

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067306.D
 Acq On : 11 Jun 2021 23:59
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 12 09:16:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	69083	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	427342	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	377673	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	224978	30.989	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.300%	
60) 4-Bromofluorobenzene	12.733	95	207032	28.394	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.633%	
63) Toluene-d8	10.443	98	543267	30.162	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.533%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	1427	0.277	ug/l	92
3) Chloromethane	2.301	50	2012	0.364	ug/l	91
5) Bromomethane	2.872	94	1046	0.382	ug/l	88
7) Trichlorofluoromethane	3.371	101	1993	0.274	ug/l	87
11) Methyl Iodide	4.419	142	1795	0.357	ug/l #	64
12) Methyl Acetate	4.873	43	2208	0.356	ug/l #	90
13) Acrolein	4.041	56	1050	1.417	ug/l	89
14) Acrylonitrile	5.570	53	5030	1.930	ug/l #	82
15) Acetone	4.291	58	213	0.327	ug/l #	9
16) Carbon Disulfide	4.516	76	7951	0.599	ug/l #	93
19) trans-1,2-Dichloroethene	5.594	96	995	0.218	ug/l	82
22) cis-1,2-Dichloroethene	7.335	96	1172	0.216	ug/l #	63
29) 1,1-Dichloropropene	8.222	75	3174	0.415	ug/l	82
30) 2-Butanone	7.343	43	2665	0.679	ug/l #	71
36) 1,2-Dichloroethane	8.528	62	1944	0.212	ug/l #	94
37) Trichloroethene	9.223	130	2469	0.485	ug/l	82
40) Dibromomethane	9.577	93	962	0.241	ug/l	48
45) 1,4-Dioxane	9.577	88	606	6.303	ug/l #	89
46) Methyl methacrylate	9.566	41	1734	0.264	ug/l	75
47) n-amyl Acetate	12.395	43	16346	1.305	ug/l	96
48) t-1,3-Dichloropropene	10.725	75	2876	0.303	ug/l #	86
51) Ethyl methacrylate	10.768	69	3905	0.413	ug/l	78
58) 4-Methyl-2-Pentanone	10.336	43	14586	1.757	ug/l	95
59) 2-Hexanone	11.092	43	26667	4.442	ug/l #	93
61) Tetrachloroethene	10.982	164	2067	0.472	ug/l	85
64) Chlorobenzene	11.773	112	5858	0.441	ug/l	94
66) Ethyl Benzene	11.846	91	10494	0.400	ug/l	100
67) m/p-Xylenes	11.958	106	7732	0.835	ug/l	99
68) o-Xylene	12.280	106	3143	0.340	ug/l	91
69) Styrene	12.296	104	8059	0.519	ug/l	98
70) Isopropylbenzene	12.578	105	9533	0.400	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.833	83	4945	0.683	ug/l	91
72) 1,2,3-Trichloropropane	12.886	75	7350	1.018	ug/l	70
73) Bromobenzene	12.862	156	3624	0.731	ug/l	93
74) n-propylbenzene	12.921	91	19742	0.690	ug/l	95
75) 2-Chlorotoluene	13.007	91	9155	0.505	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.061	105	9950	0.493	ug/l	98
78) 4-Chlorotoluene	13.106	91	15754	0.874	ug/l	98
79) tert-butylbenzene	13.323	119	7367	0.455	ug/l	95

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

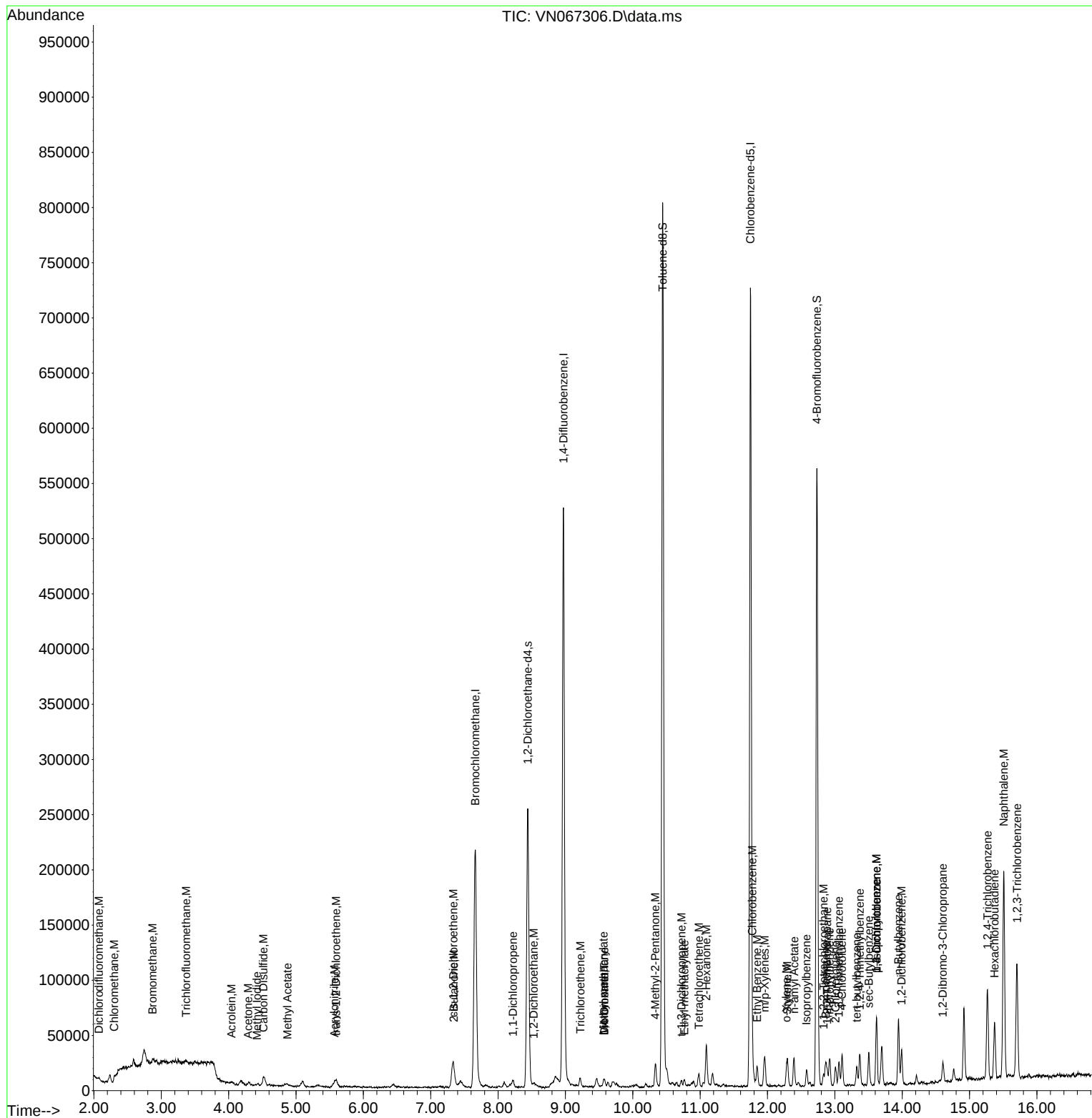
80) 1,2,4-Trimethylbenzene	13.369	105	14651	0.736	ug/l #	71
81) sec-Butylbenzene	13.503	105	18528	0.823	ug/l	95
82) p-Isopropyltoluene	13.618	119	17823	0.982	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	10280	1.151	ug/l	99
84) 1,4-Dichlorobenzene	13.618	146	10280	1.147	ug/l	97
85) n-Butylbenzene	13.946	91	32603	1.932	ug/l	96
87) 1,2-Dichlorobenzene	13.991	146	11018	1.264	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.603	75	5033	2.743	ug/l	99
89) 1,2,4-Trichlorobenzene	15.268	180	22574	5.092	ug/l	99
90) Hexachlorobutadiene	15.370	225	8721	3.705	ug/l	91
91) Naphthalene	15.507	128	155759	10.465	ug/l	99
92) 1,2,3-Trichlorobenzene	15.705	180	30574	7.091	ug/l	97

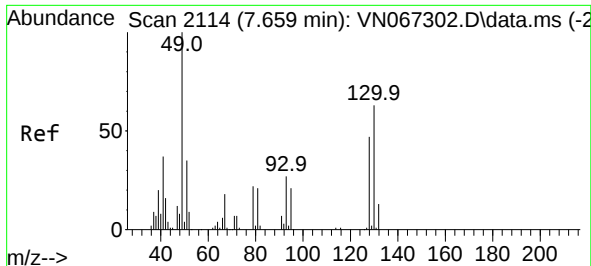
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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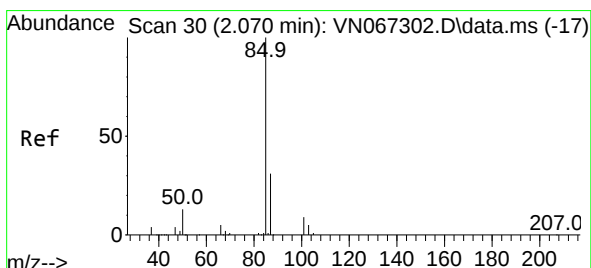
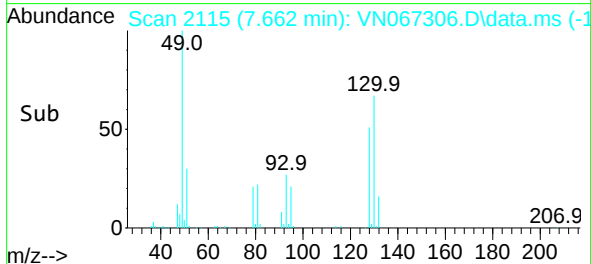
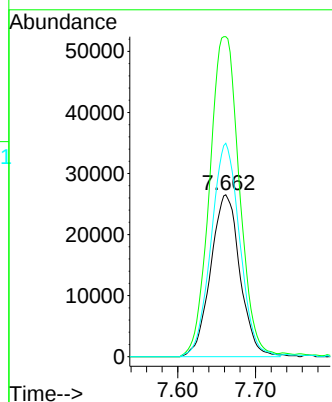
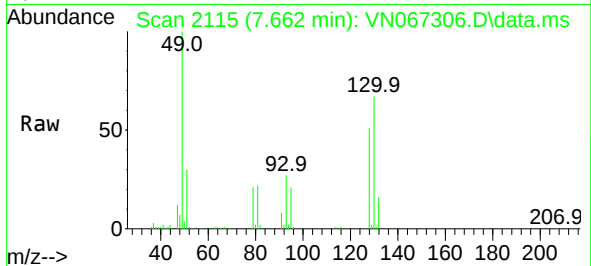




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

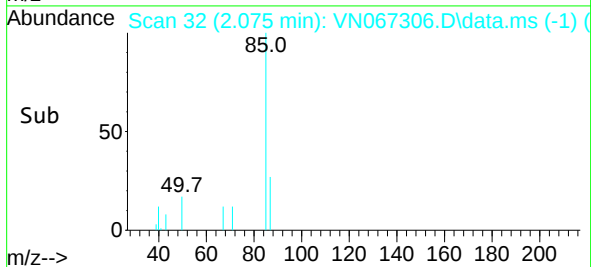
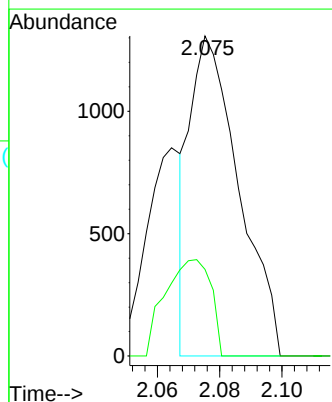
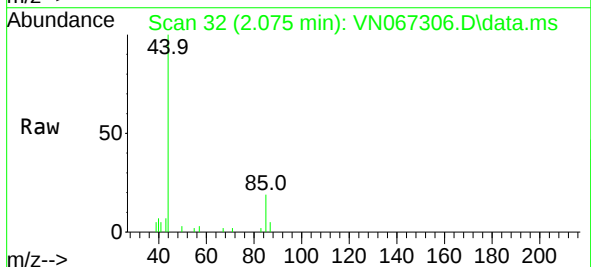
Instrument :
MSVOA_N
ClientSampled :
IBLK

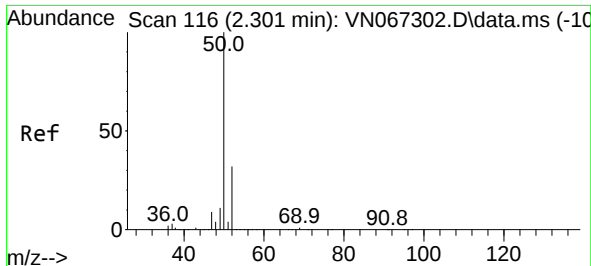
Tgt Ion:128 Resp: 69083
Ion Ratio Lower Upper
128 100
49 201.2 0.0 517.5
130 129.3 0.0 325.8



#2
Dichlorodifluoromethane
Concen: 0.277 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.005 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 85 Resp: 1427
Ion Ratio Lower Upper
85 100
87 27.1 15.7 47.0

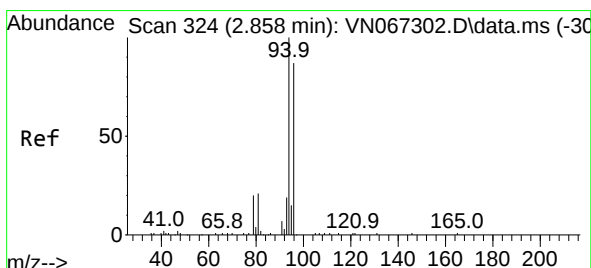
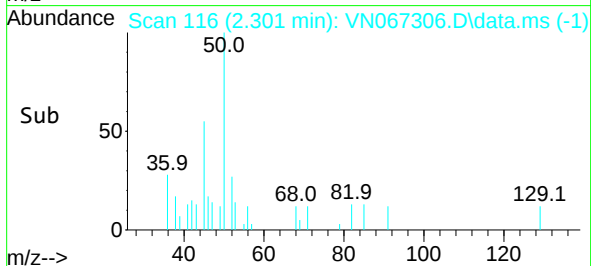
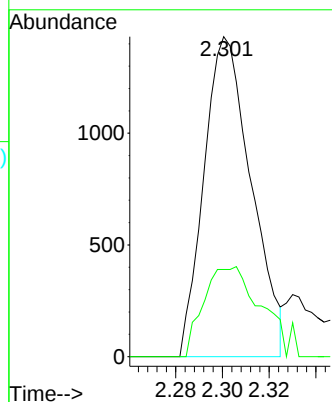
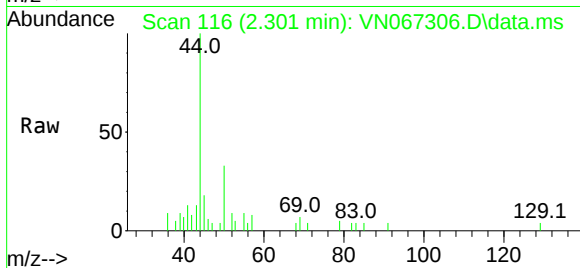




#3
Chloromethane
Concen: 0.364 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

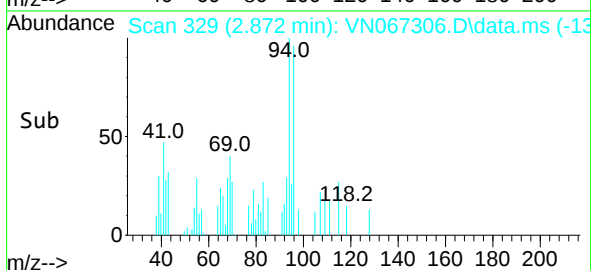
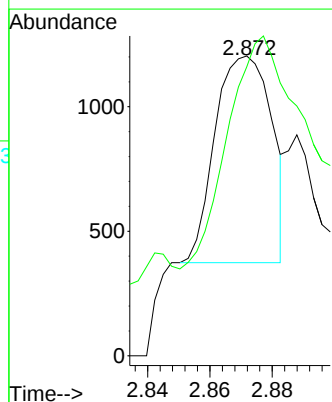
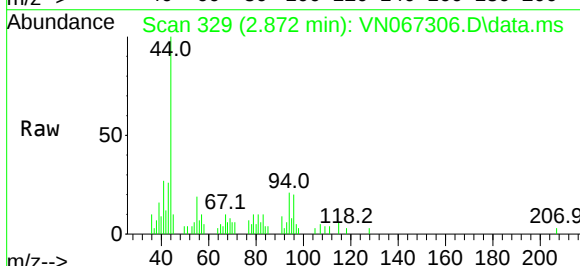
Instrument :
MSVOA_N
ClientSampled :
IBLK

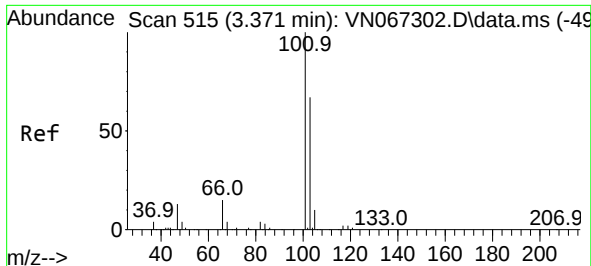
Tgt Ion: 50 Resp: 2012
Ion Ratio Lower Upper
50 100
52 27.2 26.0 39.0



