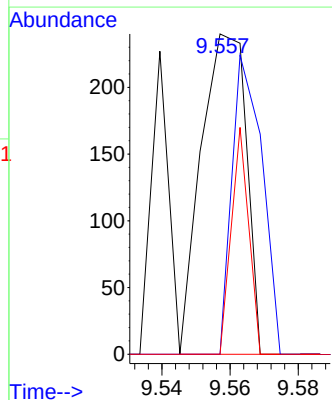
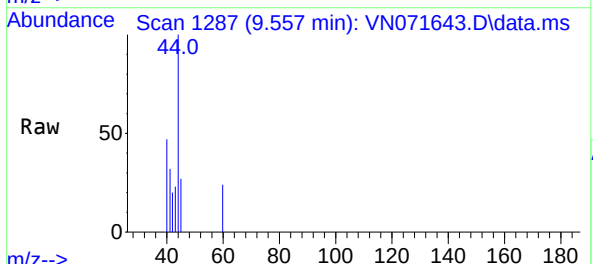
Instrument :
MSVOA_N
ClientSampleId :
IBLK

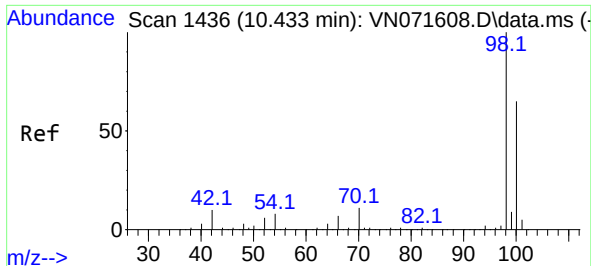
Tgt Ion: 93 Resp: 115
Ion Ratio Lower Upper
93 100
95 0.0 66.9 100.3#
174 53.9 86.6 130.0#



#48
Methyl methacrylate
Concen: 0.027 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 41 Resp: 221
Ion Ratio Lower Upper
41 100
69 62.0 74.7 112.1#
39 27.1 45.6 68.4#

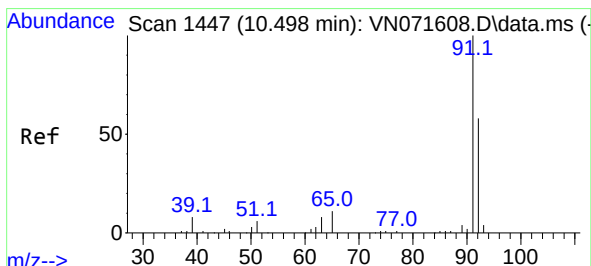
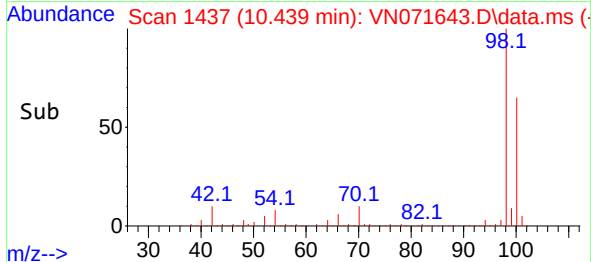
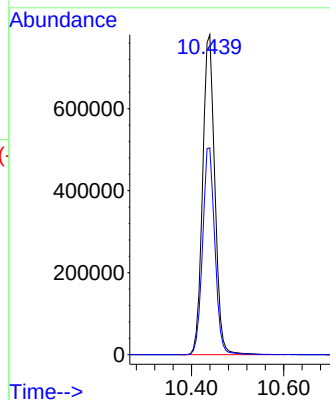
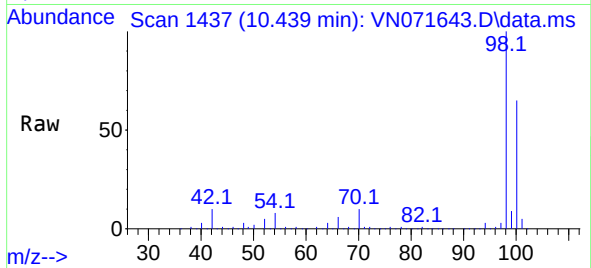




#50
Toluene-d8
Concen: 48.965 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

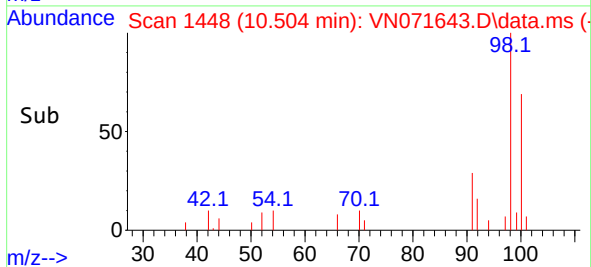
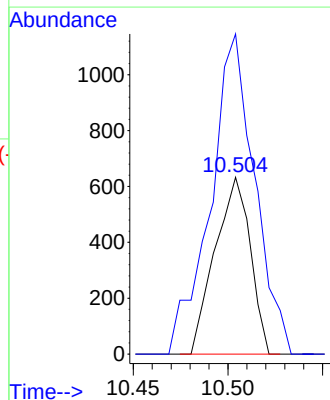
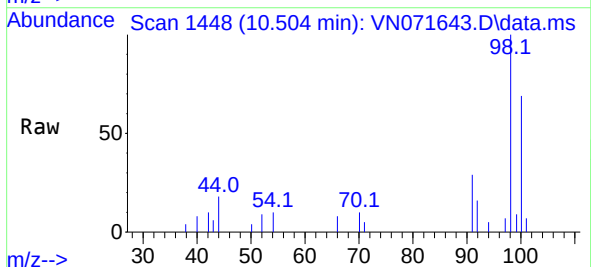
Instrument :
MSVOA_N
ClientSampleId :
IBLK

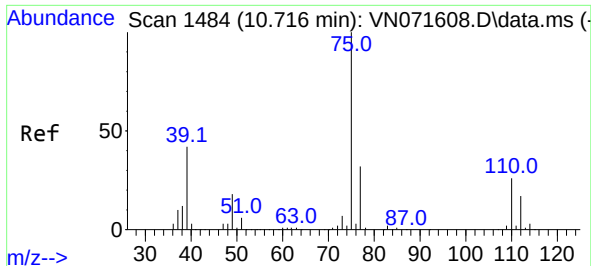
Tgt Ion: 98 Resp: 1444211
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#52
Toluene
Concen: 0.040 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 92 Resp: 818
Ion Ratio Lower Upper
92 100
91 227.3 138.6 207.8#

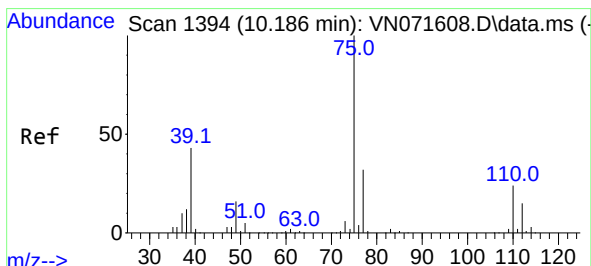
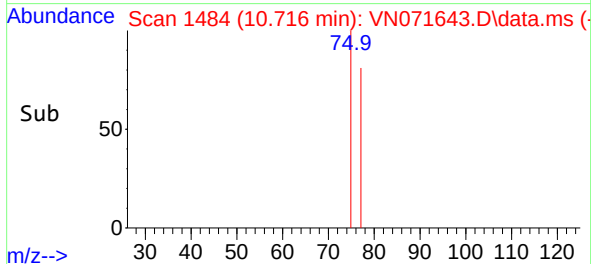
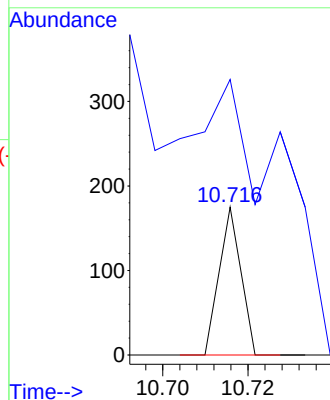
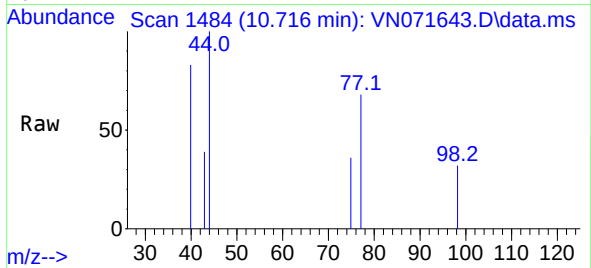




#53
t-1,3-Dichloropropene
Concen: 0.005 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

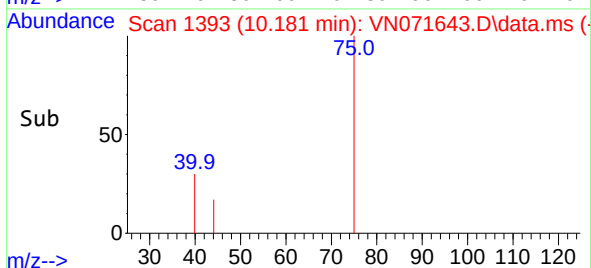
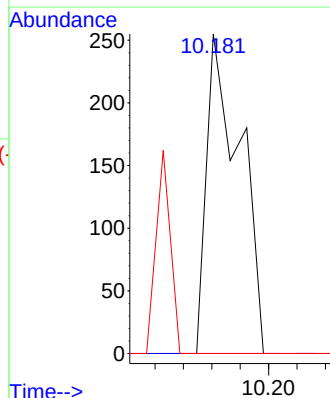
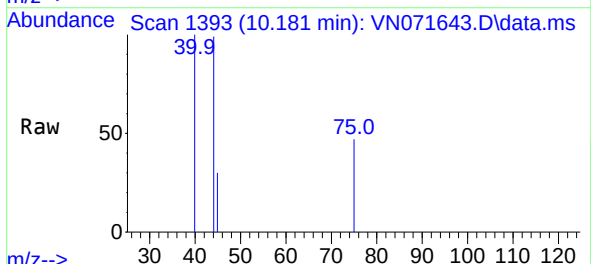
Instrument :
MSVOA_N
ClientSampleId :
IBLK

