

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066778.D
 Acq On : 27 Apr 2021 13:14
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 27 13:32:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 13:17:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.591	168	345889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	538086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	463314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	209400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	213962	46.84	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.68%
35) Dibromofluoromethane	7.513	113	166328	48.90	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.80%
50) Toluene-d8	10.029	98	656426	49.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.66%
62) 4-Bromofluorobenzene	12.349	95	205823	45.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.10%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.835	85	866	0.23	ug/l	97
3) Chloromethane	2.034	50	1911	0.38	ug/l #	86
5) Bromomethane	2.530	94	2105	0.72	ug/l	92
12) 1,1-Dichloroethene	3.675	96	808	0.23	ug/l #	84
13) Acrolein	3.552	56	2247	0.75	ug/l	93
16) Acetone	3.758	43	2164	0.26	ug/l	90
17) Carbon Disulfide	3.986	76	11997	1.11	ug/l	99
18) Methyl Acetate	4.263	43	3940	0.77	ug/l #	77
31) Cyclohexane	7.591	56	8057	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.717	75	1871	0.37	ug/l #	66
38) Carbon Tetrachloride	7.591	117	30712	6.31	ug/l #	17
39) Methylcyclohexane	9.015	83	1663	0.28	ug/l #	87
42) 1,2-Dichloroethane	8.052	62	1360	0.26	ug/l #	74
44) Trichloroethene	8.774	130	1596	0.42	ug/l	94
46) Dibromomethane	9.146	93	611	0.24	ug/l	97
48) Methyl methacrylate	9.141	41	1058	0.28	ug/l #	63
49) 1,4-Dioxane	9.138	88	488	0.44	ug/l #	78
51) 4-Methyl-2-Pentanone	9.924	43	8363	0.36	ug/l	95
52) Toluene	10.090	92	2215	0.23	ug/l	96
53) t-1,3-Dichloropropene	10.324	75	1442	0.25	ug/l	91
55) 1,1,2-Trichloroethane	10.509	97	755	0.21	ug/l #	90
56) Ethyl methacrylate	10.377	69	1161	0.23	ug/l #	58
59) 2-Hexanone	10.710	43	4343	0.31	ug/l	82
61) 1,2-Dibromoethane	10.951	107	775	0.21	ug/l	92
64) Tetrachloroethene	10.576	164	1808	0.59	ug/l	88
65) Chlorobenzene	11.375	112	4108	0.43	ug/l	96
67) Ethyl Benzene	11.458	91	5379	0.32	ug/l	89
68) m/p-Xylenes	11.576	106	4155	0.34	ug/l #	62
69) o-Xylene	11.898	106	1807	0.30	ug/l	67
70) Styrene	11.936	104	3636	0.39	ug/l	93
71) Bromoform	12.083	173	982	0.38	ug/l #	80
73) Isopropylbenzene	12.196	105	5908	0.38	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.459	83	3303	0.65	ug/l #	88
76) 1,2,3-Trichloropropane	12.349	75	103860	22.99	ug/l #	100
77) Bromobenzene	12.472	156	2841	0.74	ug/l	88
78) n-propylbenzene	12.550	91	10656	0.62	ug/l	82