#5
Bromomethane
Concen: 0.382 ug/l
RT: 2.872 min Scan# 329
Delta R.T. 0.013 min
Lab File: VN067306.D
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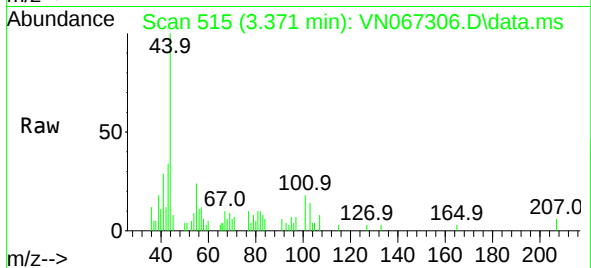
Tgt Ion: 94 Resp: 1046
Ion Ratio Lower Upper
94 100
96 97.7 69.4 104.2



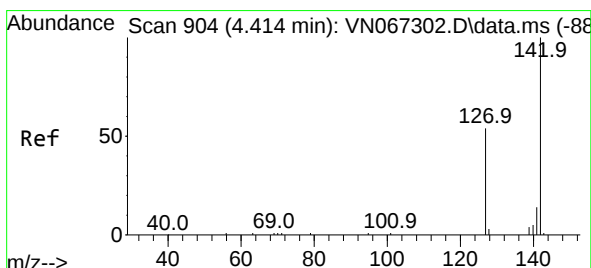
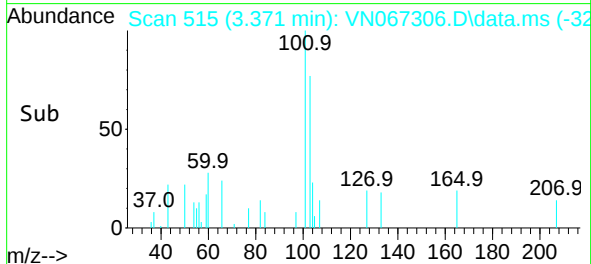
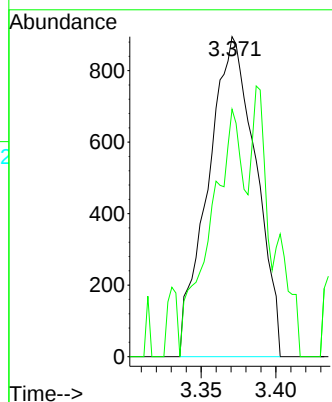


#7
Trichlorofluoromethane
Concen: 0.274 ug/l
RT: 3.371 min Scan# 515
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Instrument :
MSVOA_N
ClientSampled :
IBLK

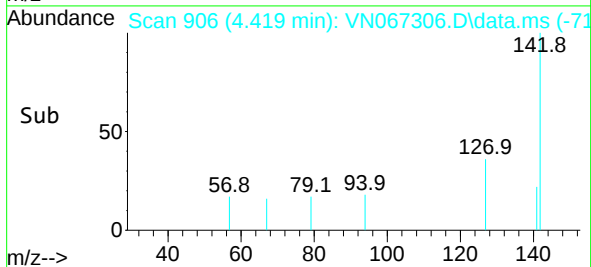
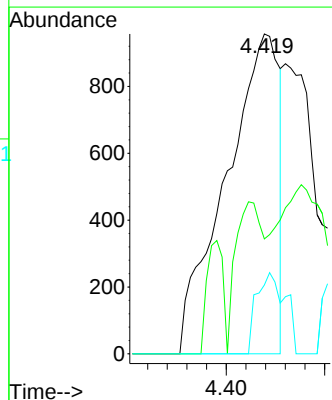
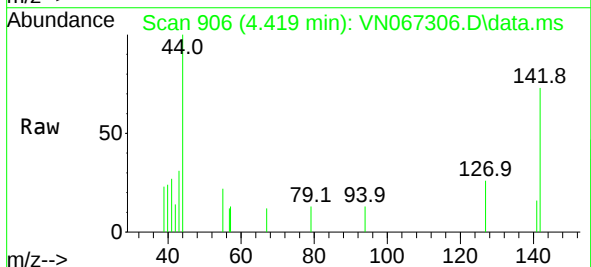


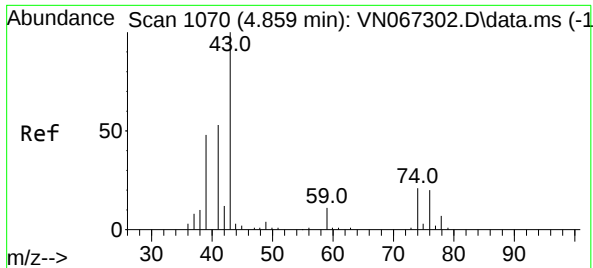
Tgt Ion:101 Resp: 1993
Ion Ratio Lower Upper
101 100
103 77.3 53.7 80.5



#11
Methyl Iodide
Concen: 0.357 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion:142 Resp: 1795
Ion Ratio Lower Upper
142 100
127 27.0 27.2 81.5#
141 24.5 6.9 20.7#

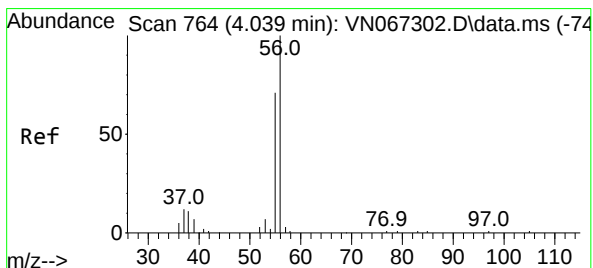
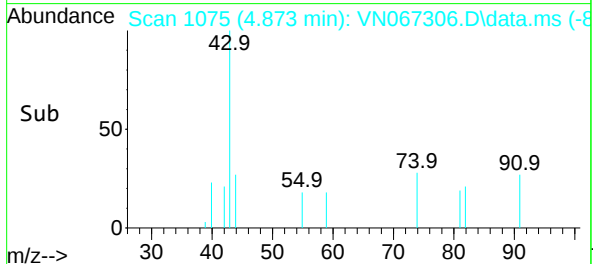
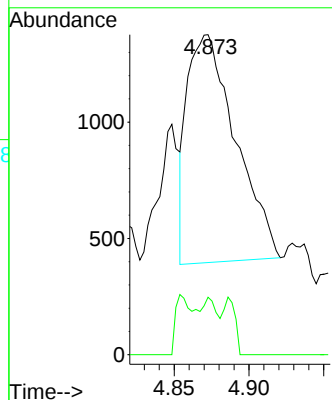
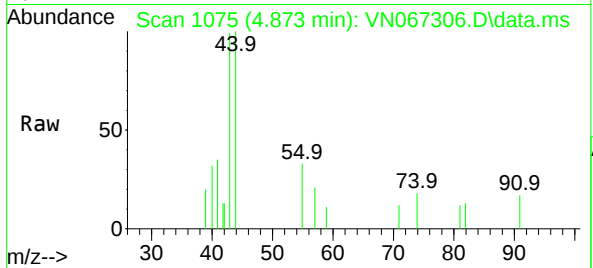




#12
Methyl Acetate
Concen: 0.356 ug/l
RT: 4.873 min Scan# 1075
Delta R.T. 0.013 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

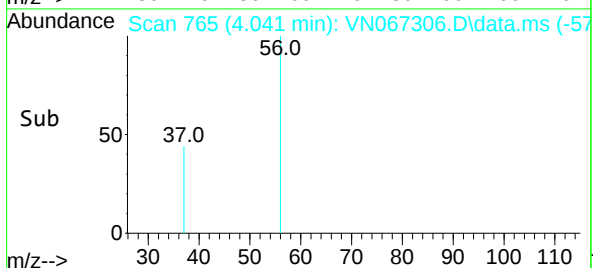
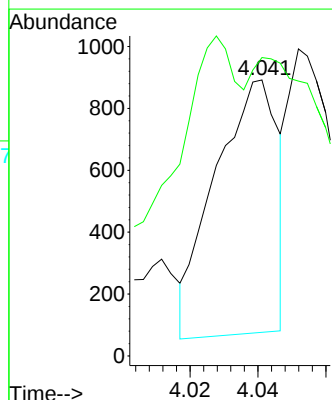
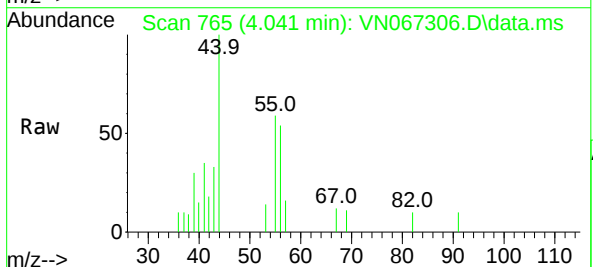
Instrument :
MSVOA_N
ClientSampled :
IBLK

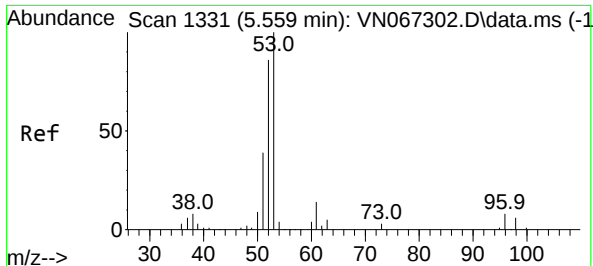
Tgt Ion: 43 Resp: 2208
Ion Ratio Lower Upper
43 100
74 16.1 16.6 25.0#



#13
Acrolein
Concen: 1.417 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 56 Resp: 1050
Ion Ratio Lower Upper
56 100
55 62.8 57.5 86.3

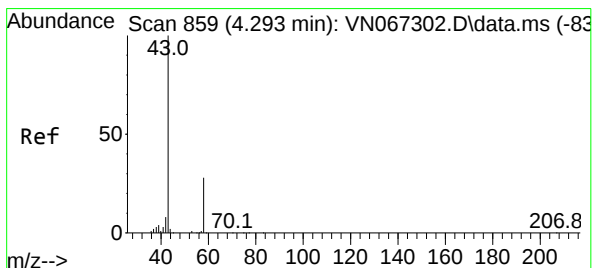
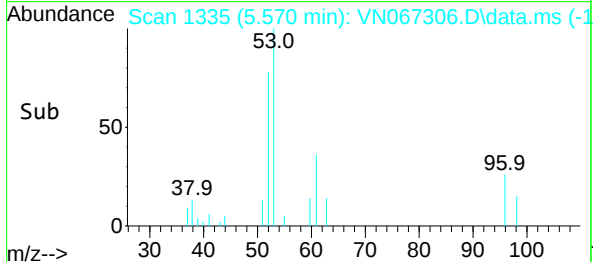
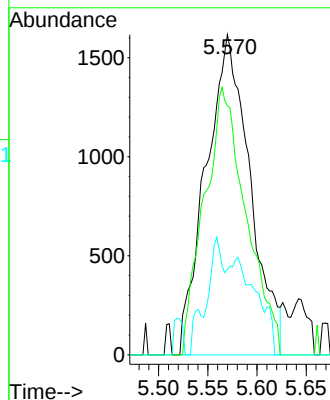
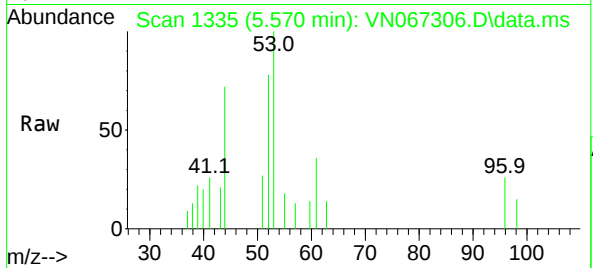




#14
Acrylonitrile
Concen: 1.930 ug/l
RT: 5.570 min Scan# 1335
Delta R.T. 0.011 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

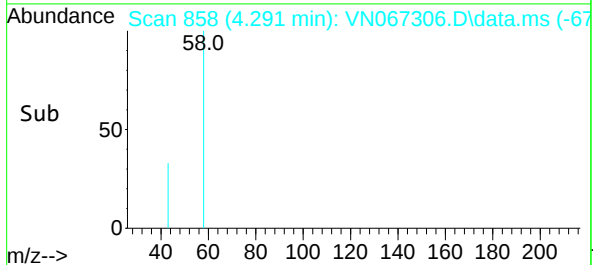
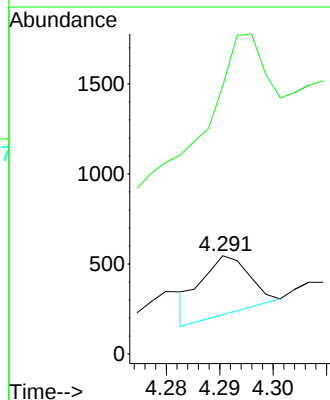
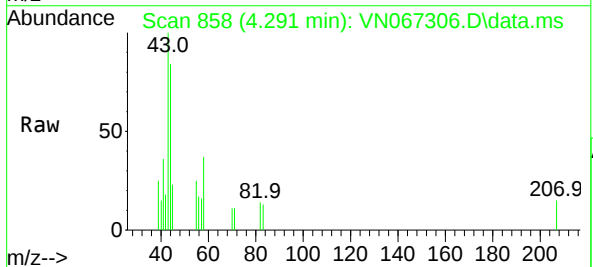
Instrument :
MSVOA_N
ClientSampled :
IBLK

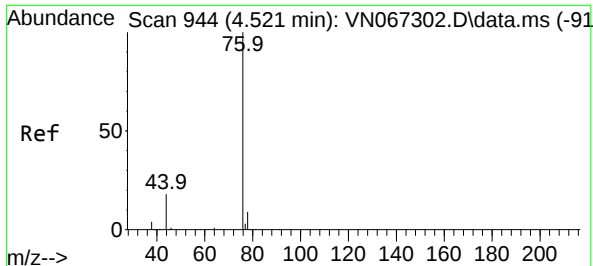
Tgt Ion: 53 Resp: 5030
Ion Ratio Lower Upper
53 100
52 79.5 41.8 125.4
51 6.4 18.1 54.3#



#15
Acetone
Concen: 0.327 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 58 Resp: 213
Ion Ratio Lower Upper
58 100
43 159.6 289.6 434.4#

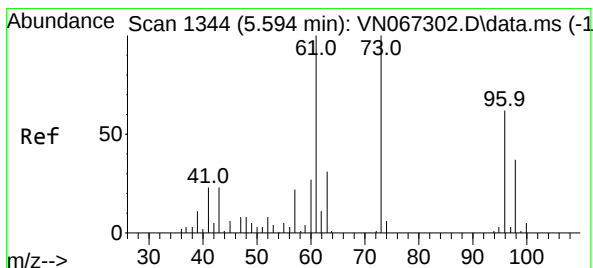
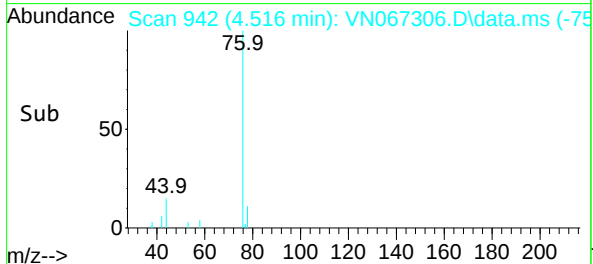
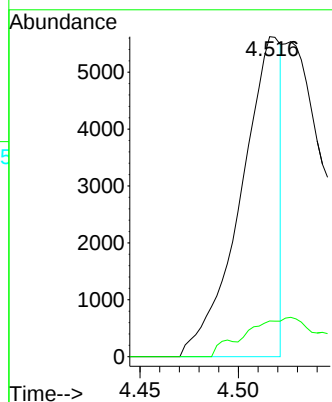
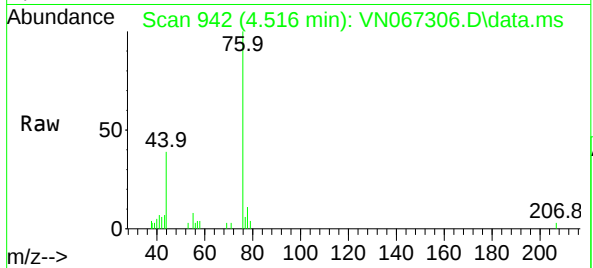




#16
Carbon Disulfide
Concen: 0.599 ug/l
RT: 4.516 min Scan# 942
Delta R.T. -0.005 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