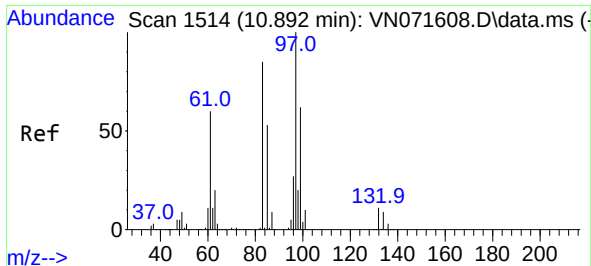
Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
77 40.0 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 0.017 ug/l
RT: 10.181 min Scan# 1393
Delta R.T. -0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 75 Resp: 208
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#
39 0.0 35.7 53.5#

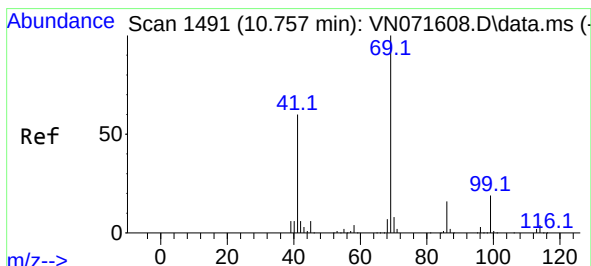
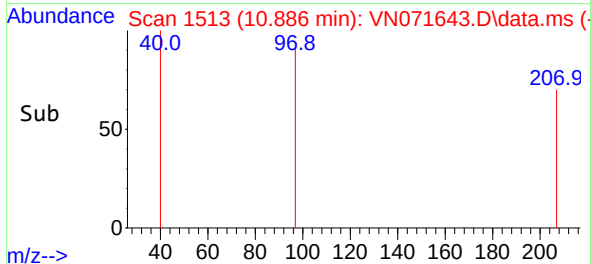
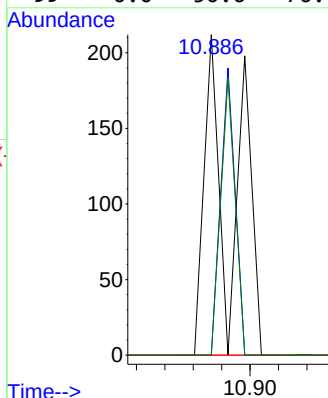
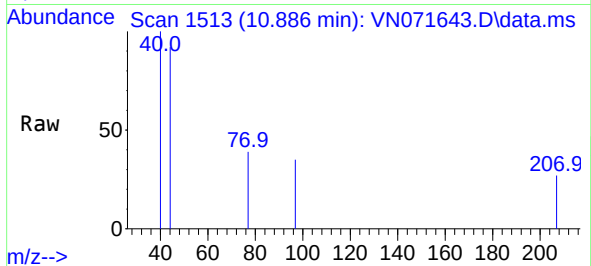




#55
1,1,2-Trichloroethane
Concen: 0.018 ug/l
RT: 10.886 min Scan# 1492
Delta R.T. -0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

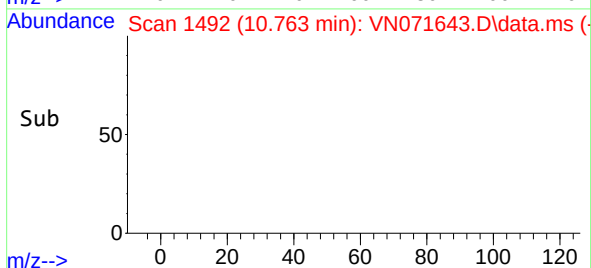
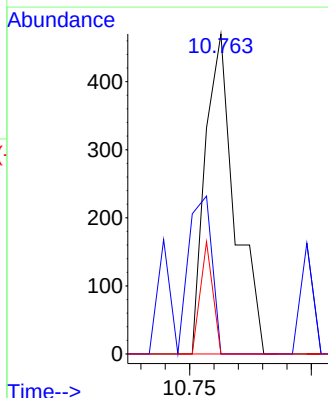
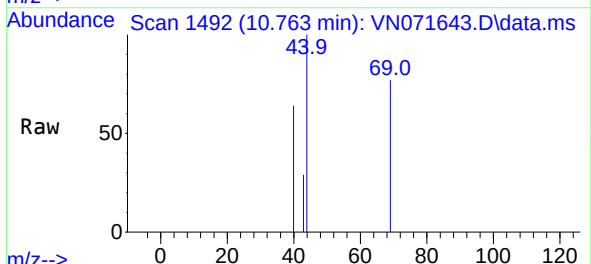
Instrument :
MSVOA_N
ClientSampleId :
IBLK

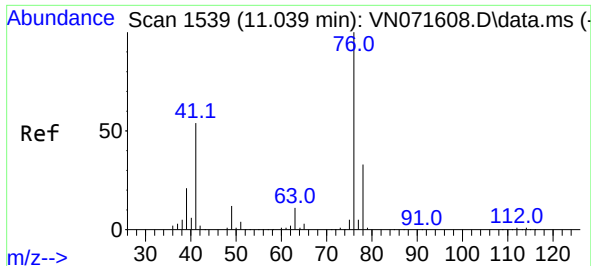
Tgt Ion: 97	Resp:	145
Ion	Ratio	Lower Upper
97	100	
83	0.0	66.2 99.4#
85	0.0	43.9 65.9#
99	0.0	50.6 76.0#



#56
Ethyl methacrylate
Concen: 0.032 ug/l
RT: 10.763 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 69	Resp:	396
Ion	Ratio	Lower Upper
69	100	
41	54.0	47.8 71.6
39	14.6	27.3 40.9#





#57

1,3-Dichloropropane

Concen: 0.020 ug/l

RT: 11.045 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN071643.D

Acq: 29 Mar 2022 19:42

Instrument :

MSVOA_N

ClientSampleId :

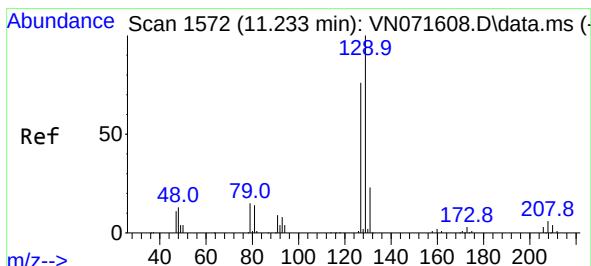
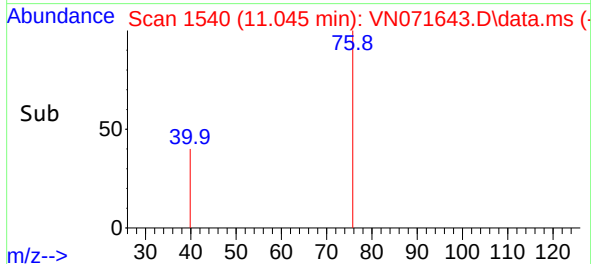
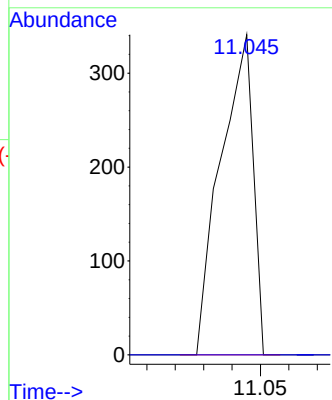
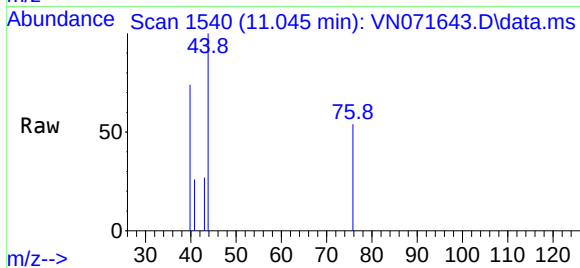
IBLK

Tgt Ion: 76 Resp: 271

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#60

Dibromochloromethane

Concen: 0.007 ug/l

RT: 11.228 min Scan# 1571

Delta R.T. -0.006 min

Lab File: VN071643.D

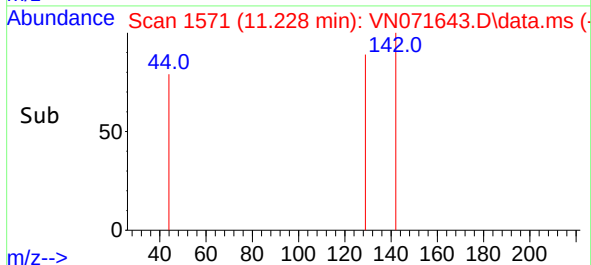
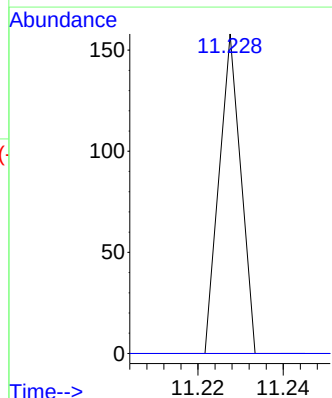
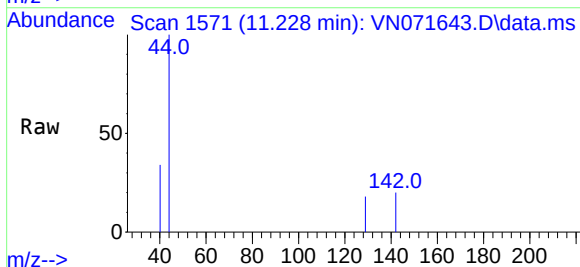
Acq: 29 Mar 2022 19:42