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

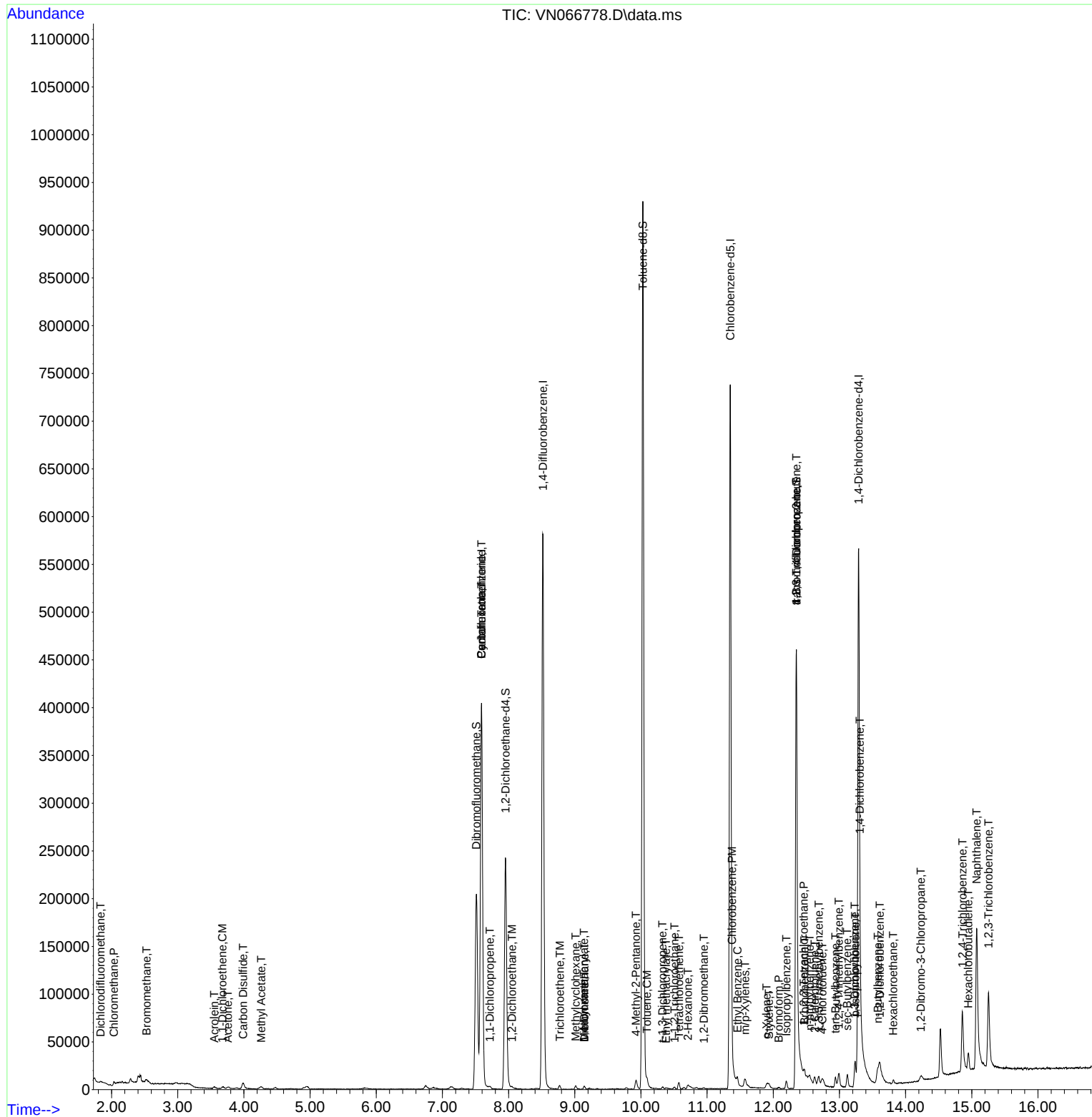
79) 2-Chlorotoluene	12.625	91	4803	0.44	ug/l	84
80) 1,3,5-Trimethylbenzene	12.687	105	6812	0.52	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.349	75	103860	73.86	ug/l #	12
82) 4-Chlorotoluene	12.743	91	6682	0.63	ug/l	76
83) tert-Butylbenzene	12.941	119	5631	0.50	ug/l	98
84) 1,2,4-Trimethylbenzene	12.992	105	9072	0.73	ug/l	97
85) sec-Butylbenzene	13.118	105	10258	0.70	ug/l	97
86) p-Isopropyltoluene	13.239	119	11240	0.89	ug/l	98
87) 1,3-Dichlorobenzene	13.231	146	7816	1.19	ug/l	96
88) 1,4-Dichlorobenzene	13.309	146	9365	1.35	ug/l	88
89) n-Butylbenzene	13.580	91	18622	1.71	ug/l #	64
90) Hexachloroethane	13.813	117	1116	0.42	ug/l	83
91) 1,2-Dichlorobenzene	13.609	146	9203	1.39	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.229	75	1815	1.96	ug/l	51
93) 1,2,4-Trichlorobenzene	14.859	180	26031	7.06	ug/l	96
94) Hexachlorobutadiene	14.948	225	3435	1.70	ug/l	95
95) Naphthalene	15.074	128	169026	17.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.253	180	33243	9.31	ug/l	98