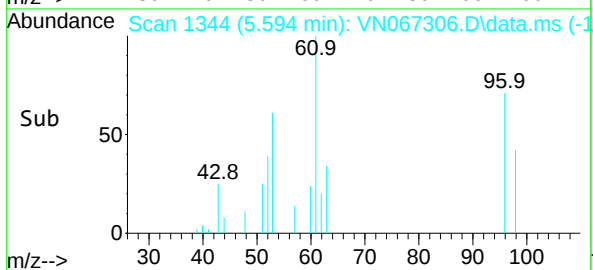
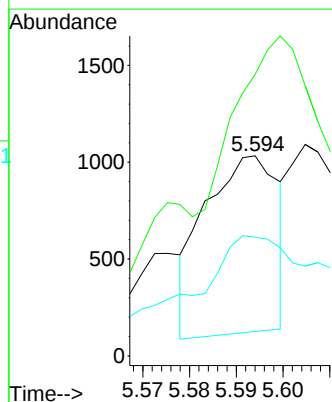
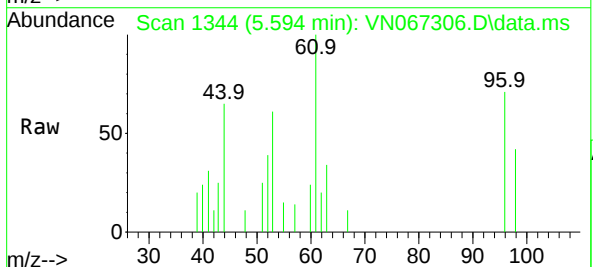
Instrument :
MSVOA_N
ClientSampled :
IBLK

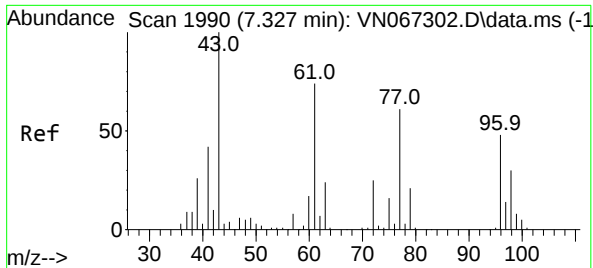
Tgt Ion: 76 Resp: 7951
Ion Ratio Lower Upper
76 100
78 11.1 7.0 10.4#



#19
trans-1,2-Dichloroethene
Concen: 0.218 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 96 Resp: 995
Ion Ratio Lower Upper
96 100
61 131.3 129.3 193.9
98 57.5 48.0 72.0

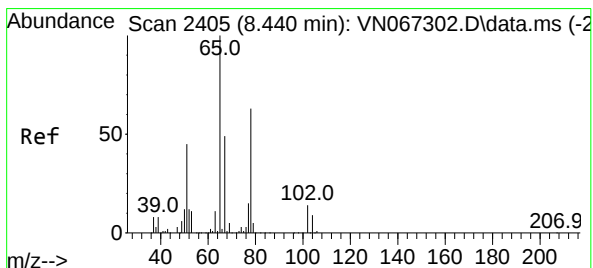
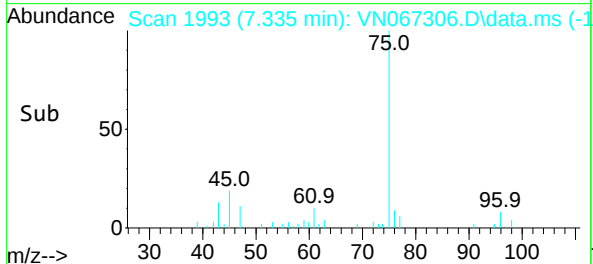
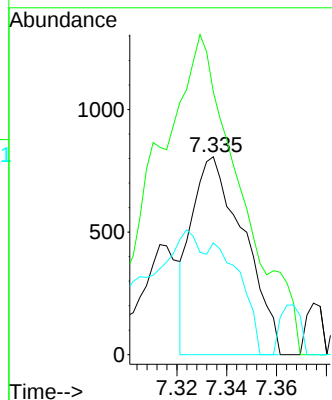
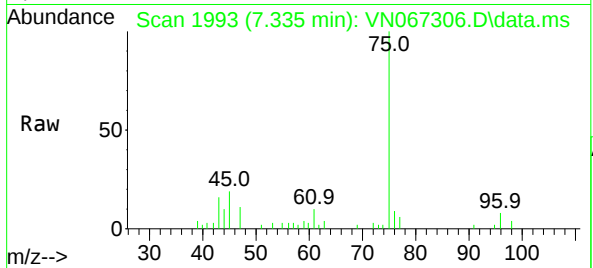




#22
 cis-1,2-Dichloroethene
 Concen: 0.216 ug/l
 RT: 7.335 min Scan# 1993
 Delta R.T. 0.008 min
 Lab File: VN067306.D
 Acq: 11 Jun 2021 23:59

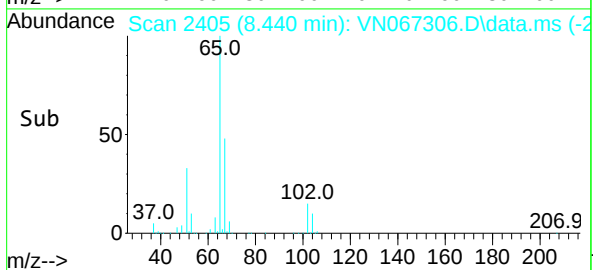
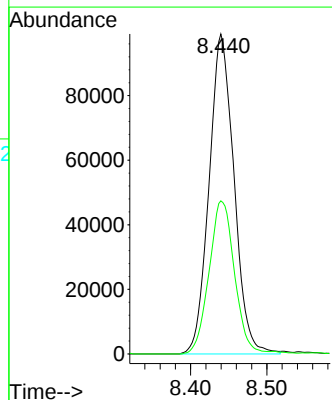
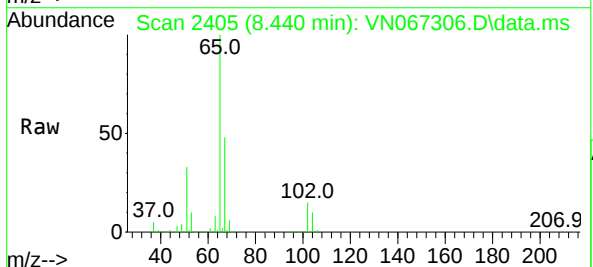
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

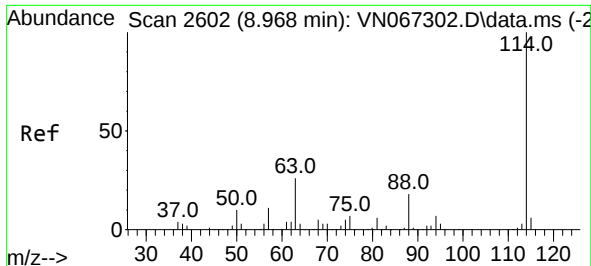
Tgt Ion: 96 Resp: 1172
 Ion Ratio Lower Upper
 96 100
 61 129.6 131.2 196.8#
 98 11.0 50.7 76.1#



#27
 1,2-Dichloroethane-d4
 Concen: 30.989 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067306.D
 Acq: 11 Jun 2021 23:59

Tgt Ion: 65 Resp: 224978
 Ion Ratio Lower Upper
 65 100
 67 48.6 39.8 59.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN067306.D

Acq: 11 Jun 2021 23:59

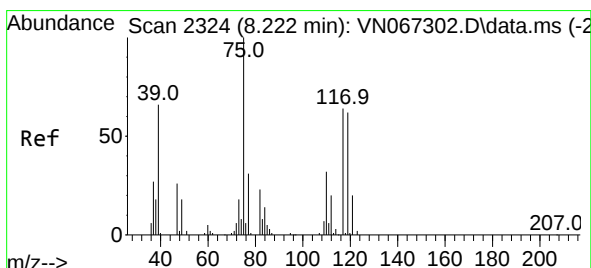
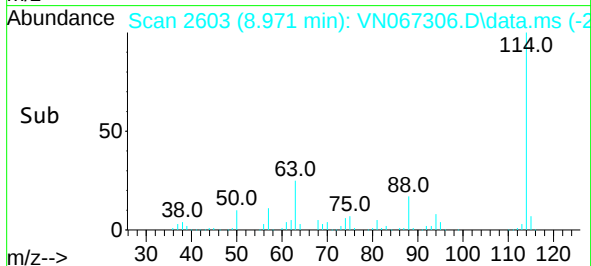
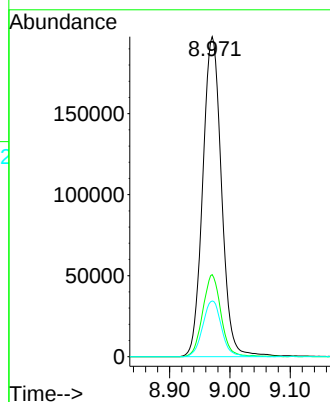
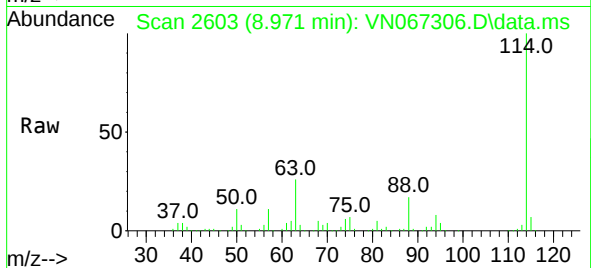
Tgt Ion:114 Resp: 427342

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

88 17.4 14.6 22.0



#29

1,1-Dichloropropene

Concen: 0.415 ug/l

RT: 8.222 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VN067306.D

Acq: 11 Jun 2021 23:59

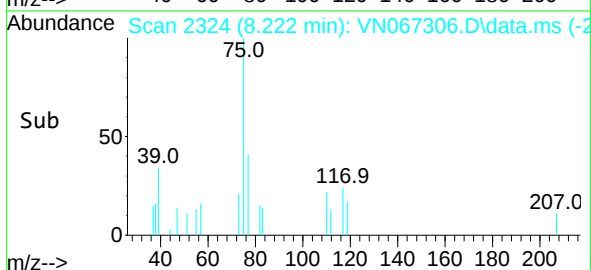
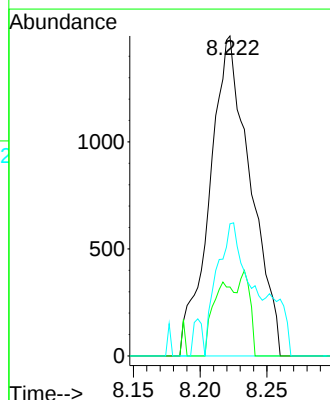
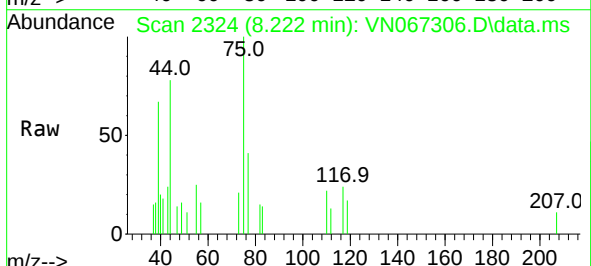
Tgt Ion: 75 Resp: 3174

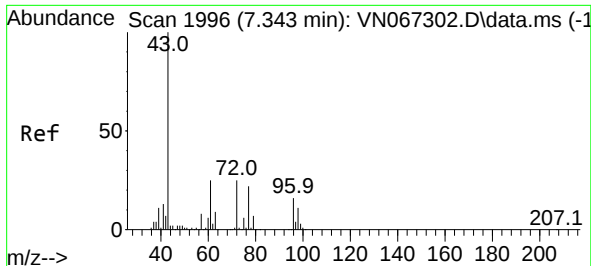
Ion Ratio Lower Upper

75 100

110 13.0 0.0 63.4

77 32.6 0.0 63.0

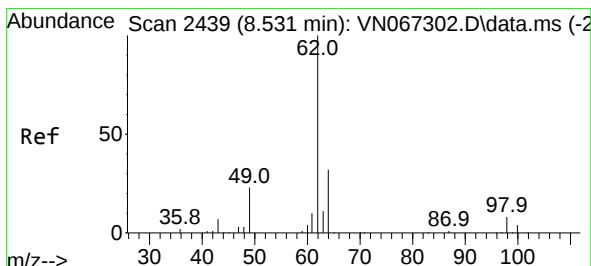
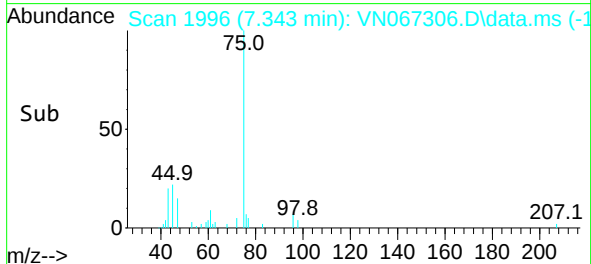
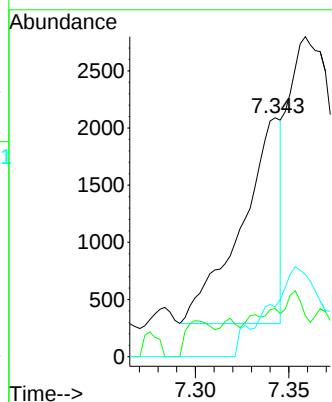
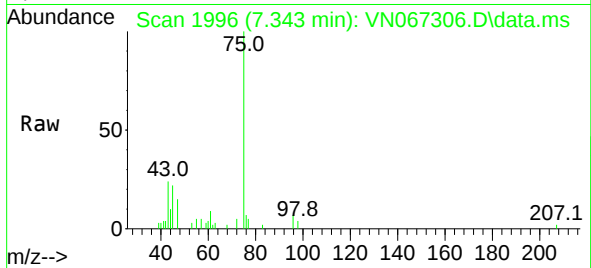




#30
2-Butanone
Concen: 0.679 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

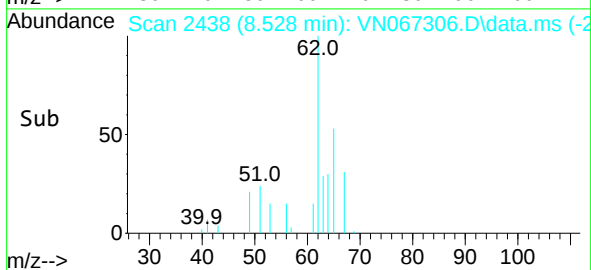
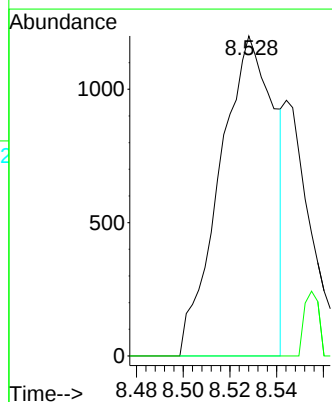
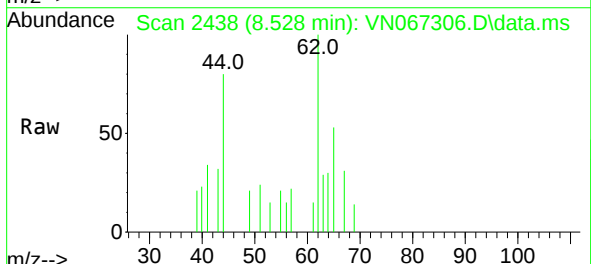
Instrument :
MSVOA_N
ClientSampled :
IBLK

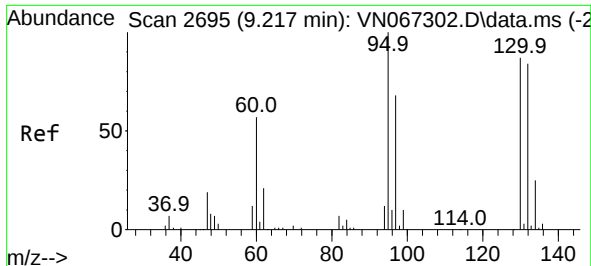
Tgt Ion: 43 Resp: 2665
Ion Ratio Lower Upper
43 100
57 3.6 6.9 10.3#
72 8.1 20.0 30.0#



#36
1,2-Dichloroethane
Concen: 0.212 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 62 Resp: 1944
Ion Ratio Lower Upper
62 100
98 5.3 6.0 9.0#





#37

Trichloroethene

Concen: 0.485 ug/l

RT: 9.223 min Scan# 2697

Delta R.T. 0.005 min

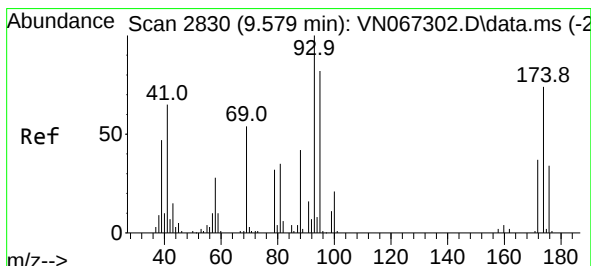
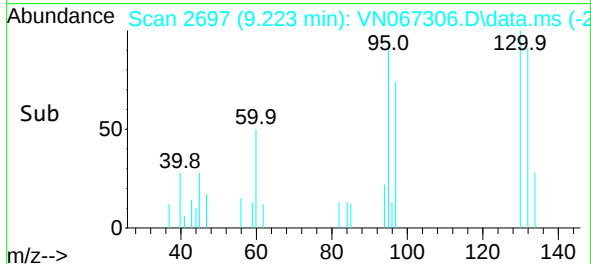
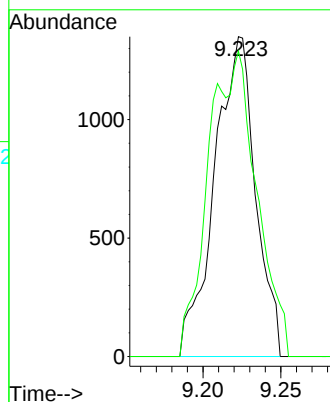
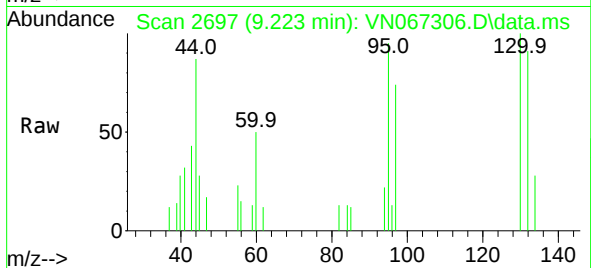
Lab File: VN067306.D