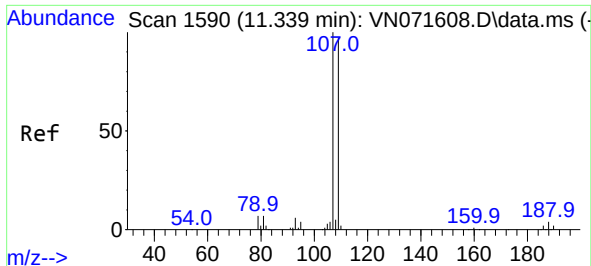
Tgt Ion: 129 Resp: 56

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

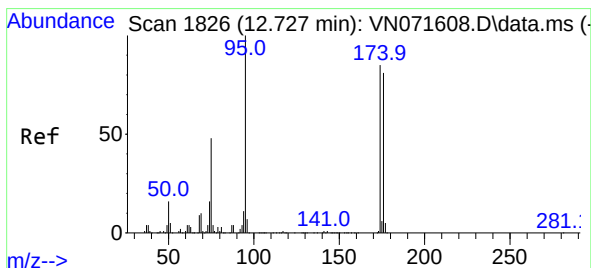
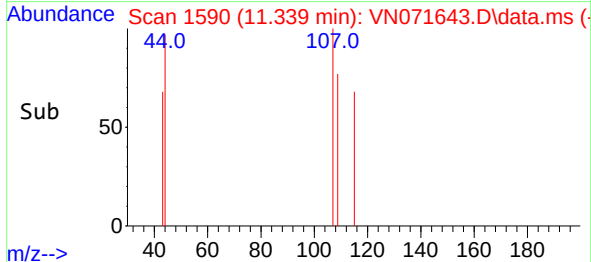
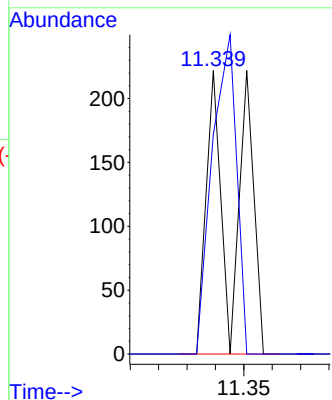
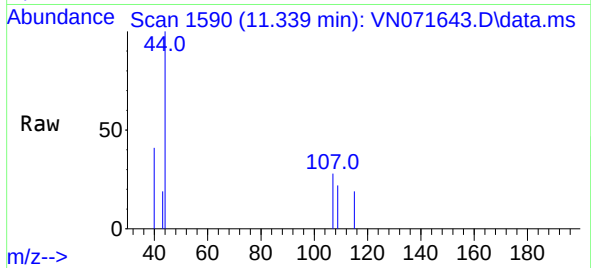




#61
1,2-Dibromoethane
Concen: 0.019 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

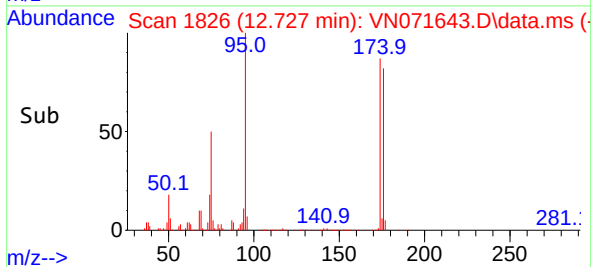
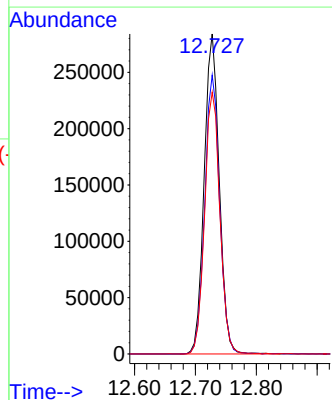
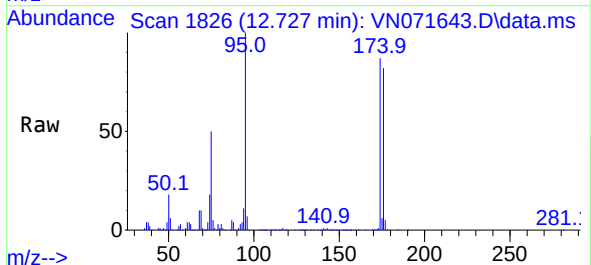
Instrument :
MSVOA_N
ClientSampleId :
IBLK

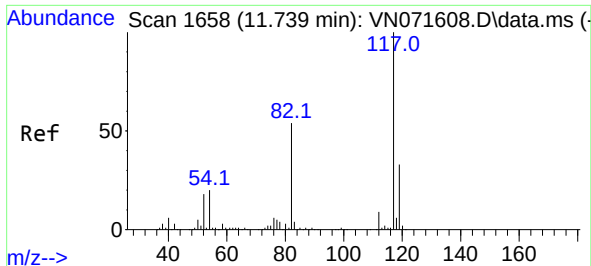
Tgt Ion:107 Resp: 157
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.579 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 95 Resp: 486669
Ion Ratio Lower Upper
95 100
174 86.8 0.0 167.6
176 83.0 0.0 163.4

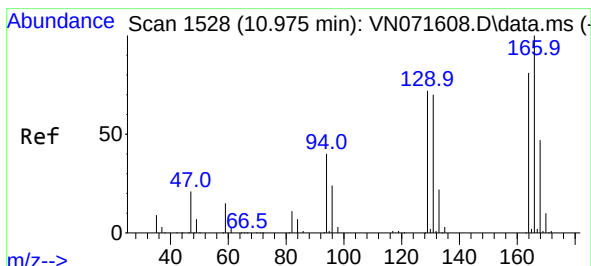
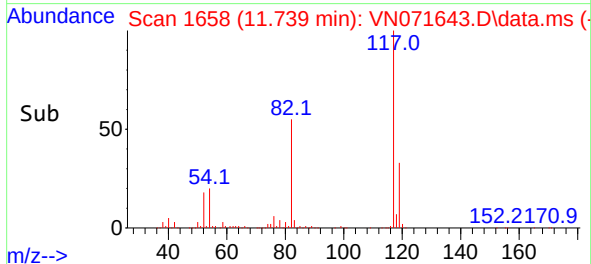
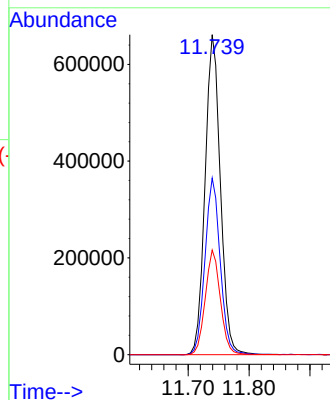
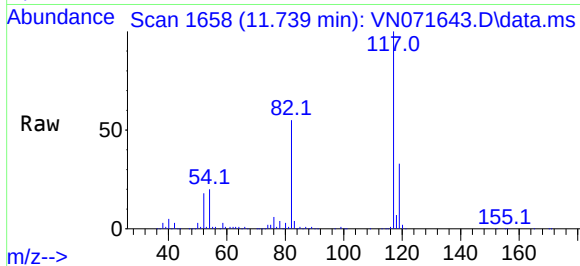




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

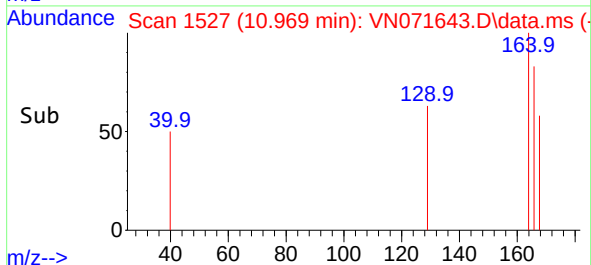
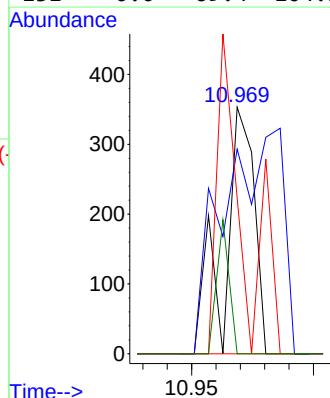
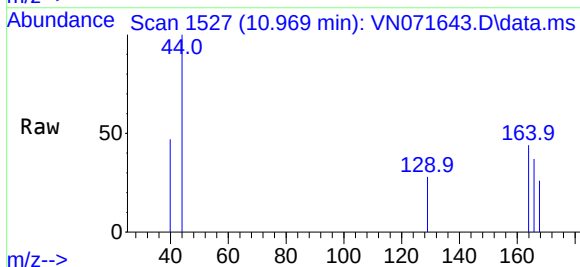
Instrument :
MSVOA_N
ClientSampleId :
IBLK

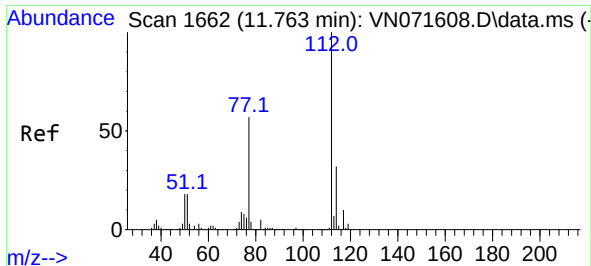
Tgt Ion:117 Resp: 1155371
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 0.037 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion:164 Resp: 296
Ion Ratio Lower Upper
164 100
166 83.0 104.2 156.2#
129 63.2 73.9 110.9#
131 0.0 69.4 104.2#