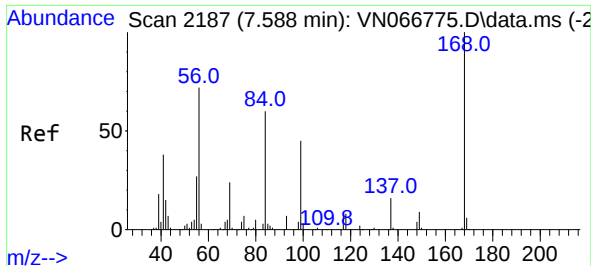
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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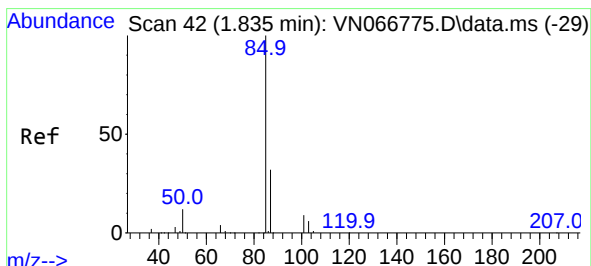
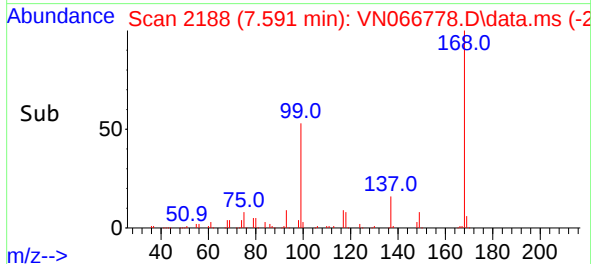
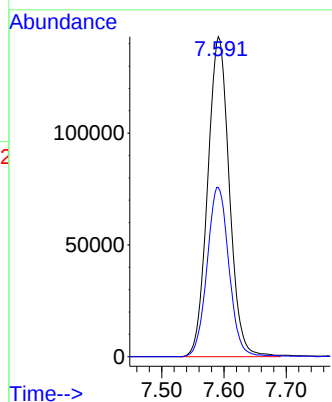
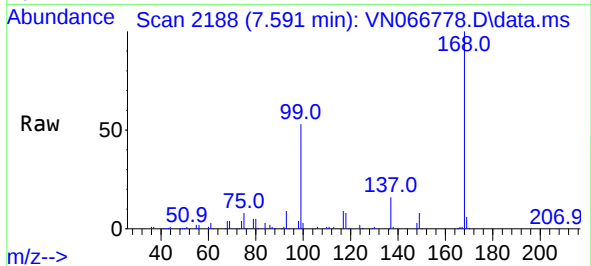




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

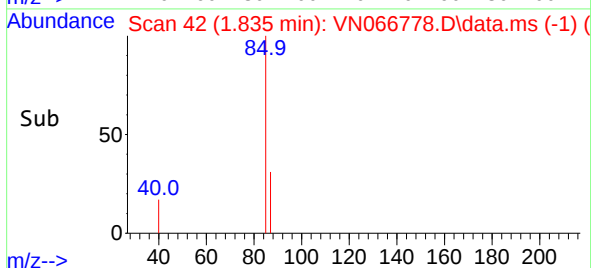
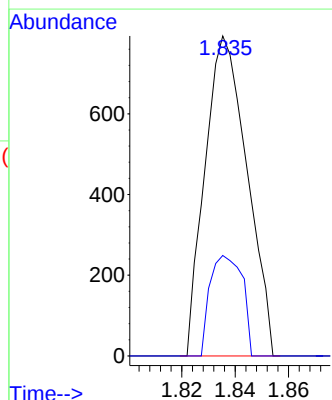
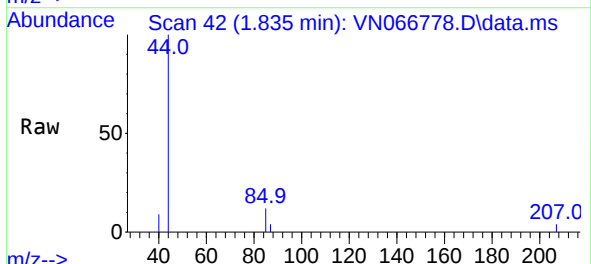
Instrument :
MSVOA_N
ClientSampled :
IBLK