Acq: 11 Jun 2021 23:59

Tgt Ion:130 Resp: 2469

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
130	100		
95	95.5	92.2	138.2



#40

Dibromomethane

Concen: 0.241 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.003 min

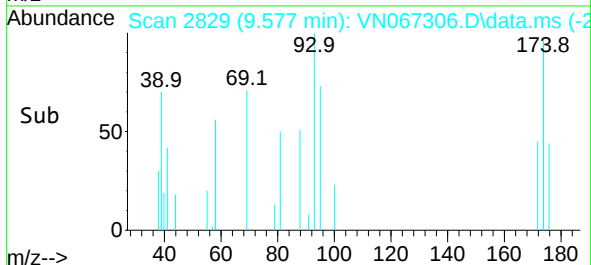
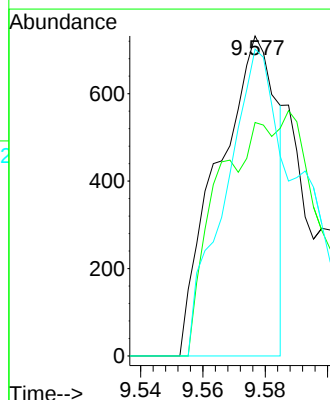
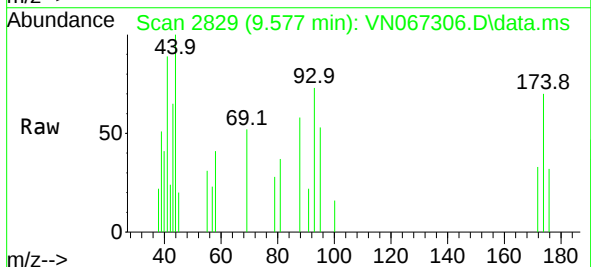
Lab File: VN067306.D

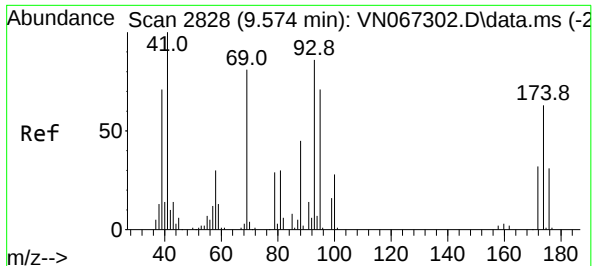
Acq: 11 Jun 2021 23:59

Tgt Ion: 93 Resp: 962

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
93	100		
95	9.6	0.0	167.6
174	89.9	0.0	148.4





#45

1,4-Dioxane

Concen: 6.303 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

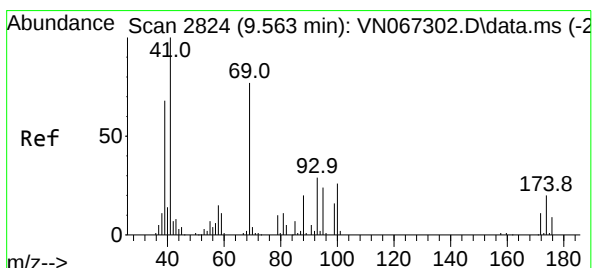
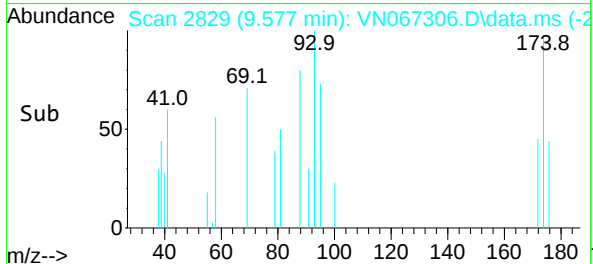
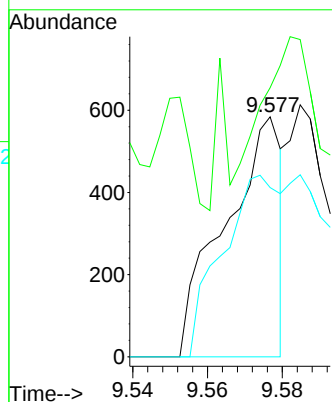
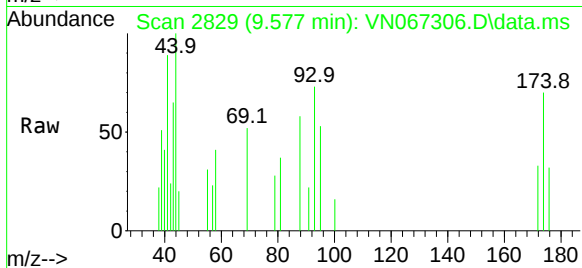
Lab File: VN067306.D

Acq: 11 Jun 2021 23:59

Tgt Ion: 88 Resp: 606

Ion Ratio Lower Upper

88	100		
43	11.4	18.0	27.0#
58	78.1	57.7	86.5



#46

Methyl methacrylate

Concen: 0.264 ug/l

RT: 9.566 min Scan# 2825

Delta R.T. 0.003 min

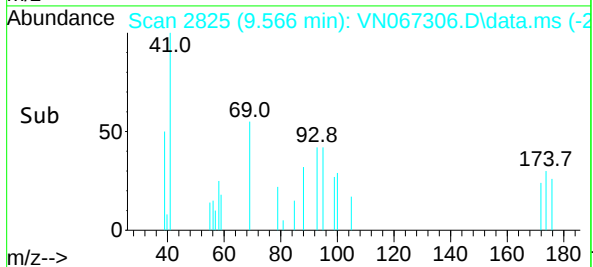
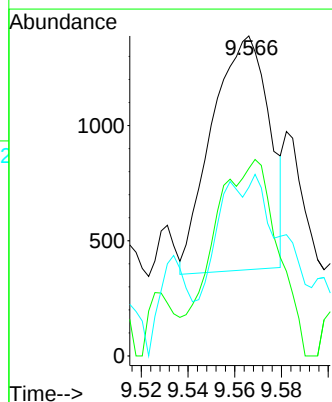
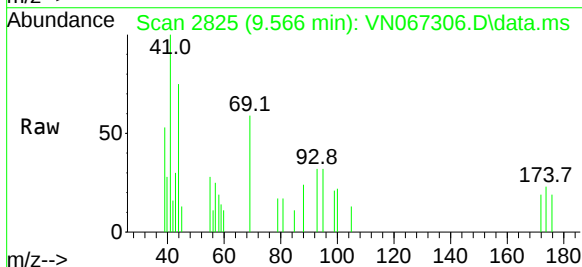
Lab File: VN067306.D

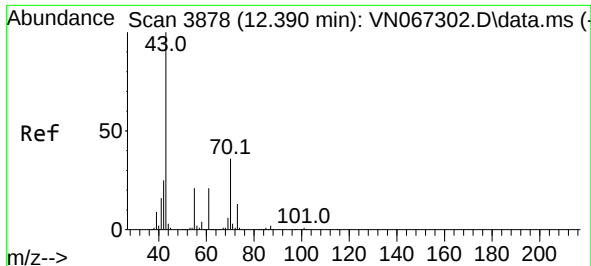
Acq: 11 Jun 2021 23:59

Tgt Ion: 41 Resp: 1734

Ion Ratio Lower Upper

41	100		
69	66.1	38.0	114.1
39	36.0	33.9	101.7

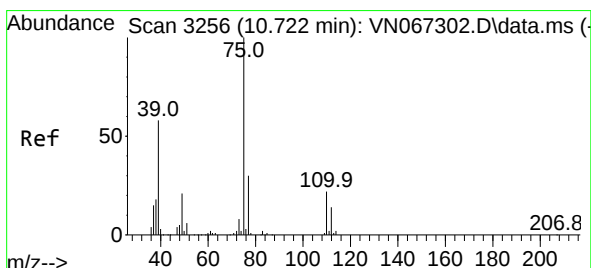
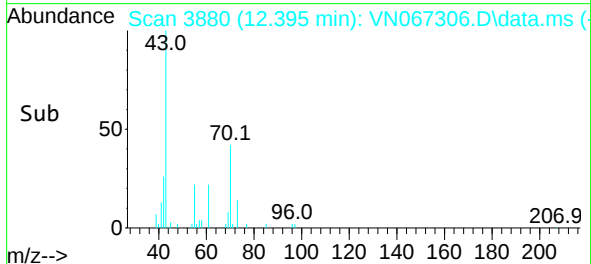
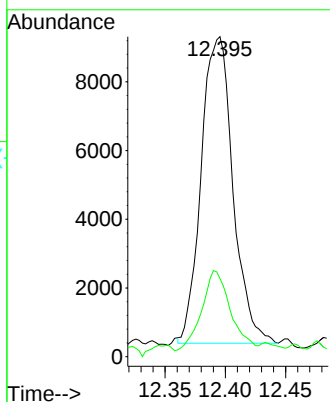
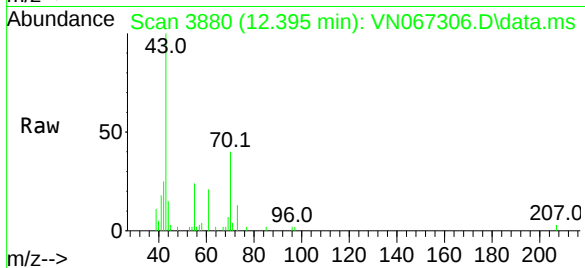




#47
n-amy1 Acetate
Concen: 1.305 ug/l
RT: 12.395 min Scan# 3880
Delta R.T. 0.005 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

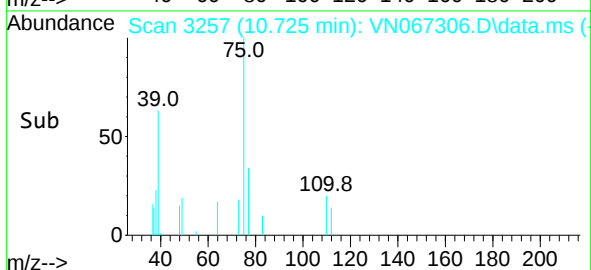
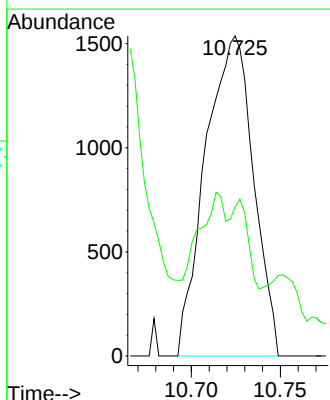
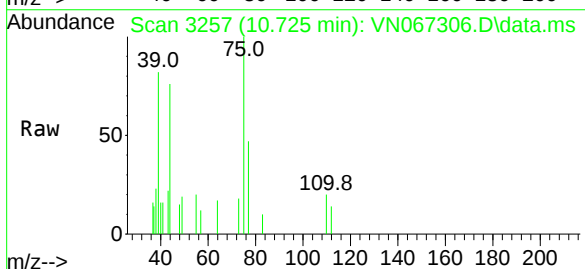
Instrument :
MSVOA_N
ClientSampled :
IBLK

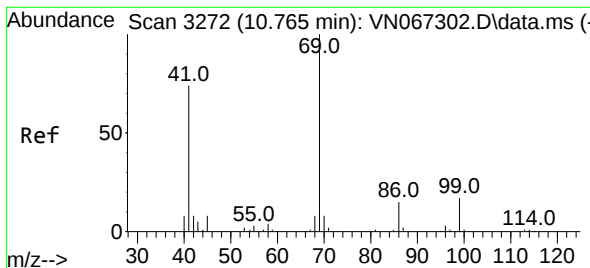
Tgt Ion: 43 Resp: 16346
Ion Ratio Lower Upper
43 100
55 23.8 17.6 26.4



#48
t-1,3-Dichloropropene
Concen: 0.303 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 75 Resp: 2876
Ion Ratio Lower Upper
75 100
77 23.1 24.6 37.0#

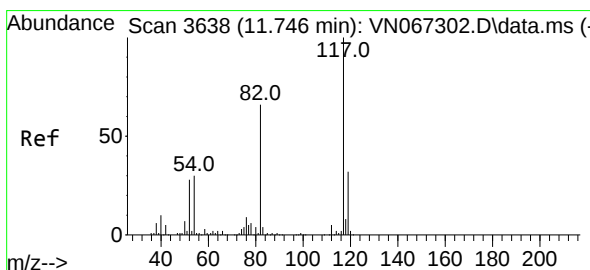
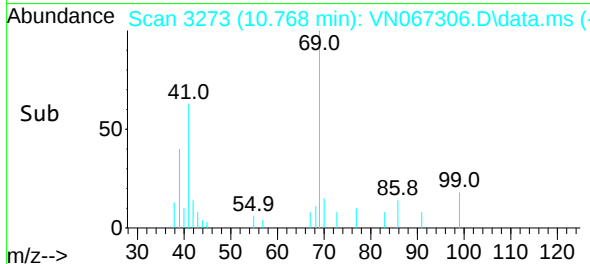
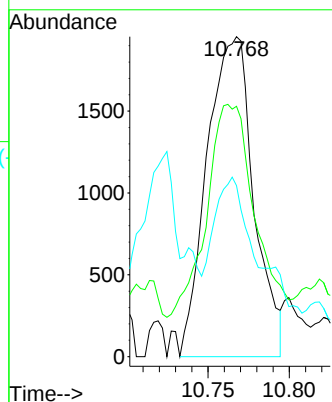
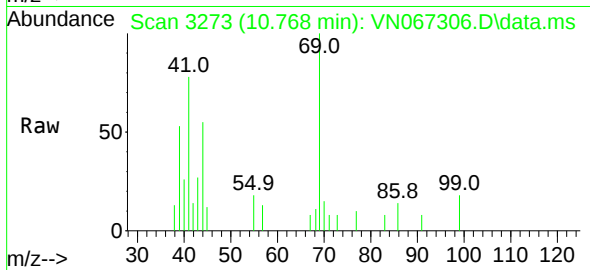




#51
Ethyl methacrylate
Concen: 0.413 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

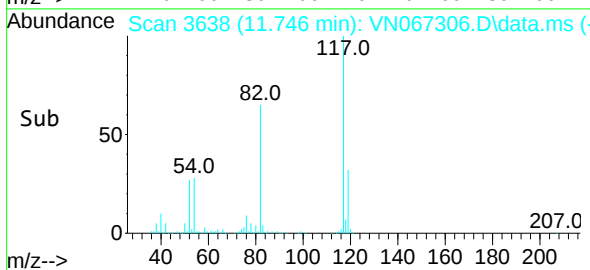
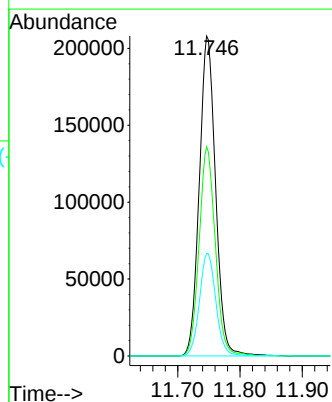
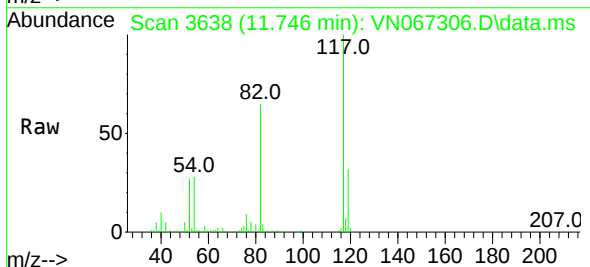
Instrument :
MSVOA_N
ClientSampled :
IBLK

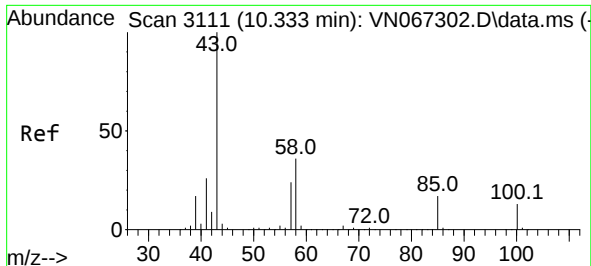
Tgt Ion: 69 Resp: 3905
Ion Ratio Lower Upper
69 100
41 59.5 36.8 110.4
39 27.8 23.8 71.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion:117 Resp: 377673
Ion Ratio Lower Upper
117 100
82 64.5 52.5 78.7
119 32.3 25.8 38.8