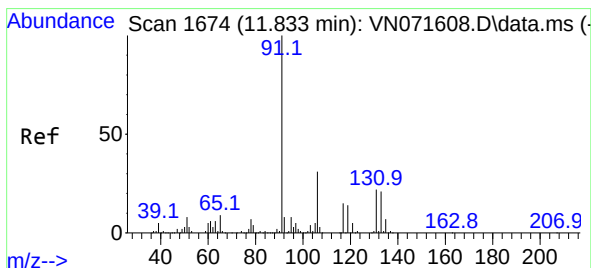
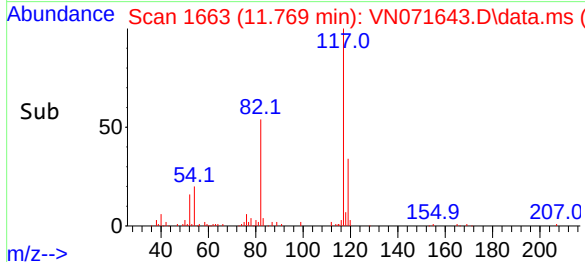
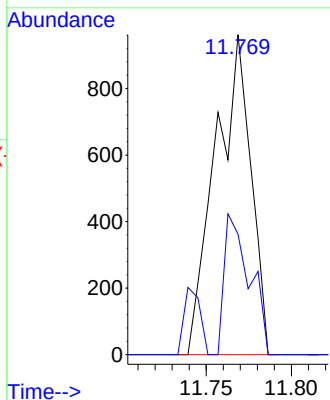
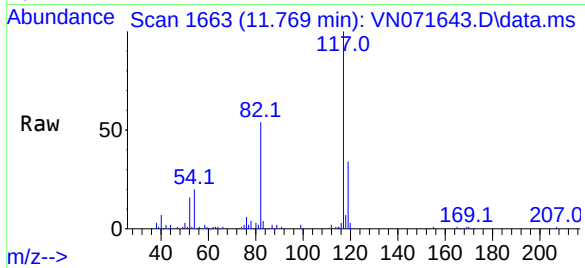




#65
Chlorobenzene
Concen: 0.058 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

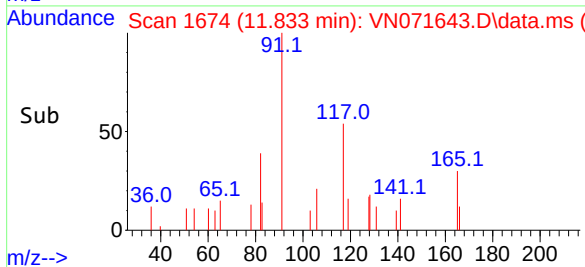
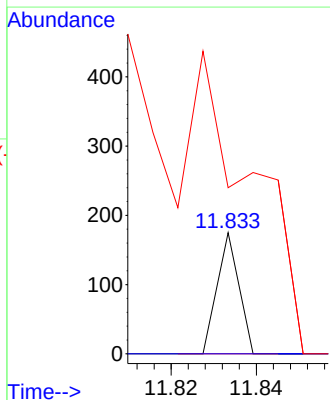
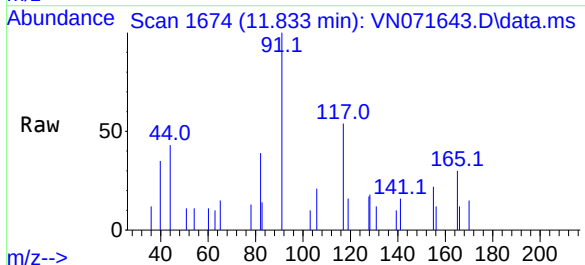
Instrument :
MSVOA_N
ClientSampleId :
IBLK

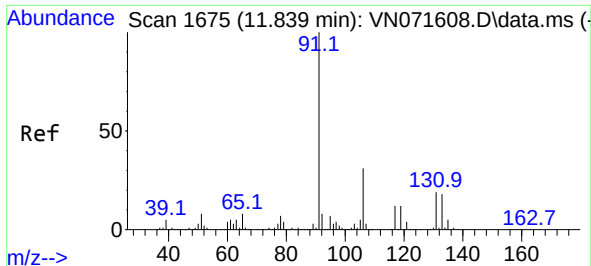
Tgt Ion:112 Resp: 1390
Ion Ratio Lower Upper
112 100
114 37.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 0.007 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion:131 Resp: 62
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.4#
119 0.0 33.4 100.2#

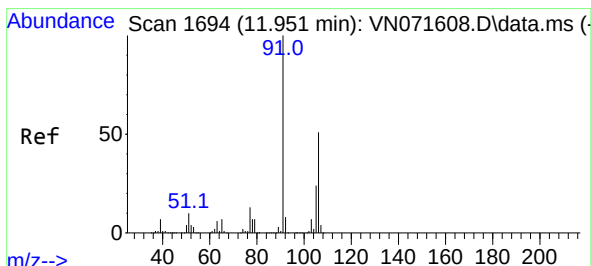
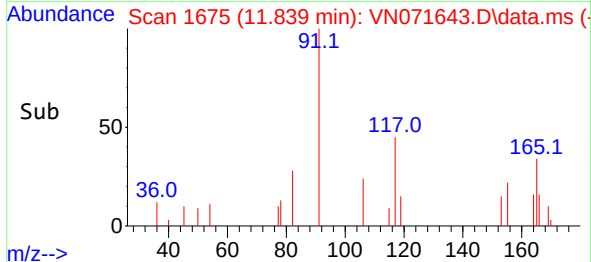
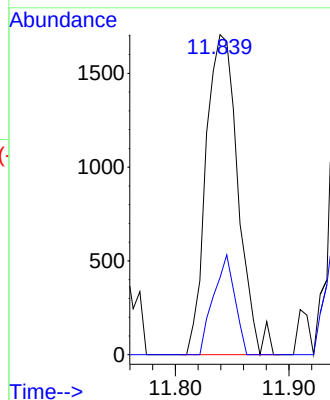
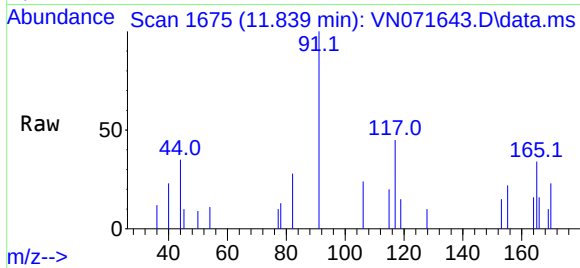




#67
Ethyl Benzene
Concen: 0.080 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

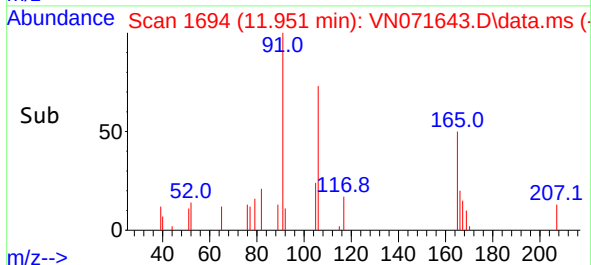
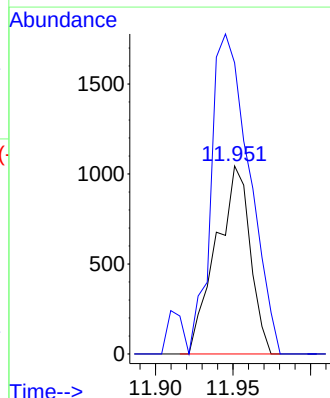
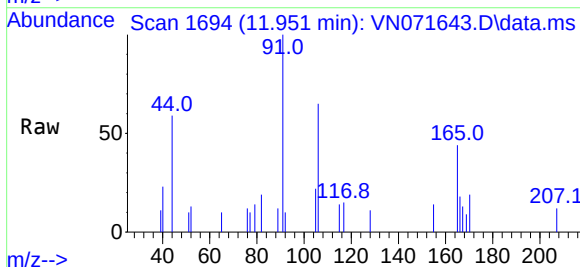
Instrument :
MSVOA_N
ClientSampleId :
IBLK

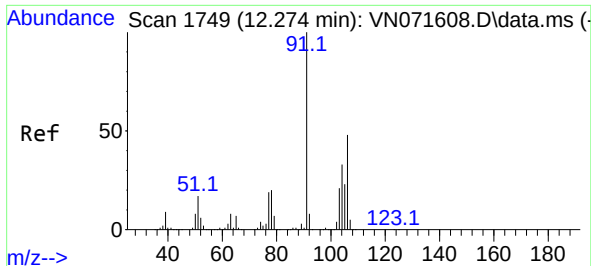
Tgt Ion: 91 Resp: 3333
Ion Ratio Lower Upper
91 100
106 24.1 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.101 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 106 Resp: 1591
Ion Ratio Lower Upper
106 100
91 191.6 158.9 238.3

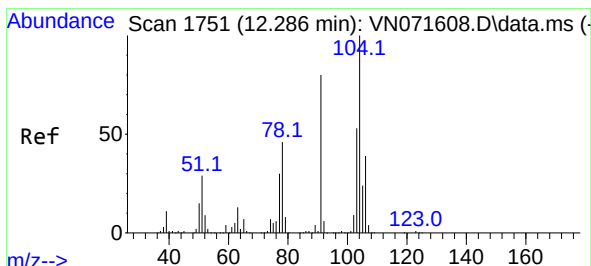
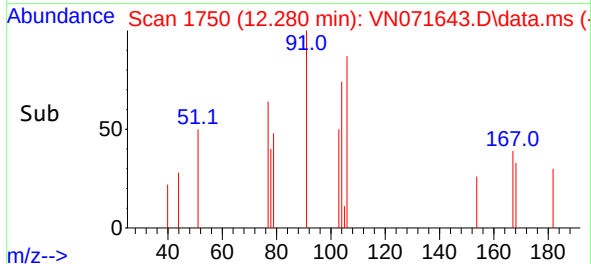
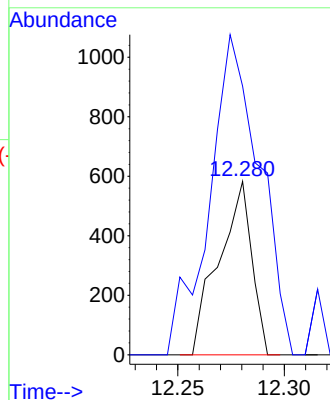
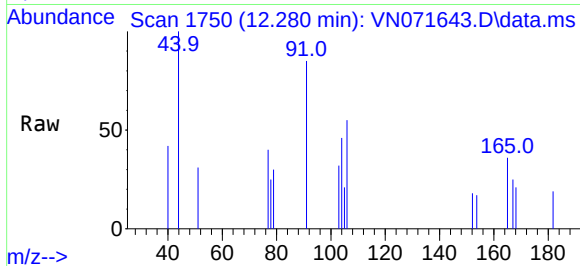