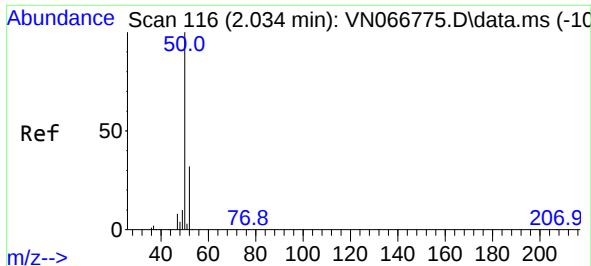
Tgt Ion:168 Resp: 345889
Ion Ratio Lower Upper
168 100
99 52.9 42.6 63.8



#2
Dichlorodifluoromethane
Concen: 0.23 ug/l
RT: 1.835 min Scan# 42
Delta R.T. -0.000 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 85 Resp: 866
Ion Ratio Lower Upper
85 100
87 31.4 16.6 49.8

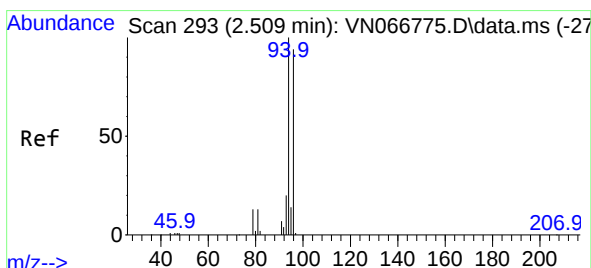
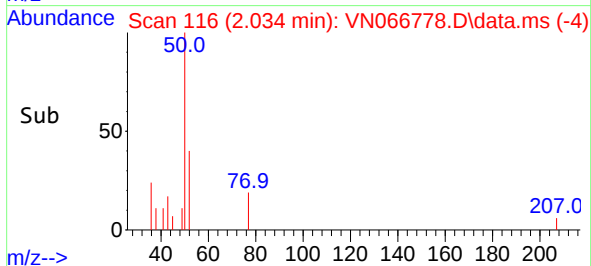
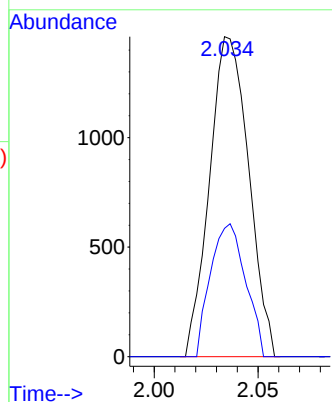
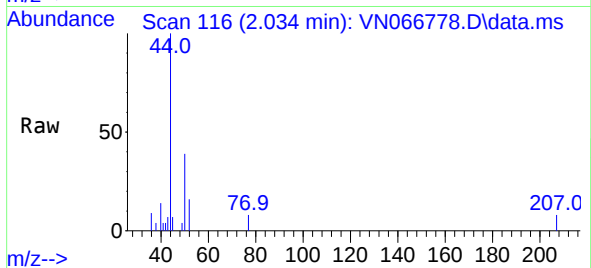




#3
Chloromethane
Concen: 0.38 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