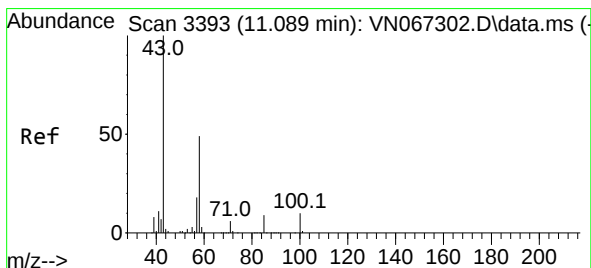
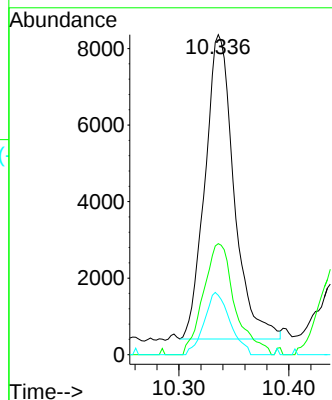
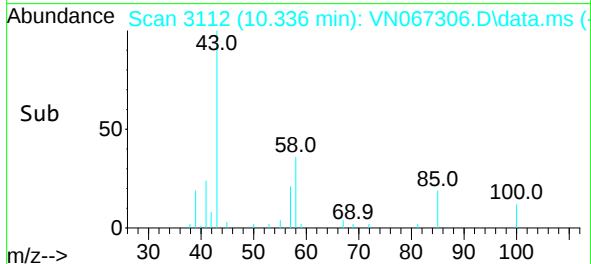
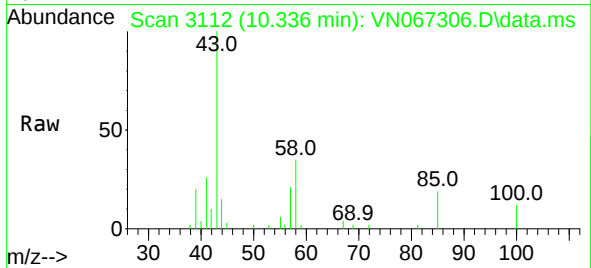




#58
4-Methyl-2-Pentanone
Concen: 1.757 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

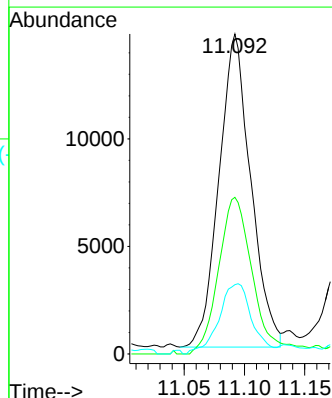
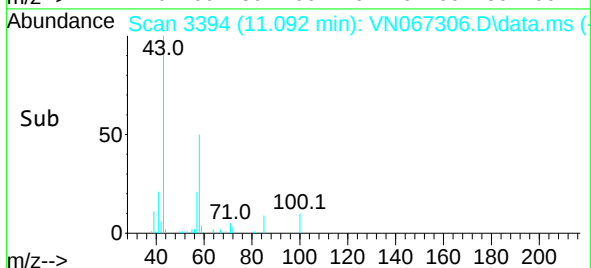
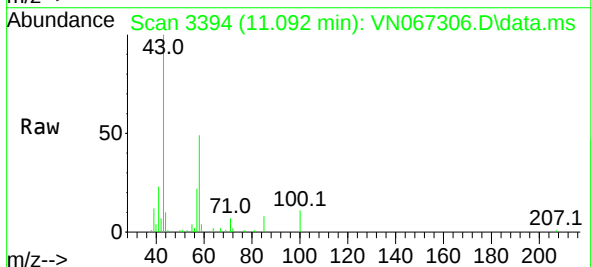
Instrument :
MSVOA_N
ClientSampled :
IBLK

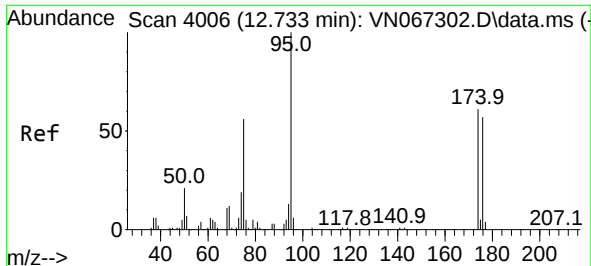
Tgt Ion: 43 Resp: 14586
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.4
85 18.2 13.2 19.8



#59
2-Hexanone
Concen: 4.442 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 43 Resp: 26667
Ion Ratio Lower Upper
43 100
58 52.5 39.4 59.0
57 23.1 14.4 21.6#

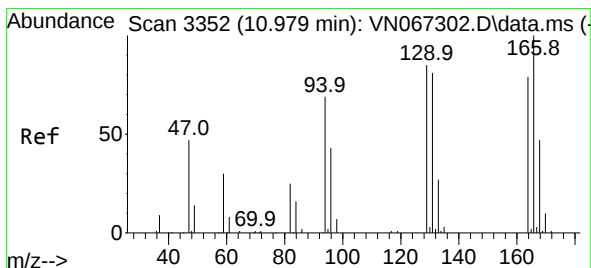
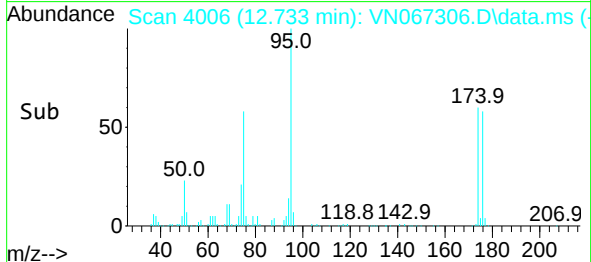
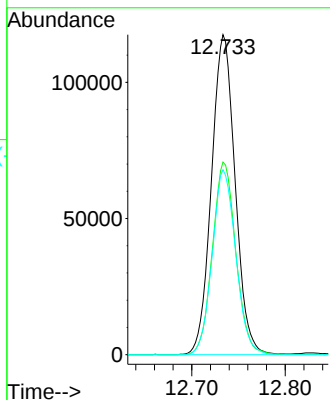
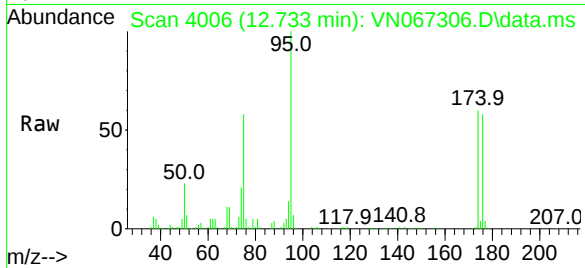




#60
4-Bromofluorobenzene
Concen: 28.394 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

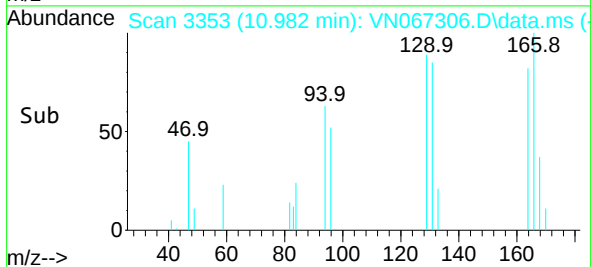
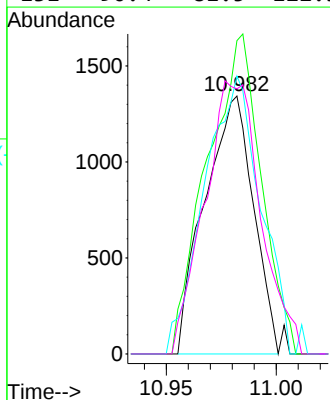
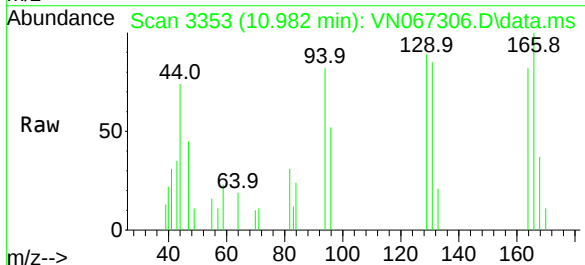
Instrument :
MSVOA_N
ClientSampled :
IBLK

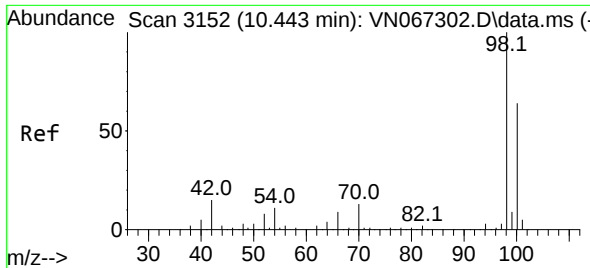
Tgt Ion: 95 Resp: 207032
Ion Ratio Lower Upper
95 100
174 59.7 47.7 71.5
176 57.5 45.7 68.5



#61
Tetrachloroethene
Concen: 0.472 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 164 Resp: 2067
Ion Ratio Lower Upper
164 100
166 104.1 101.0 151.4
129 94.0 85.5 128.3
131 90.4 81.5 122.3

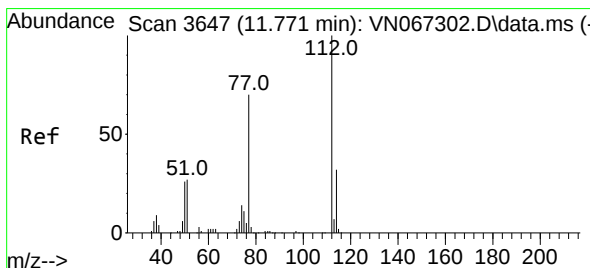
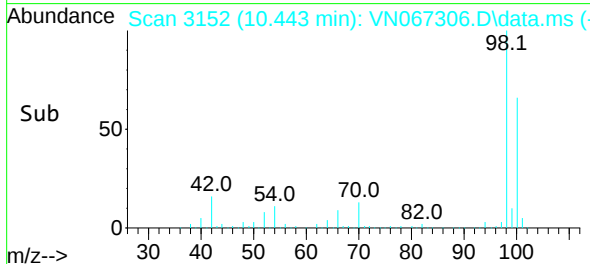
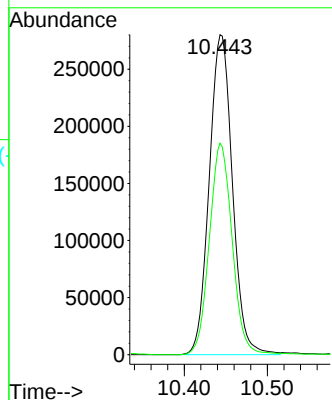
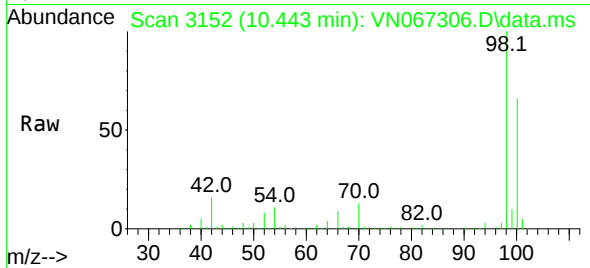




#63
Toluene-d8
Concen: 30.162 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

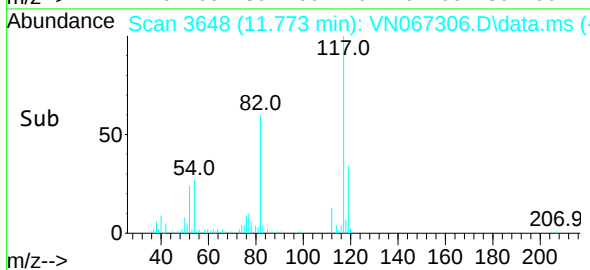
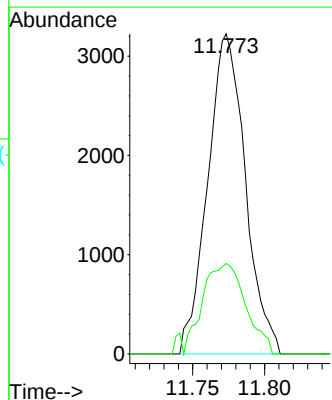
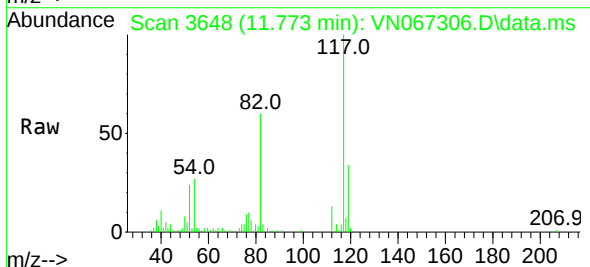
Instrument :
MSVOA_N
ClientSampled :
IBLK

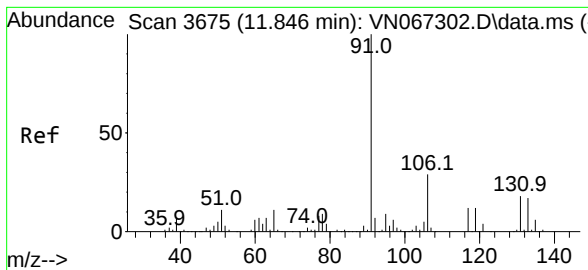
Tgt Ion: 98 Resp: 543267
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8



#64
Chlorobenzene
Concen: 0.441 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 112 Resp: 5858
Ion Ratio Lower Upper
112 100
114 28.2 25.4 38.0

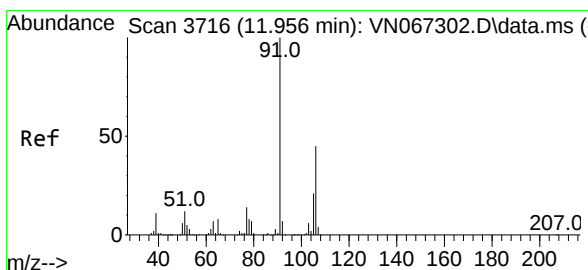
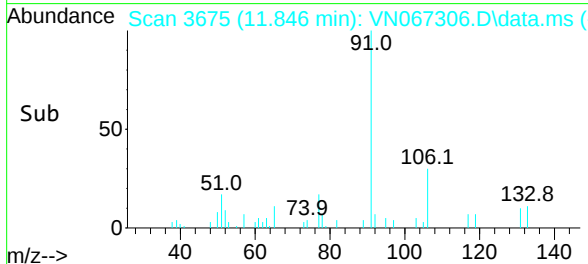
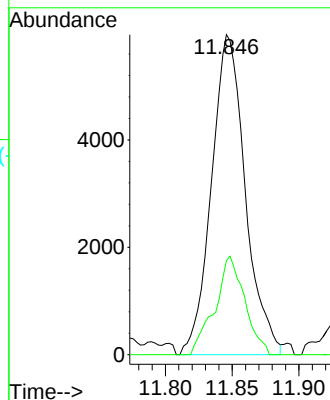
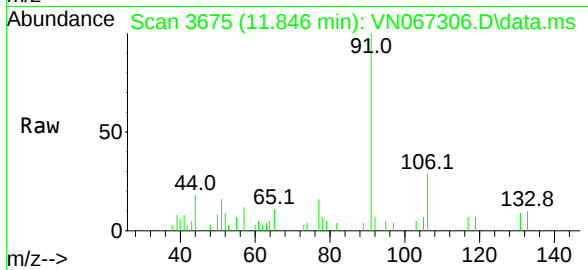




#66
Ethyl Benzene
Concen: 0.400 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

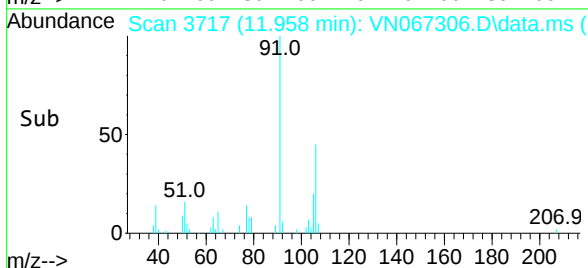
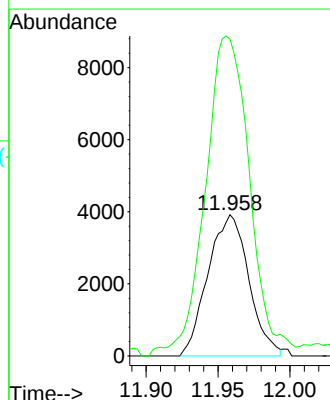
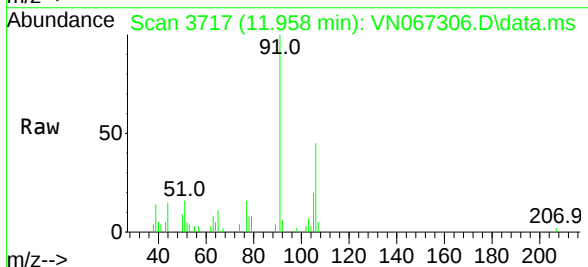
Instrument :
MSVOA_N
ClientSampled :
IBLK