#69
o-Xylene
Concen: 0.040 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

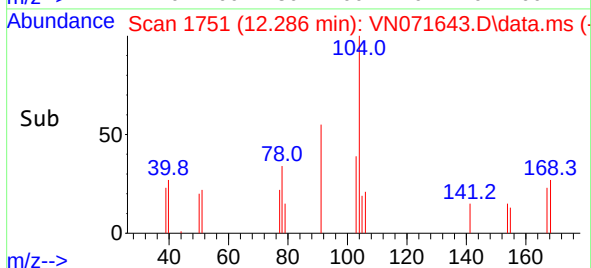
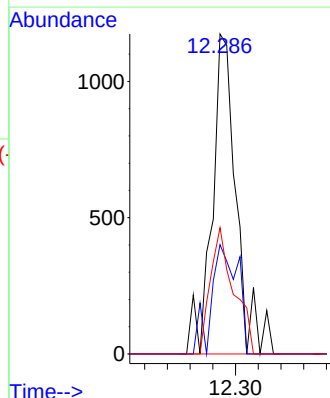
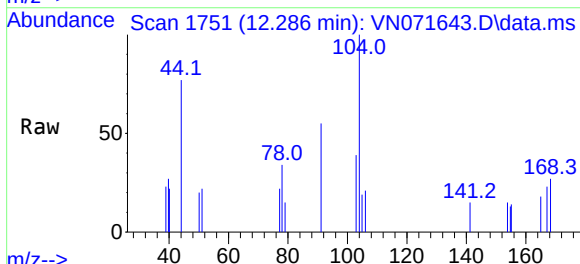
Instrument :
MSVOA_N
ClientSampleId :
IBLK

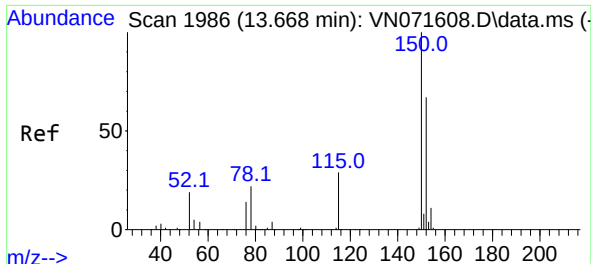
Tgt Ion:106 Resp: 630
Ion Ratio Lower Upper
106 100
91 280.8 106.0 318.0



#70
Styrene
Concen: 0.072 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion:104 Resp: 1737
Ion Ratio Lower Upper
104 100
78 37.1 39.5 59.3#
103 38.4 44.0 66.0#

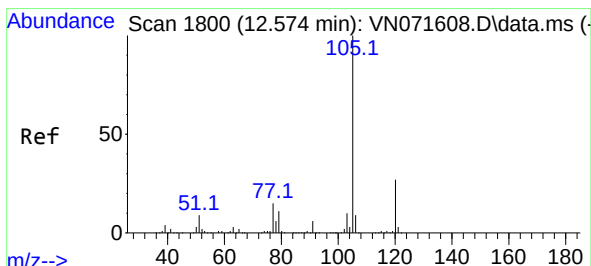
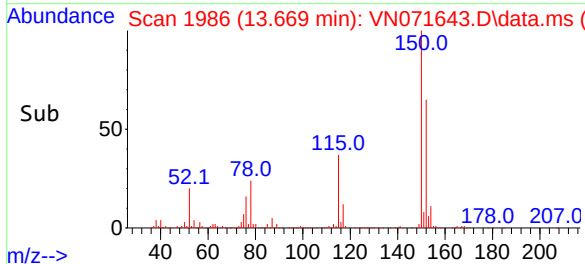
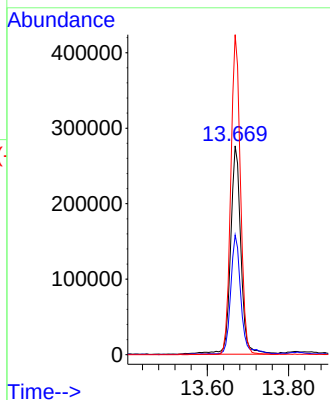
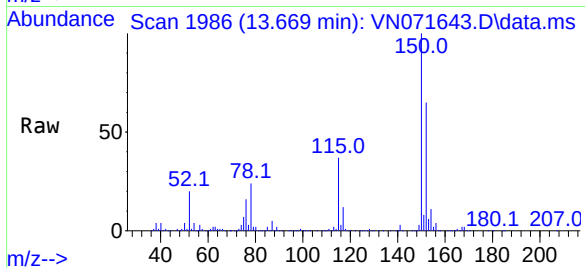




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

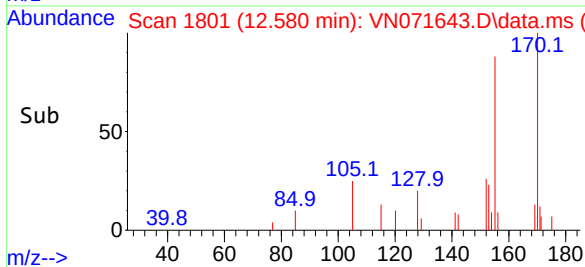
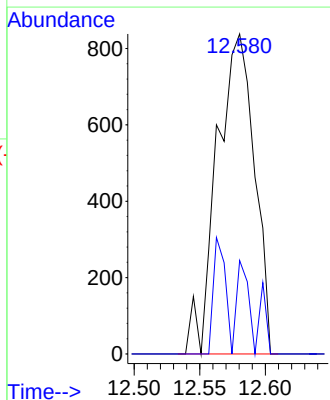
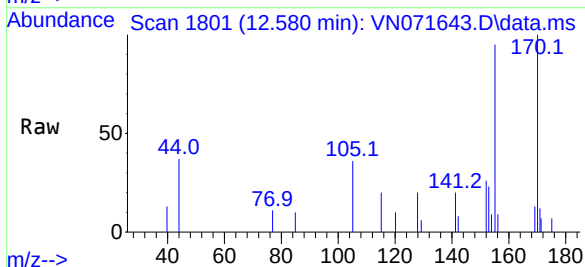
Instrument :
MSVOA_N
ClientSampleId :
IBLK

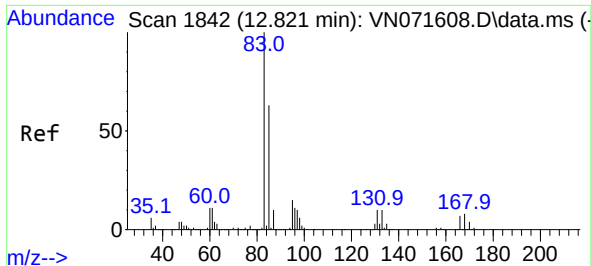
Tgt Ion:152 Resp: 487037
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 143.0 0.0 356.2



#73
Isopropylbenzene
Concen: 0.039 ug/l
RT: 12.580 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion:105 Resp: 1662
Ion Ratio Lower Upper
105 100
120 13.2 13.5 40.4#

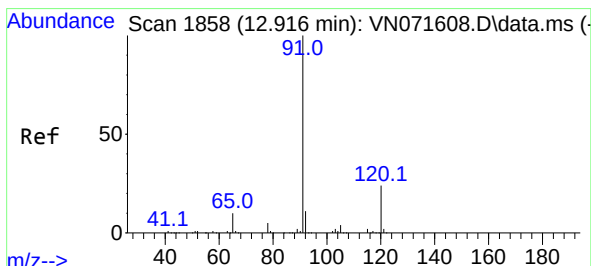
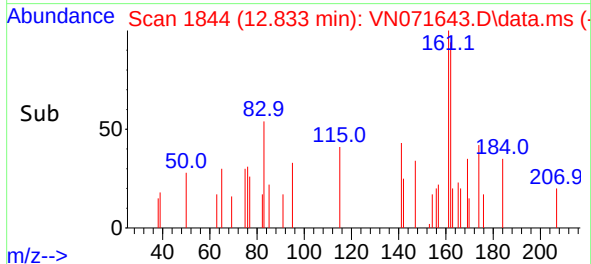
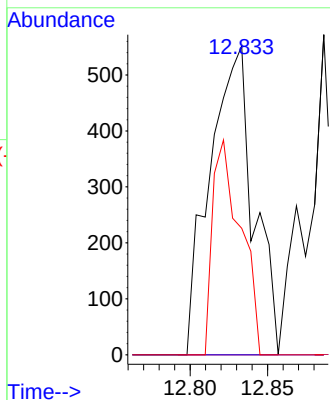
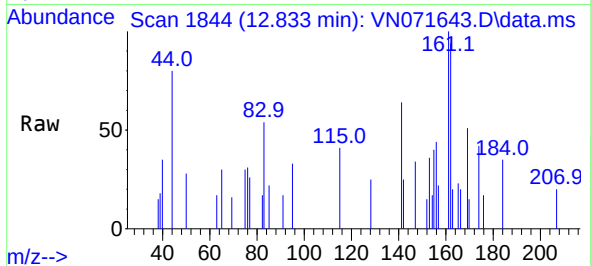




#75
1,1,2,2-Tetrachloroethane
Concen: 0.076 ug/l
RT: 12.833 min Scan# 1844
Delta R.T. 0.012 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

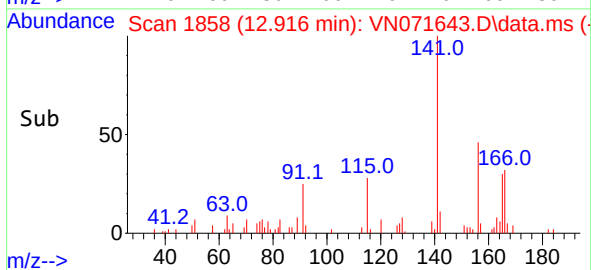
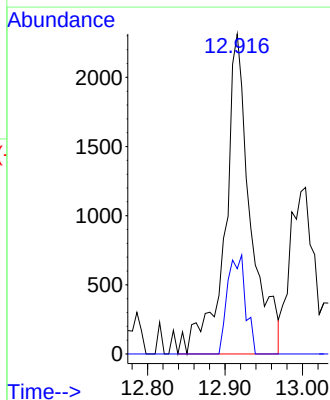
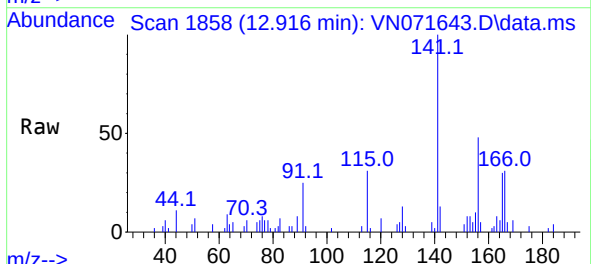
Instrument :
MSVOA_N
ClientSampleId :
IBLK