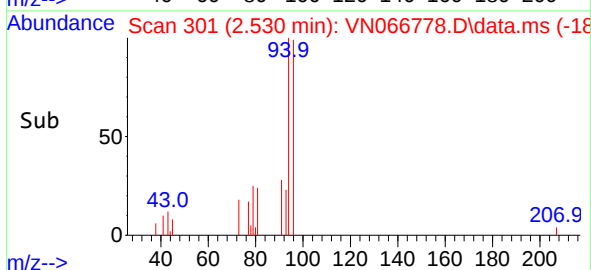
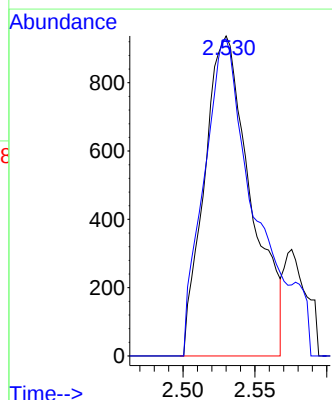
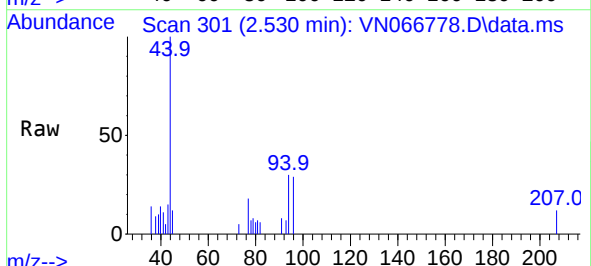
Instrument :
MSVOA_N
ClientSampled :
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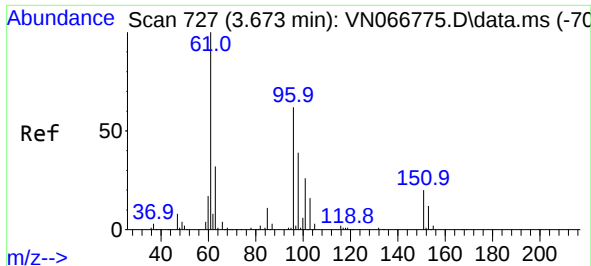
Tgt Ion: 50 Resp: 1911
Ion Ratio Lower Upper
50 100
52 40.1 25.8 38.8#



#5
Bromomethane
Concen: 0.72 ug/l
RT: 2.530 min Scan# 301
Delta R.T. 0.021 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 94 Resp: 2105
Ion Ratio Lower Upper
94 100
96 99.0 73.0 109.4

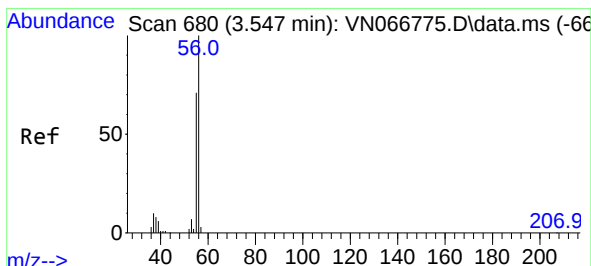
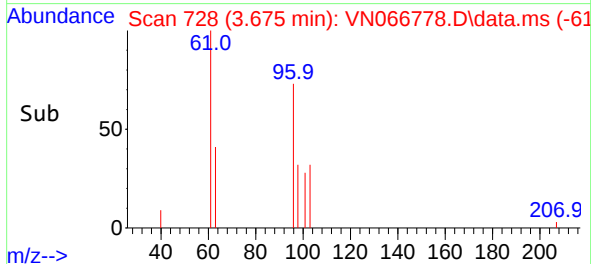
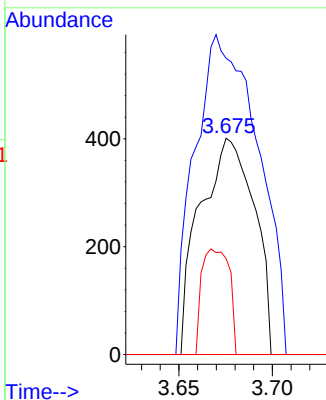
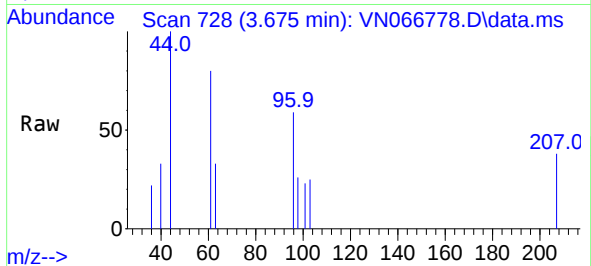




#12
1,1-Dichloroethene
Concen: 0.23 ug/l
RT: 3.675 min Scan# 728
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