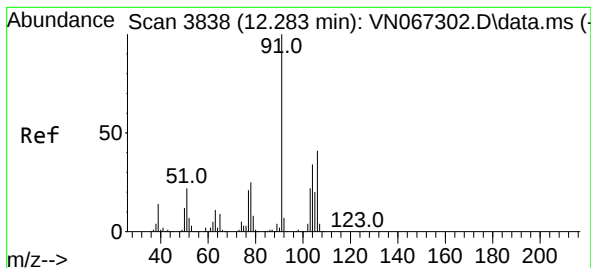
Tgt Ion: 91 Resp: 10494
Ion Ratio Lower Upper
91 100
106 29.4 23.4 35.0



#67
m/p-Xylenes
Concen: 0.835 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion:106 Resp: 7732
Ion Ratio Lower Upper
106 100
91 225.5 181.3 271.9

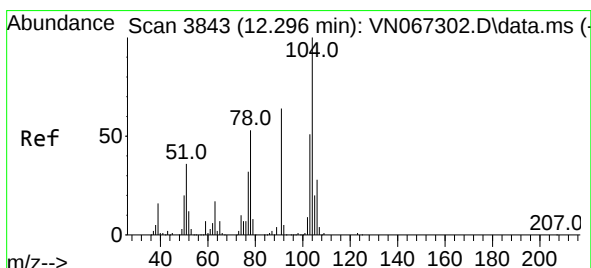
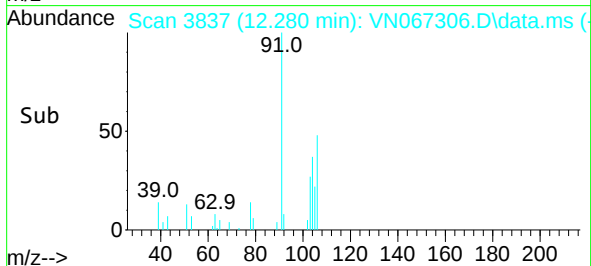
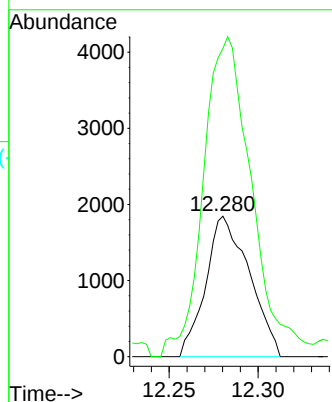
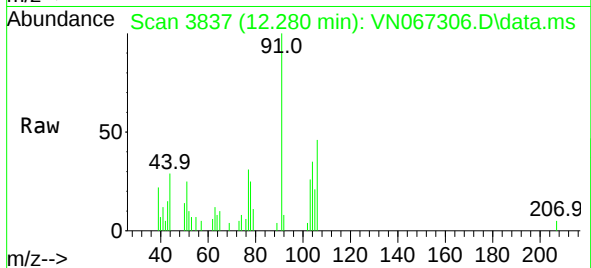




#68
o-Xylene
Concen: 0.340 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

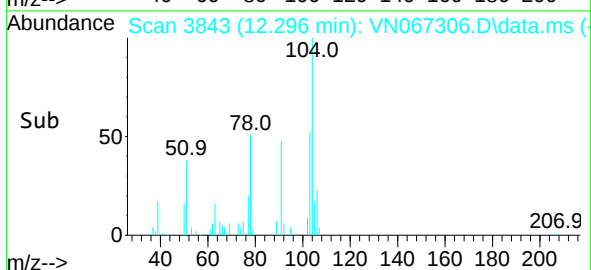
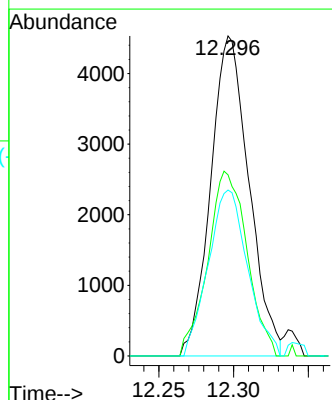
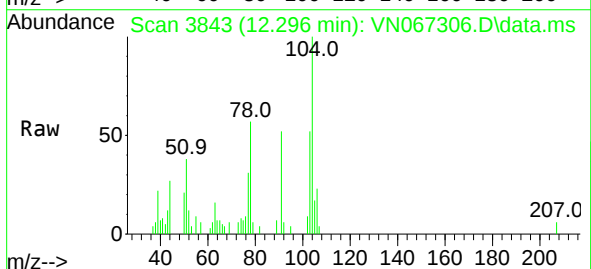
Instrument :
MSVOA_N
ClientSampled :
IBLK

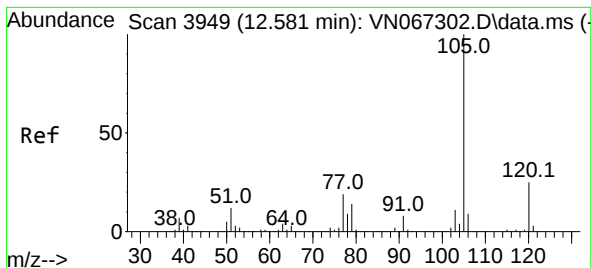
Tgt Ion:106 Resp: 3143
Ion Ratio Lower Upper
106 100
91 224.8 120.0 360.0



#69
Styrene
Concen: 0.519 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion:104 Resp: 8059
Ion Ratio Lower Upper
104 100
78 59.1 48.2 72.2
103 53.4 44.5 66.7





#70

Isopropylbenzene

Concen: 0.400 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.003 min

Lab File: VN067306.D

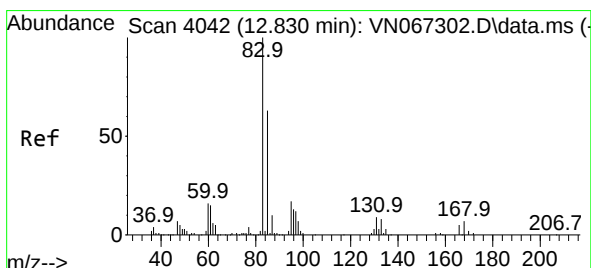
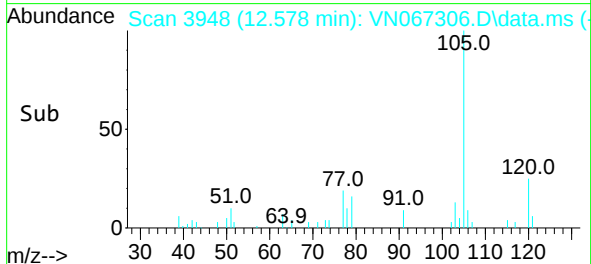
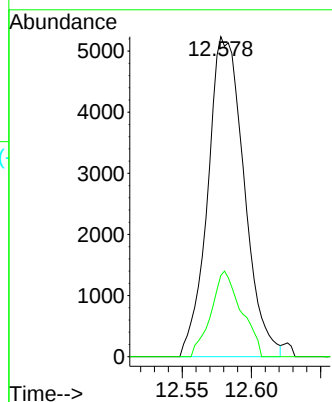
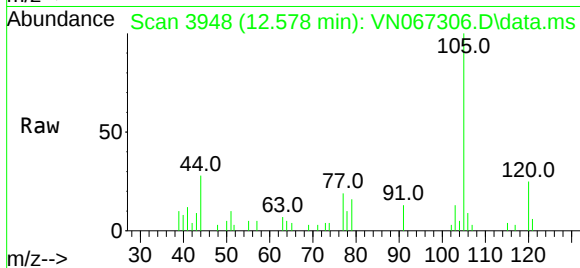
Acq: 11 Jun 2021 23:59

Tgt Ion: 105 Resp: 9533

Ion Ratio Lower Upper

105 100

120 22.4 17.6 32.6



#71

1,1,2,2-Tetrachloroethane

Concen: 0.683 ug/l

RT: 12.833 min Scan# 4043

Delta R.T. 0.003 min

Lab File: VN067306.D

Acq: 11 Jun 2021 23:59

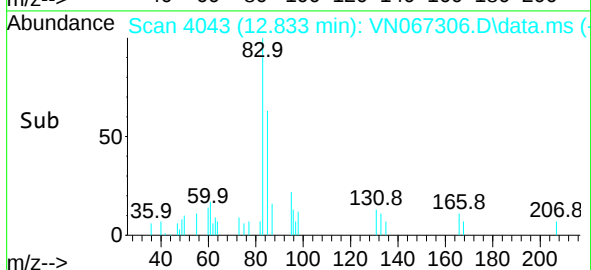
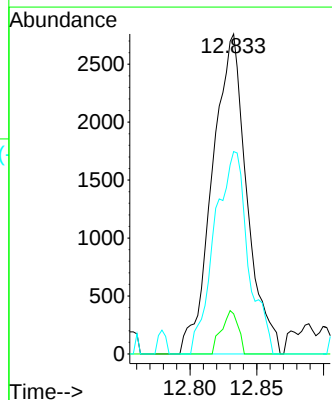
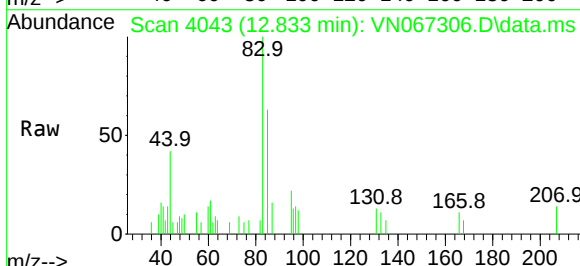
Tgt Ion: 83 Resp: 4945

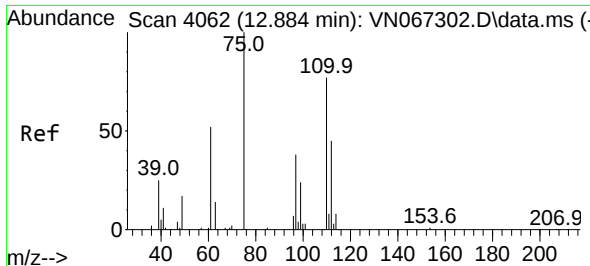
Ion Ratio Lower Upper

83 100

131 6.5 4.7 14.0

85 57.6 32.2 96.6

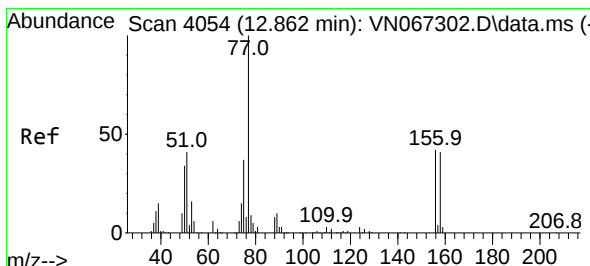
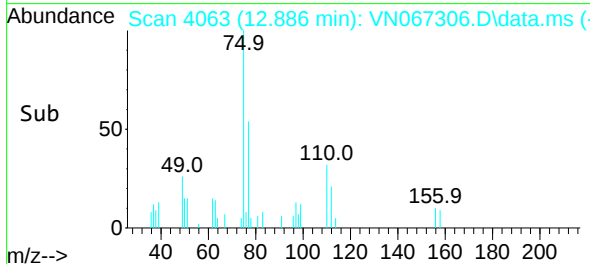
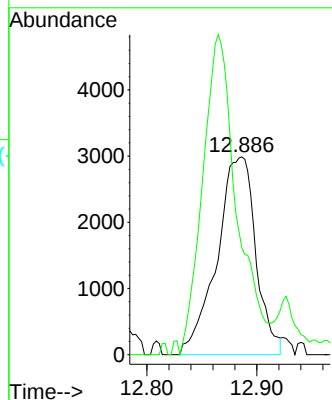
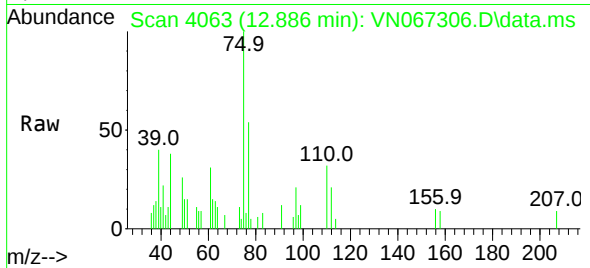




#72
1,2,3-Trichloropropane
Concen: 1.018 ug/l
RT: 12.886 min Scan# 4063
Delta R.T. 0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

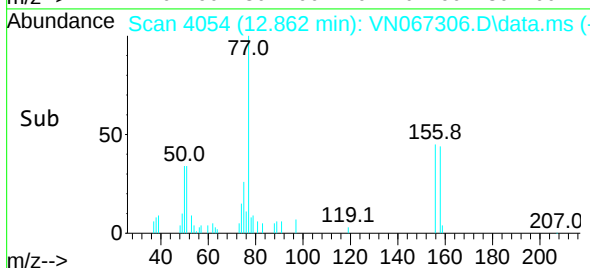
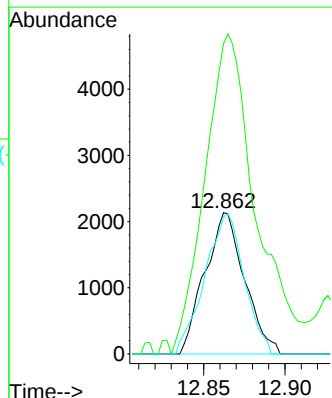
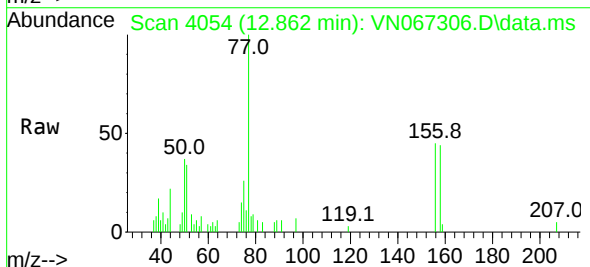
Instrument :
MSVOA_N
ClientSampled :
IBLK

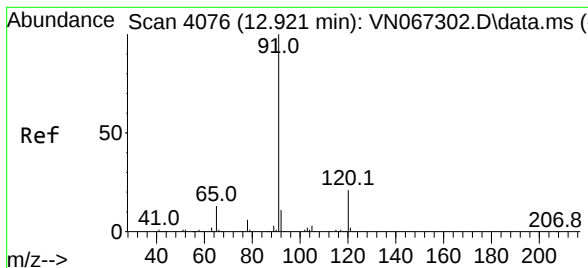
Tgt Ion: 75 Resp: 7350
Ion Ratio Lower Upper
75 100
77 142.9 0.0 374.2



#73
Bromobenzene
Concen: 0.731 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 156 Resp: 3624
Ion Ratio Lower Upper
156 100
77 289.9 0.0 548.0
158 98.4 0.0 194.0

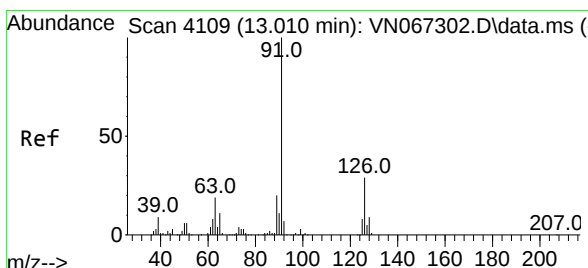
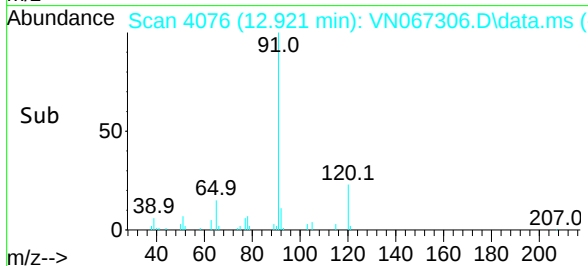
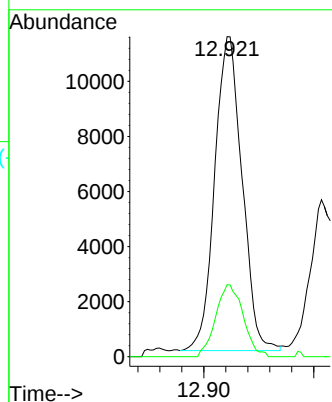
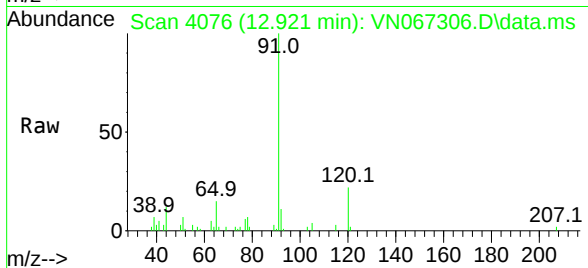




#74
n-propylbenzene
Concen: 0.690 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