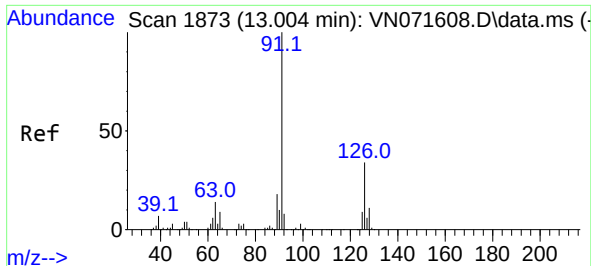
Tgt Ion: 83 Resp: 1082
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 44.5 32.3 96.9



#78
n-propylbenzene
Concen: 0.115 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 91 Resp: 5303
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5

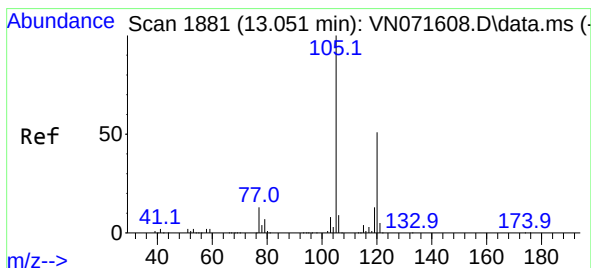
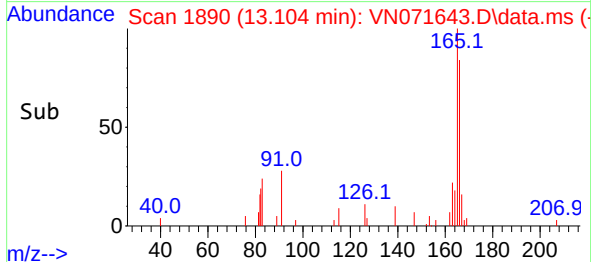
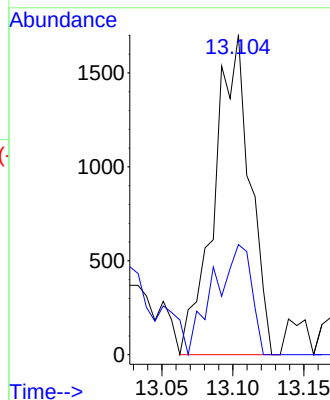
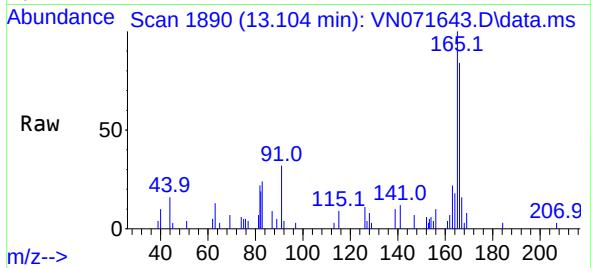




#79
2-Chlorotoluene
Concen: 0.104 ug/l
RT: 13.104 min Scan# 1882
Delta R.T. 0.100 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

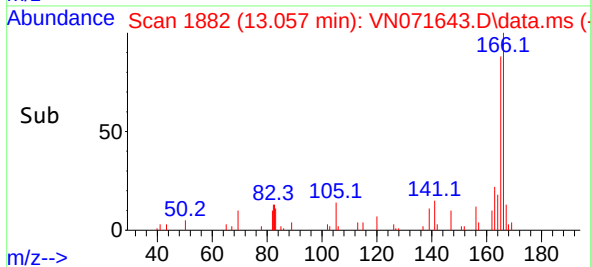
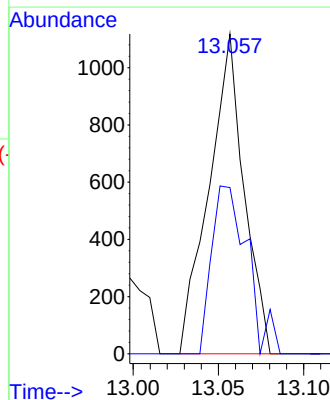
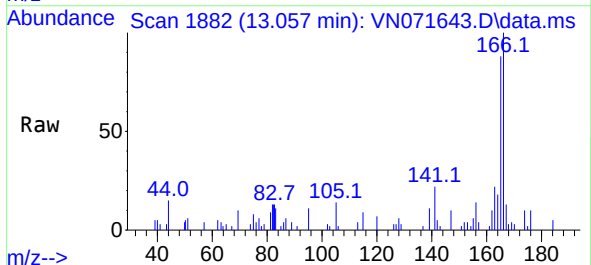
Instrument :
MSVOA_N
ClientSampleId :
IBLK

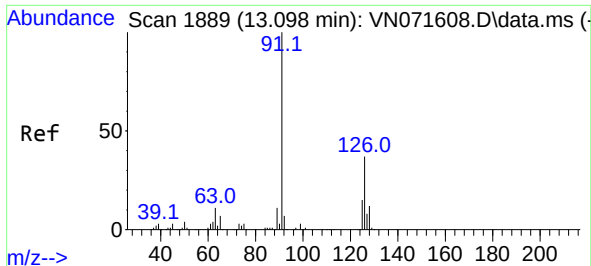
Tgt Ion: 91 Resp: 2982
Ion Ratio Lower Upper
91 100
126 36.0 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 0.048 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 105 Resp: 1599
Ion Ratio Lower Upper
105 100
120 53.5 24.9 74.7

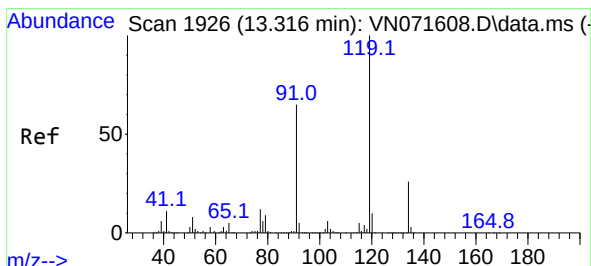
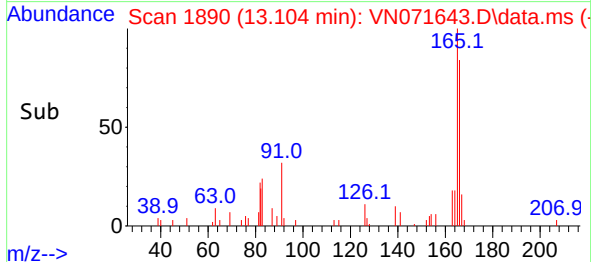
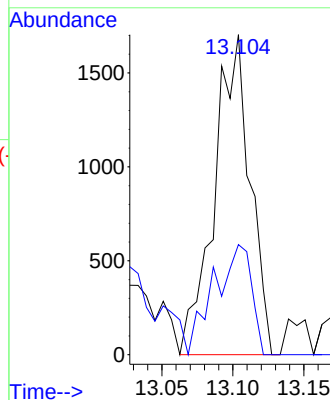
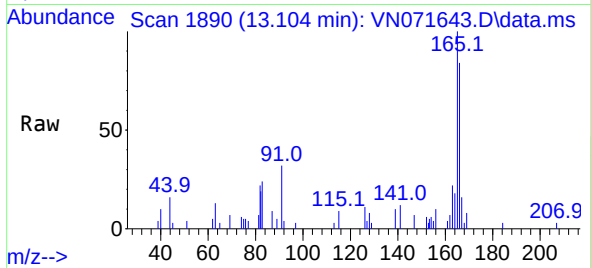




#82
4-Chlorotoluene
Concen: 0.111 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

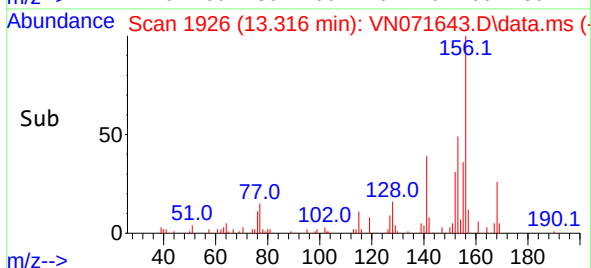
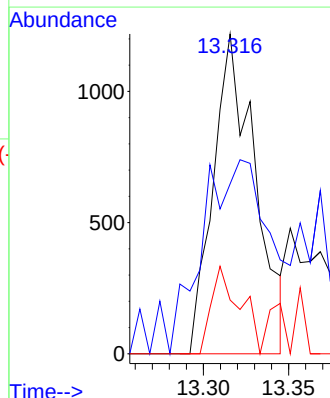
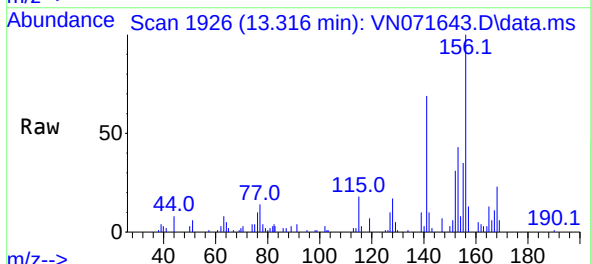
Instrument :
MSVOA_N
ClientSampleId :
IBLK

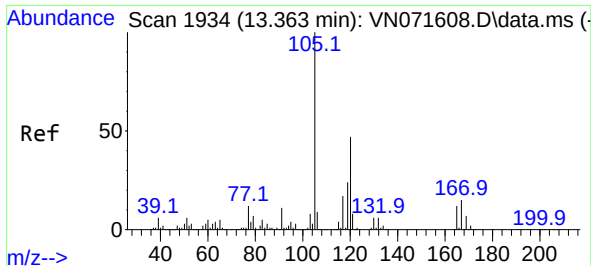
Tgt Ion: 91 Resp: 2982
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6



#83
tert-Butylbenzene
Concen: 0.067 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion: 119 Resp: 2083
Ion Ratio Lower Upper
119 100
91 103.1 31.6 94.8#
134 18.7 13.7 41.1

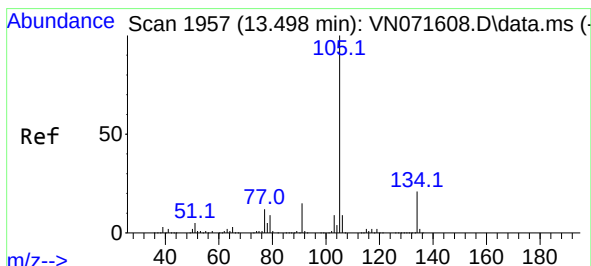
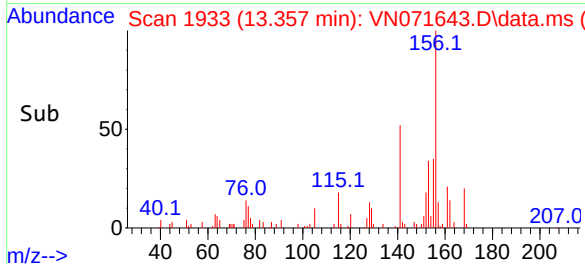
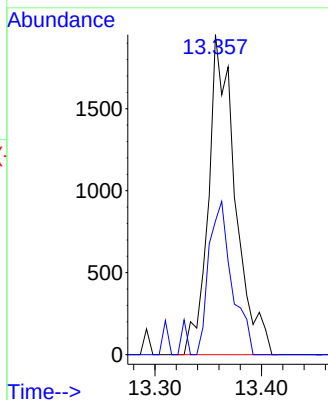
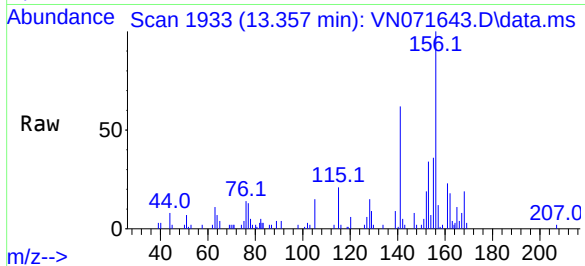




#84
1,2,4-Trimethylbenzene
Concen: 0.104 ug/l
RT: 13.357 min Scan# 1933
Delta R.T. -0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

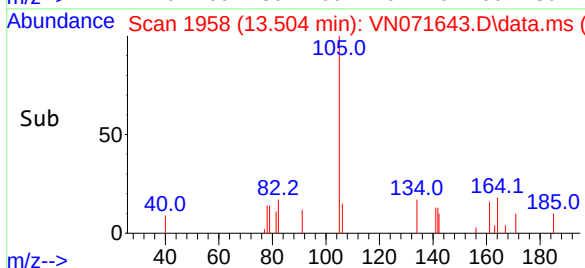
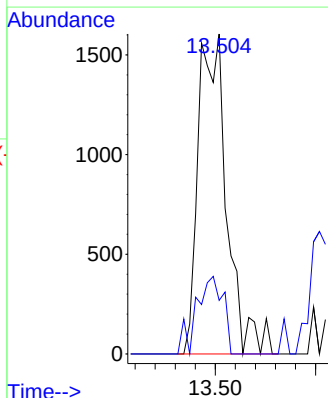
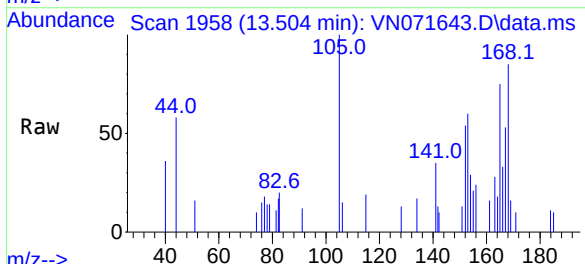
Instrument :
MSVOA_N
ClientSampleId :
IBLK

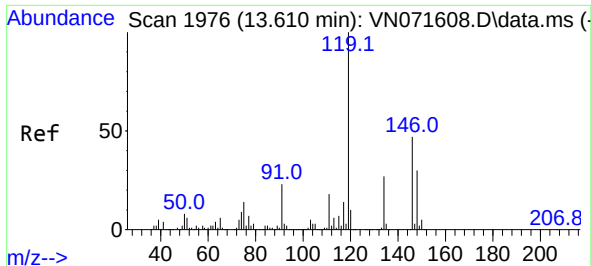
Tgt Ion:105 Resp: 3423
Ion Ratio Lower Upper
105 100
120 40.9 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.078 ug/l
RT: 13.504 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion:105 Resp: 3172
Ion Ratio Lower Upper
105 100
134 22.6 10.4 31.1

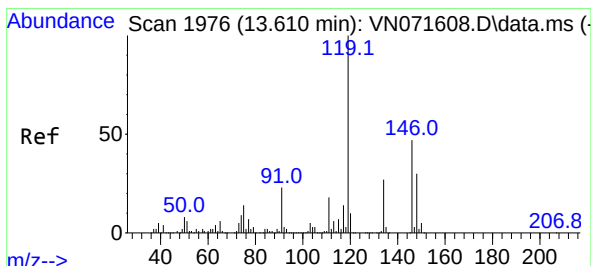
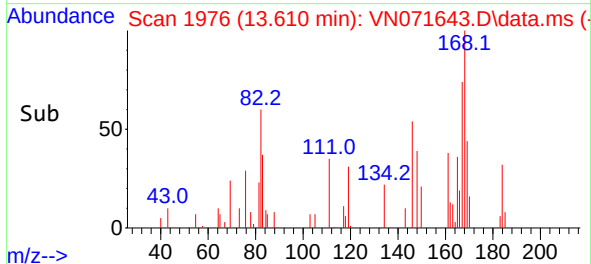
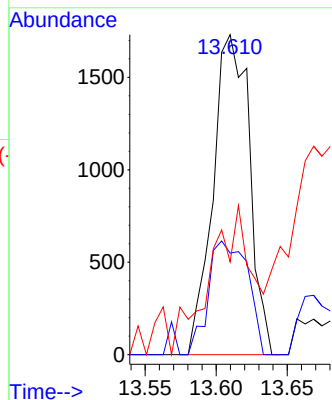
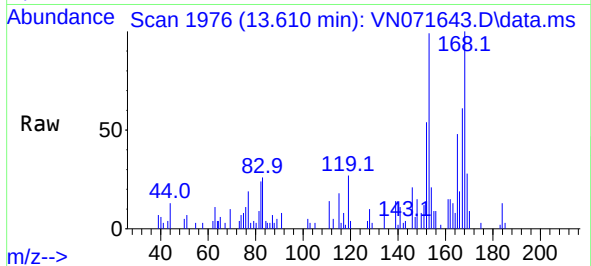




#86
p-Isopropyltoluene
Concen: 0.095 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

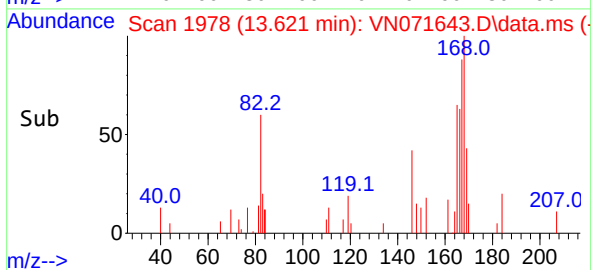
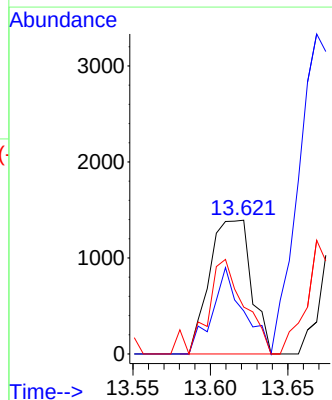
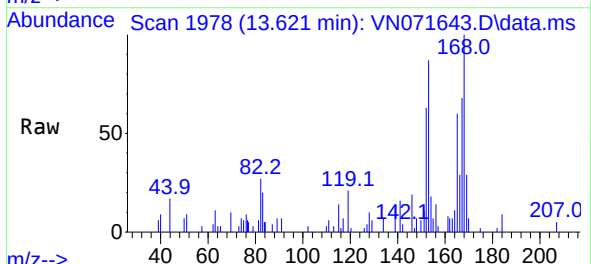
Instrument :
MSVOA_N
ClientSampleId :
IBLK

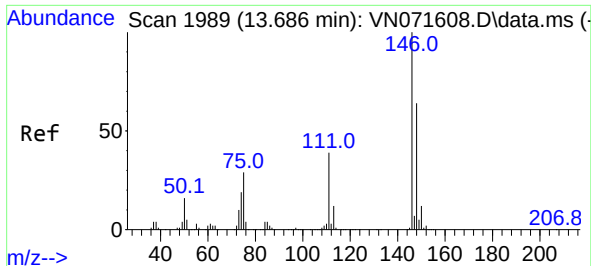
Tgt Ion:	119	Resp:	3089
Ion	Ratio	Lower	Upper
119	100		
134	38.3	13.3	39.8
91	30.7	11.3	33.9



#87
1,3-Dichlorobenzene
Concen: 0.151 ug/l
RT: 13.621 min Scan# 1978
Delta R.T. 0.012 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion:	146	Resp:	2616
Ion	Ratio	Lower	Upper
146	100		
111	48.2	20.0	60.0
148	62.6	32.0	96.0