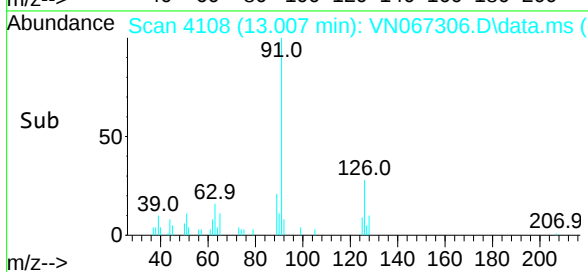
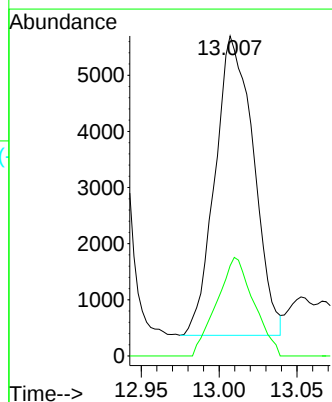
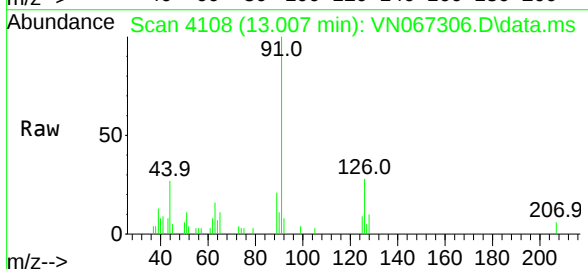
Instrument :
MSVOA_N
ClientSampled :
IBLK

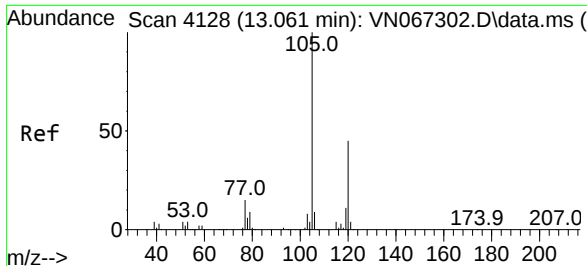
Tgt Ion: 91 Resp: 19742
Ion Ratio Lower Upper
91 100
120 22.6 0.0 41.0



#75
2-Chlorotoluene
Concen: 0.505 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 91 Resp: 9155
Ion Ratio Lower Upper
91 100
126 31.7 0.0 0.0#

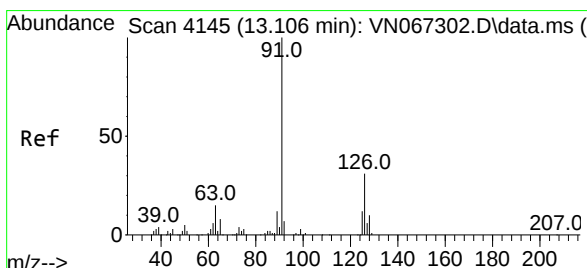
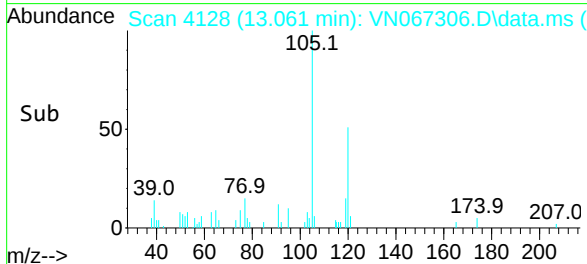
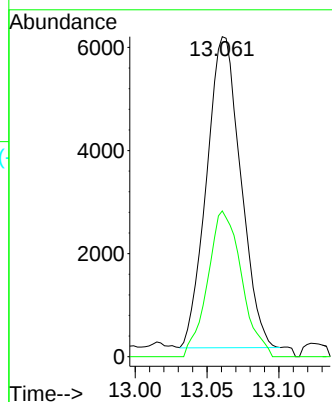
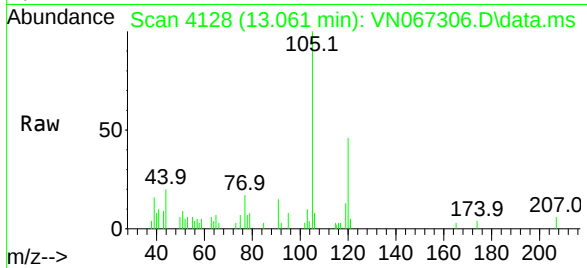




#76
1,3,5-Trimethylbenzene
Concen: 0.493 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

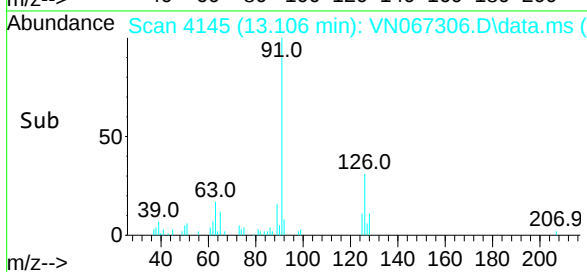
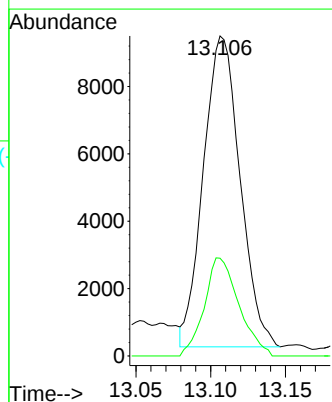
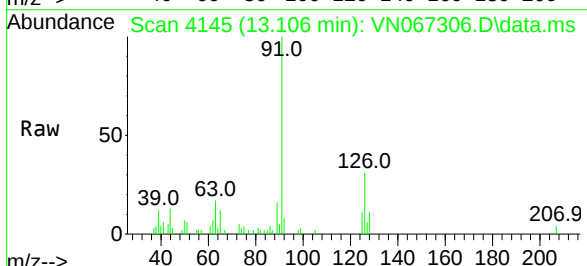
Instrument :
MSVOA_N
ClientSampled :
IBLK

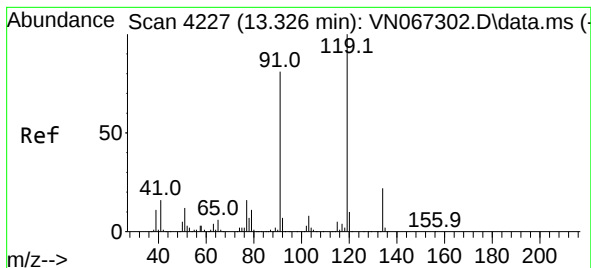
Tgt Ion:105 Resp: 9950
Ion Ratio Lower Upper
105 100
120 46.4 0.0 90.2



#78
4-Chlorotoluene
Concen: 0.874 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion: 91 Resp: 15754
Ion Ratio Lower Upper
91 100
126 29.7 0.0 57.6

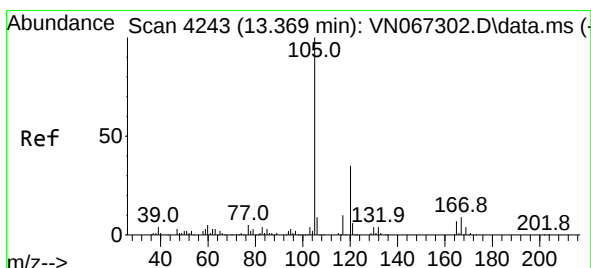
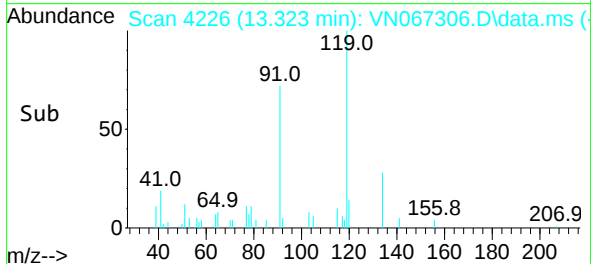
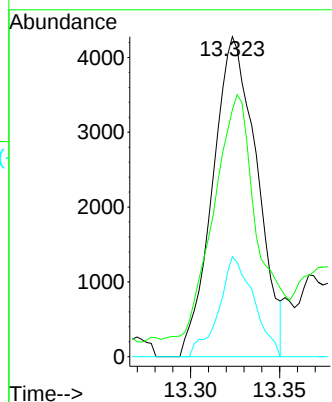
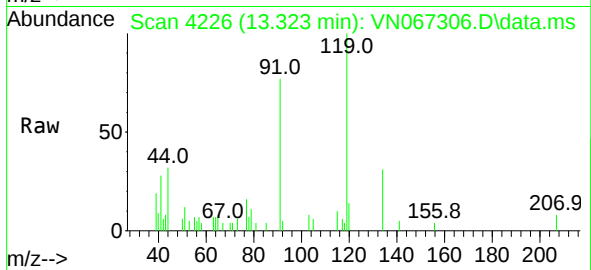




#79
tert-butylbenzene
Concen: 0.455 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

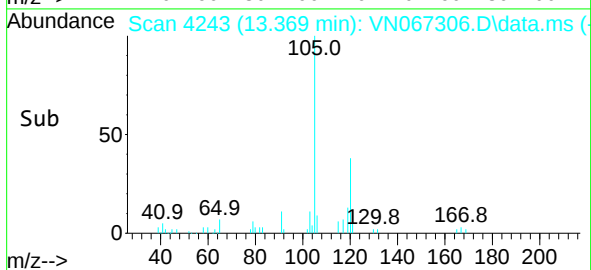
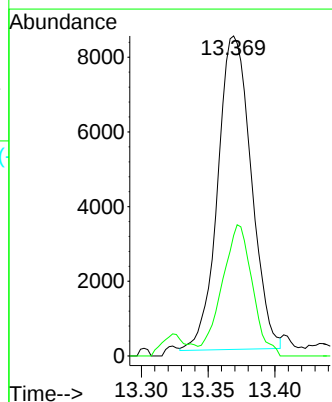
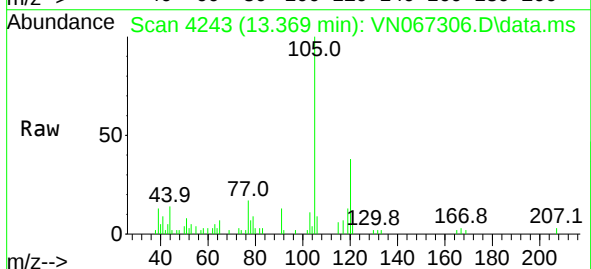
Instrument :
MSVOA_N
ClientSampled :
IBLK

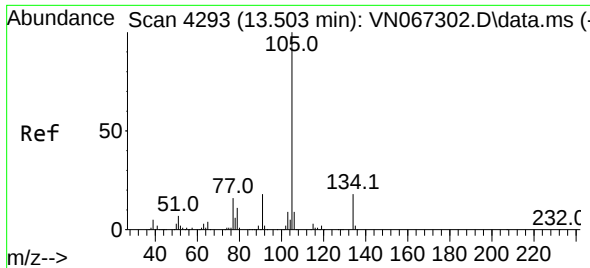
Tgt Ion:119 Resp: 7367
Ion Ratio Lower Upper
119 100
91 75.6 0.0 158.4
134 24.8 0.0 43.6



#80
1,2,4-Trimethylbenzene
Concen: 0.736 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion:105 Resp: 14651
Ion Ratio Lower Upper
105 100
120 37.9 0.0 0.4#

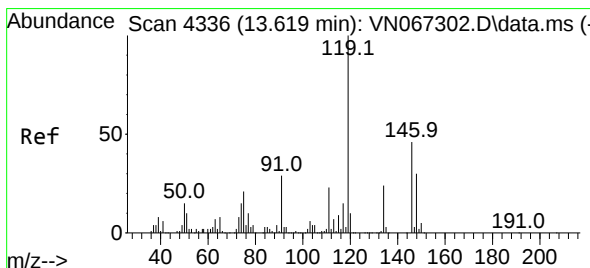
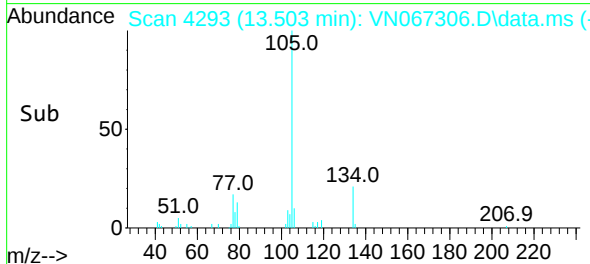
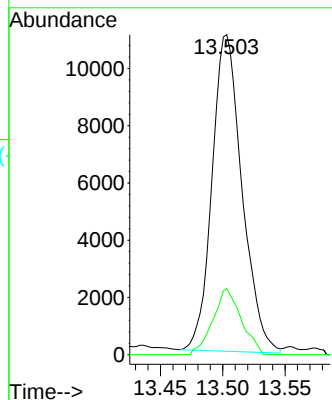
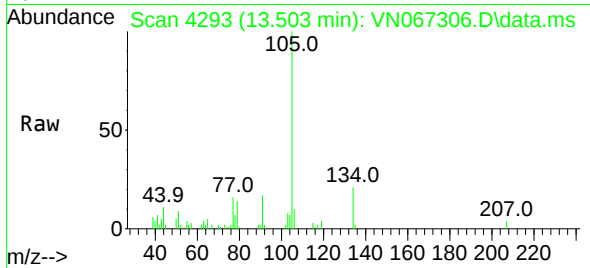




#81
 sec-Butylbenzene
 Concen: 0.823 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN067306.D
 Acq: 11 Jun 2021 23:59

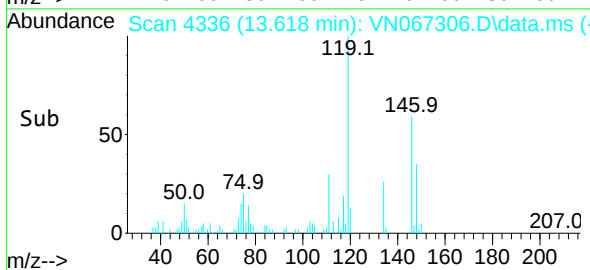
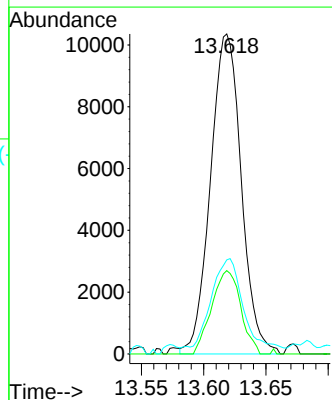
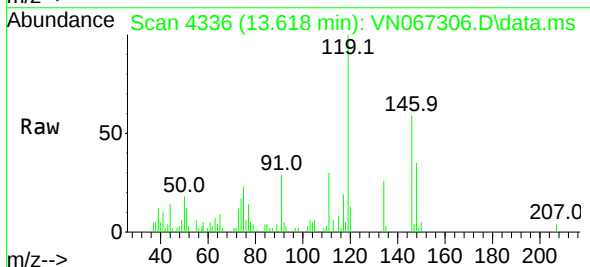
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

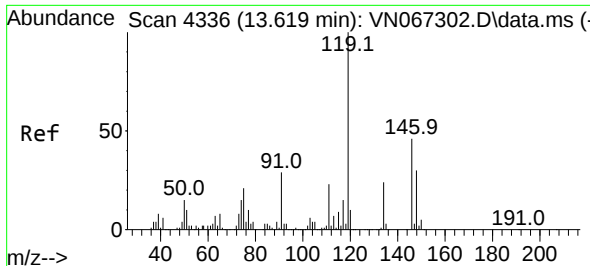
Tgt Ion:105 Resp: 18528
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 35.4



#82
 p-Isopropyltoluene
 Concen: 0.982 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN067306.D
 Acq: 11 Jun 2021 23:59

Tgt Ion:119 Resp: 17823
 Ion Ratio Lower Upper
 119 100
 134 24.5 0.0 49.0
 91 28.8 0.0 59.6

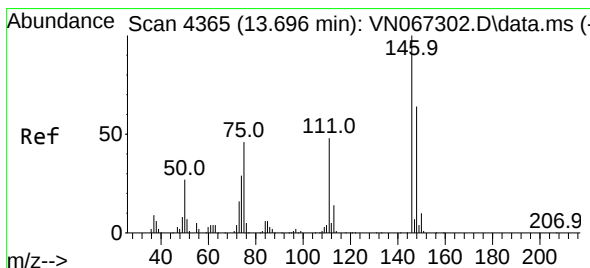
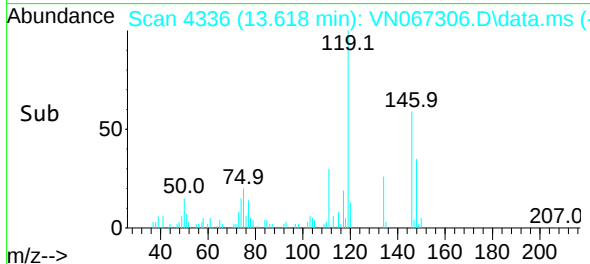
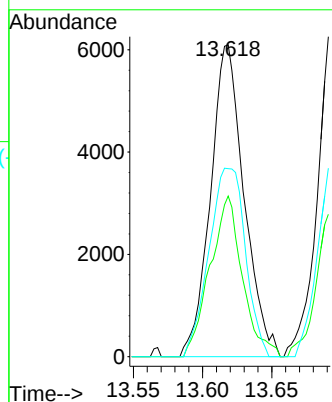
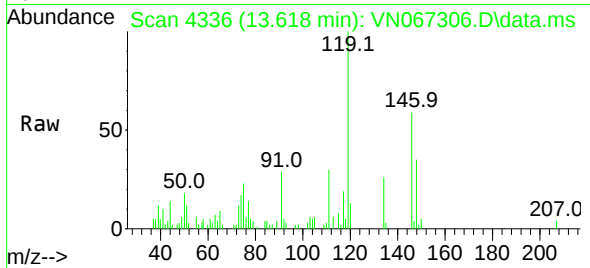