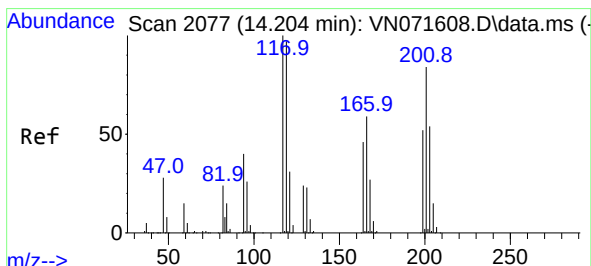
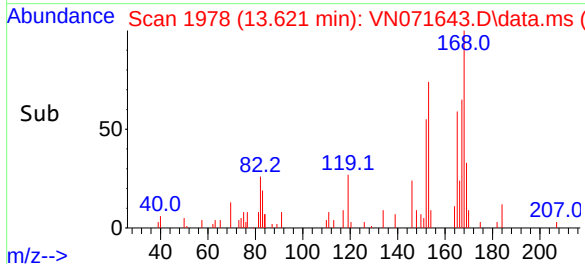
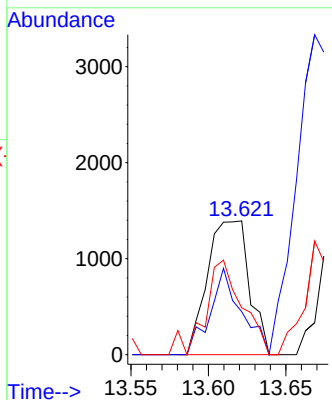
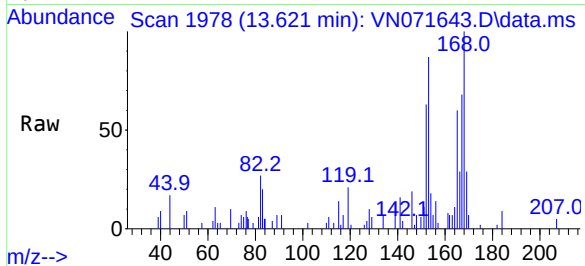




#88
1,4-Dichlorobenzene
Concen: 0.152 ug/l
RT: 13.621 min Scan# 1989
Delta R.T. -0.065 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

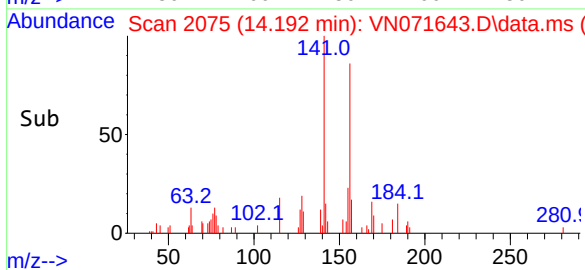
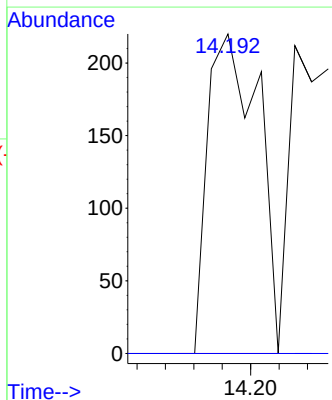
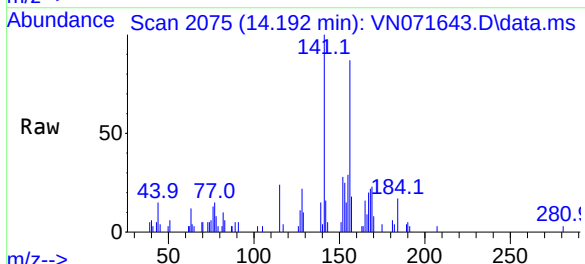
Instrument :
MSVOA_N
ClientSampleId :
IBLK

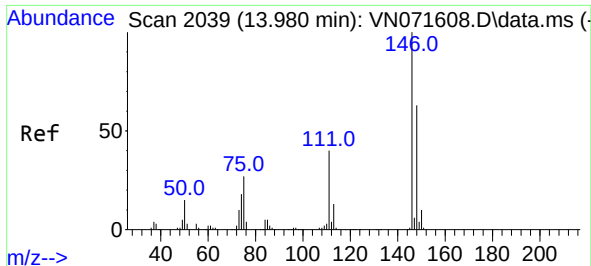
Tgt Ion:146 Resp: 2616
Ion Ratio Lower Upper
146 100
111 48.2 19.1 57.1
148 62.6 31.4 94.3



#90
Hexachloroethane
Concen: 0.045 ug/l
RT: 14.192 min Scan# 2075
Delta R.T. -0.012 min
Lab File: VN071643.D
Acq: 29 Mar 2022 19:42

Tgt Ion:117 Resp: 272
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#91

1,2-Dichlorobenzene

Concen: 0.119 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN071643.D

Acq: 29 Mar 2022 19:42

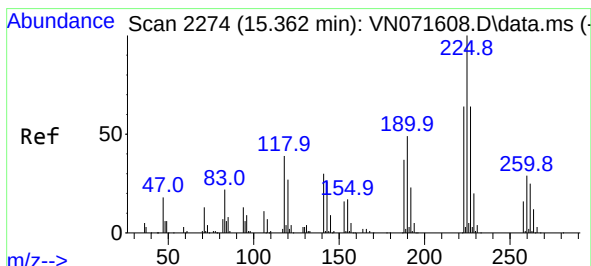
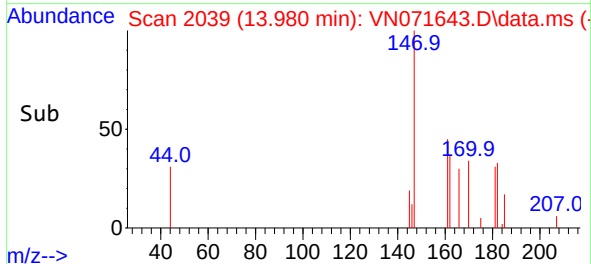
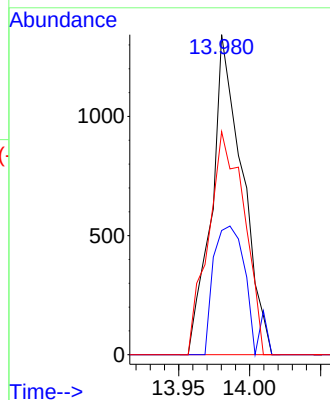
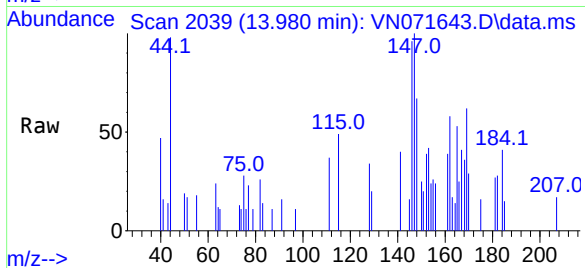
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:	146	Resp:	2016
Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.9	62.8
148	81.3	32.1	96.3



#94

Hexachlorobutadiene

Concen: 0.131 ug/l

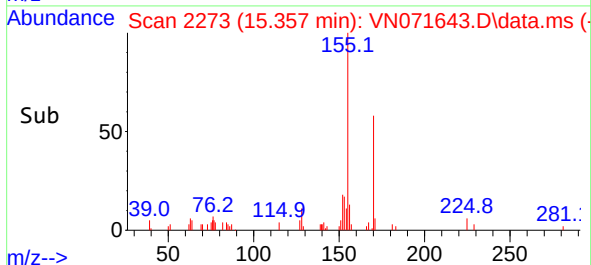
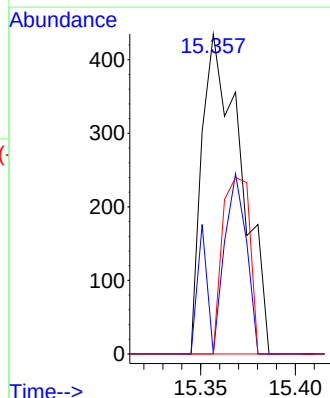
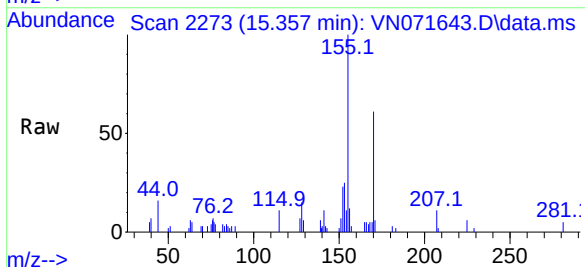
RT: 15.357 min Scan# 2273

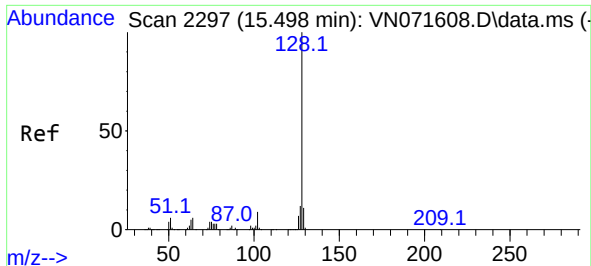
Delta R.T. -0.006 min

Lab File: VN071643.D

Acq: 29 Mar 2022 19:42

Tgt Ion:	225	Resp:	619
Ion	Ratio	Lower	Upper
225	100		
223	41.4	32.4	97.2
227	38.9	31.8	95.4





#95

Naphthalene

Concen: 7.533 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071643.D

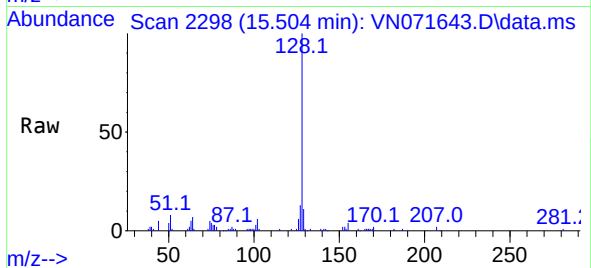
Acq: 29 Mar 2022 19:42

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 75577

Ion Ratio Lower Upper

128 100

127 14.6 10.3 15.5

129 12.9 8.6 13.0