#83
1,3-Dichlorobenzene
Concen: 1.151 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

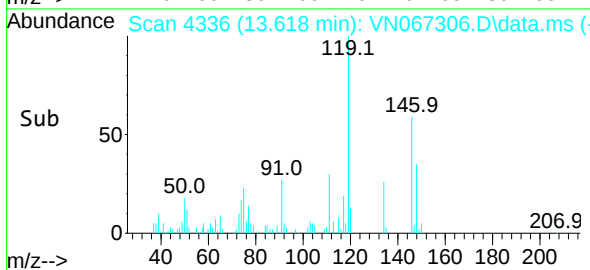
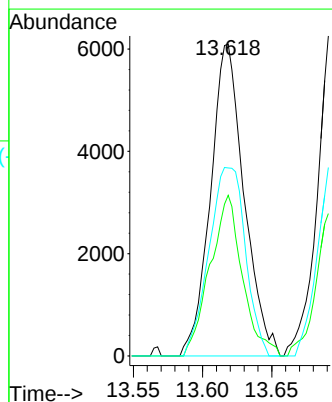
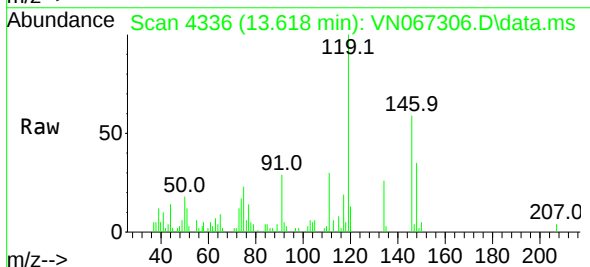
Instrument :
MSVOA_N
ClientSampled :
IBLK

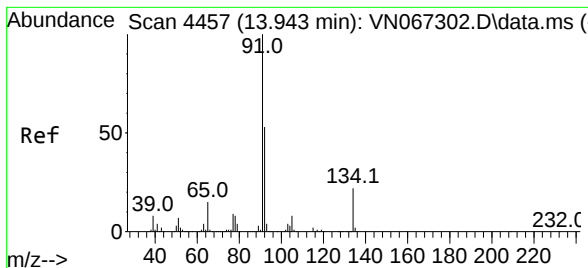
Tgt Ion:146 Resp: 10280
Ion Ratio Lower Upper
146 100
111 49.7 25.0 75.0
148 65.6 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 1.147 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.078 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion:146 Resp: 10280
Ion Ratio Lower Upper
146 100
111 49.7 23.6 71.0
148 65.6 31.8 95.3

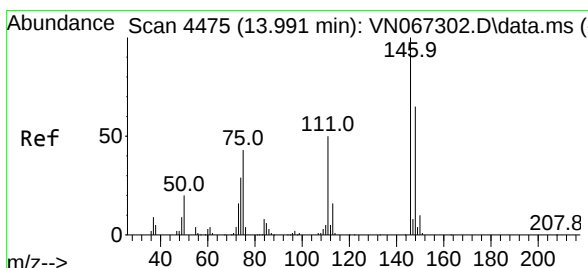
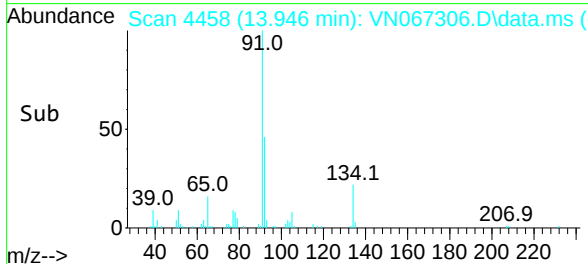
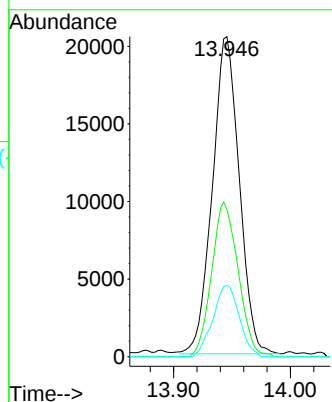
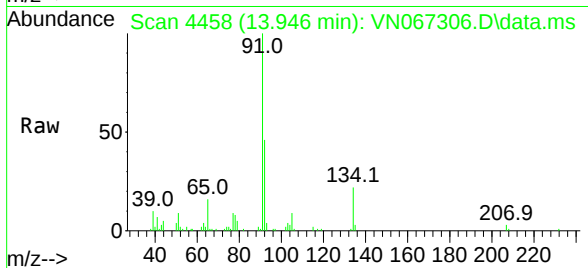




#85
n-Butylbenzene
Concen: 1.932 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

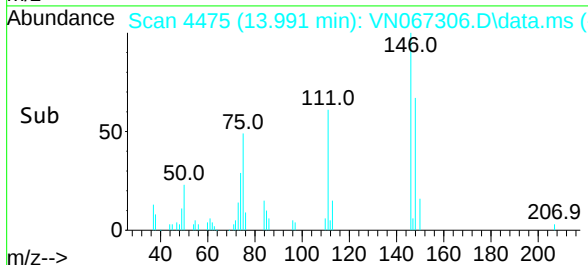
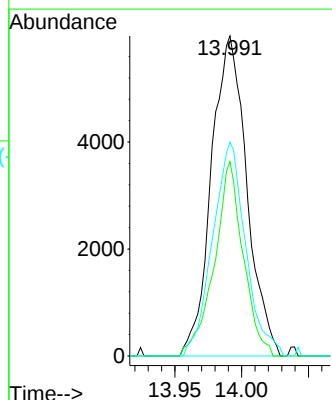
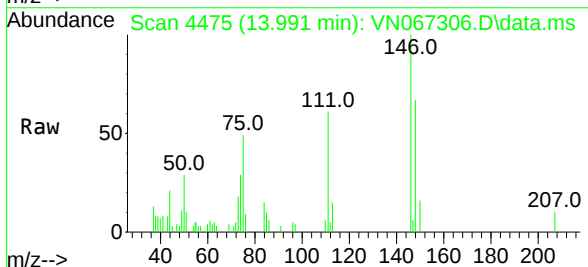
Instrument :
MSVOA_N
ClientSampled :
IBLK

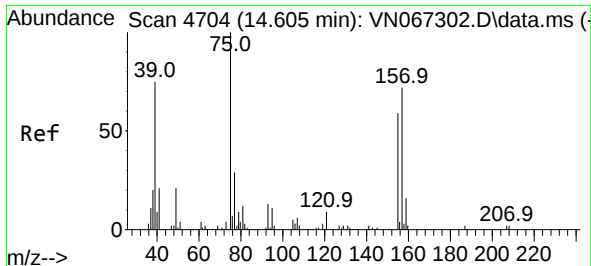
Tgt Ion:	91	Resp:	32603
Ion	Ratio	Lower	Upper
91	100		
92	48.1	0.0	103.0
134	22.1	0.0	43.6



#87
1,2-Dichlorobenzene
Concen: 1.264 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion:	146	Resp:	11018
Ion	Ratio	Lower	Upper
146	100		
111	49.3	25.0	75.0
148	62.5	32.0	96.0

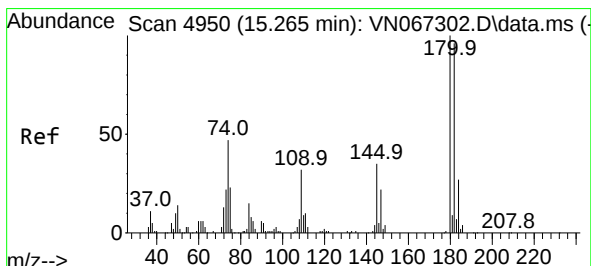
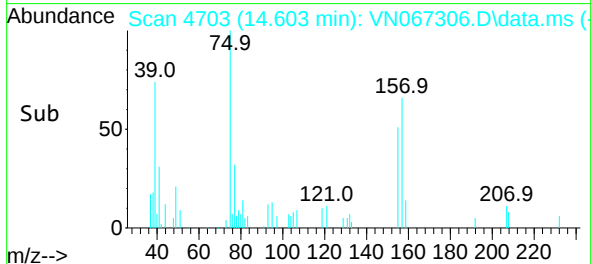
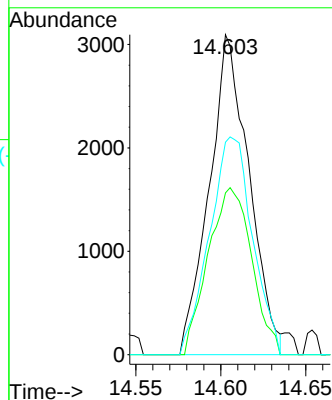
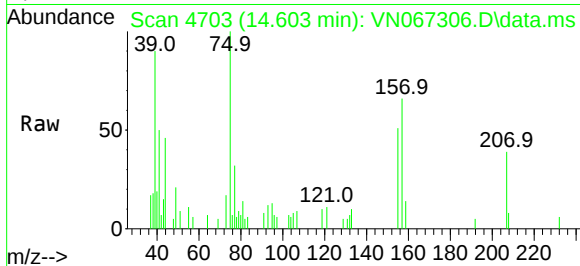




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.743 ug/l
 RT: 14.603 min Scan# 4703
 Delta R.T. -0.003 min
 Lab File: VN067306.D
 Acq: 11 Jun 2021 23:59

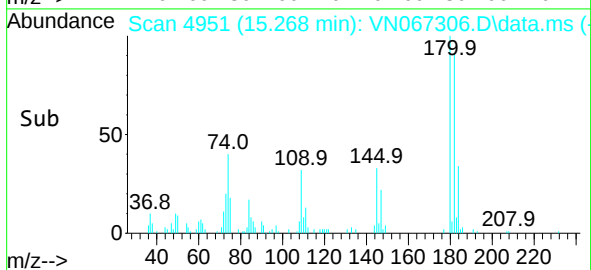
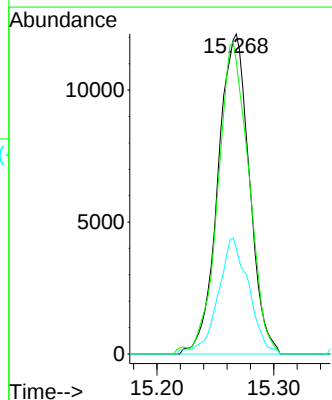
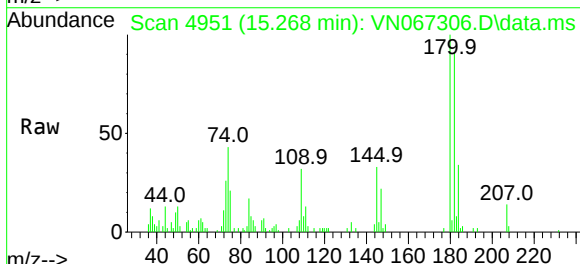
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

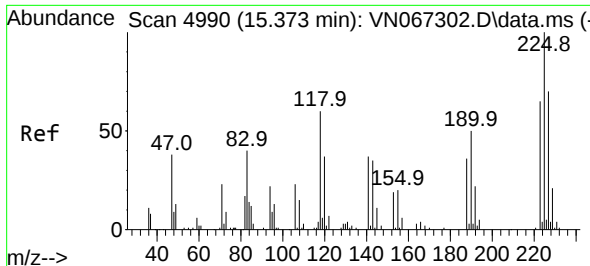
Tgt Ion: 75 Resp: 5033
 Ion Ratio Lower Upper
 75 100
 155 57.2 45.3 67.9
 157 73.8 58.6 87.8



#89
 1,2,4-Trichlorobenzene
 Concen: 5.092 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN067306.D
 Acq: 11 Jun 2021 23:59

Tgt Ion: 180 Resp: 22574
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.9 113.9
 145 35.1 28.8 43.2

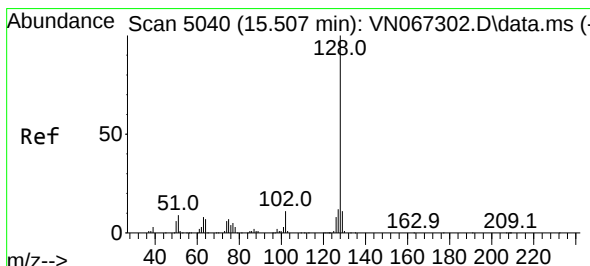
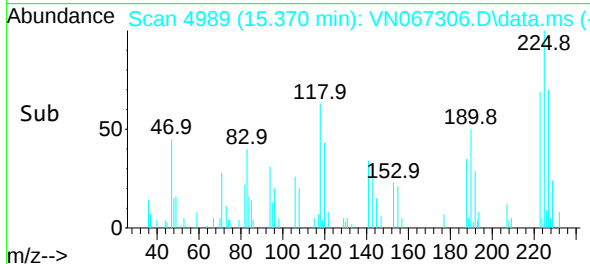
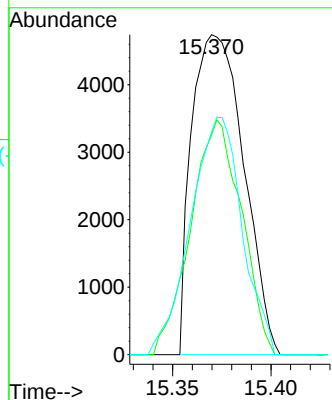
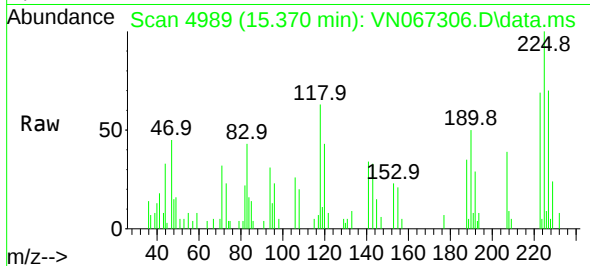




#90
Hexachlorobutadiene
Concen: 3.705 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

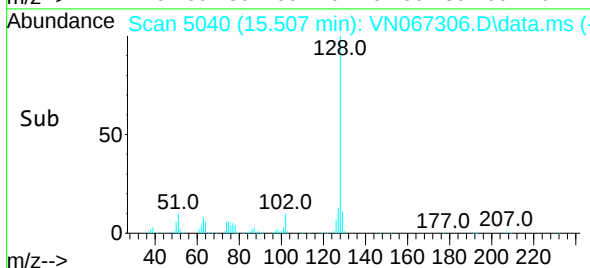
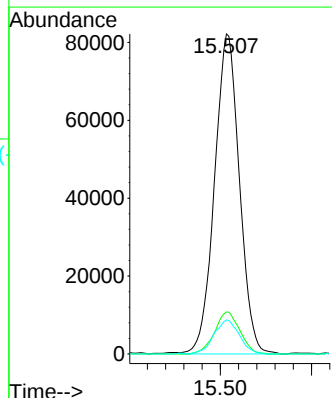
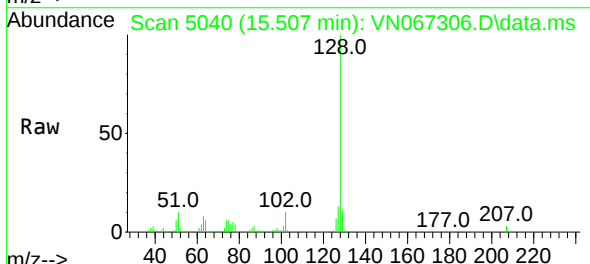
Instrument :
MSVOA_N
ClientSampleId :
IBLK

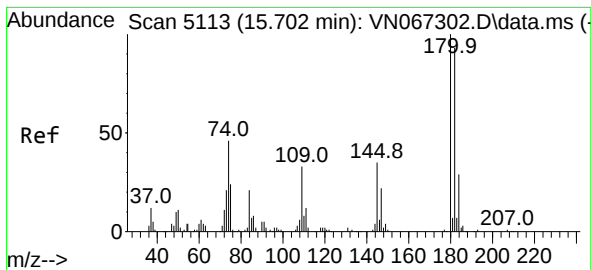
Tgt Ion:225 Resp: 8721
Ion Ratio Lower Upper
225 100
223 71.5 0.0 129.6
227 73.5 0.0 131.2



#91
Naphthalene
Concen: 10.465 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067306.D
Acq: 11 Jun 2021 23:59

Tgt Ion:128 Resp: 155759
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 10.8 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 7.091 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN067306.D
 Acq: 11 Jun 2021 23:59

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:180 Resp: 30574
 Ion Ratio Lower Upper
 180 100
 182 94.7 0.0 184.6
 145 39.6 0.0 76.0