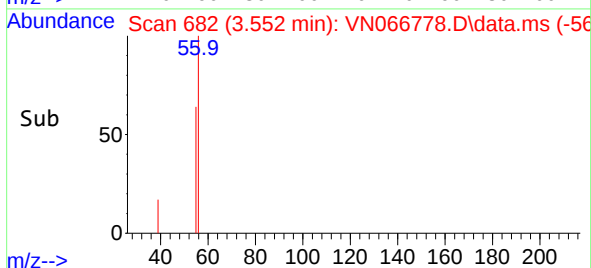
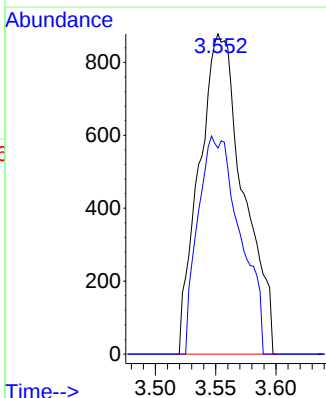
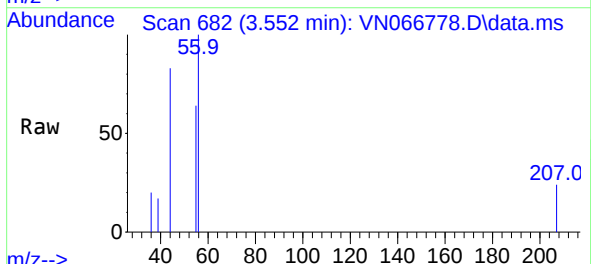
Instrument :
MSVOA_N
ClientSampled :
IBLK

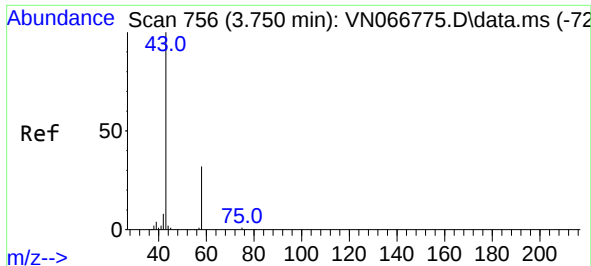
Tgt Ion: 96 Resp: 808
Ion Ratio Lower Upper
96 100
61 136.9 122.5 183.7
98 44.4 50.8 76.2#



#13
Acrolein
Concen: 0.75 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 56 Resp: 2247
Ion Ratio Lower Upper
56 100
55 64.4 56.0 84.0

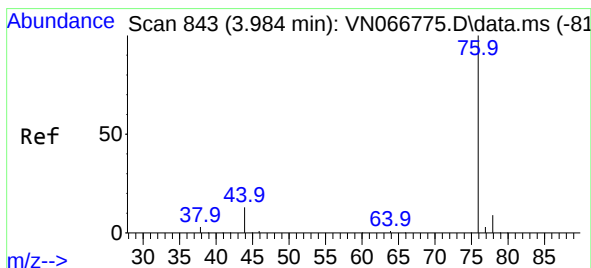
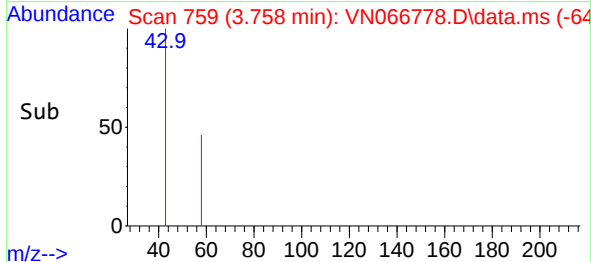
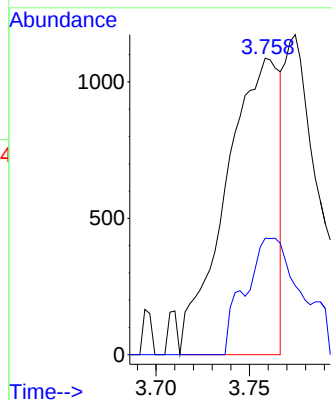
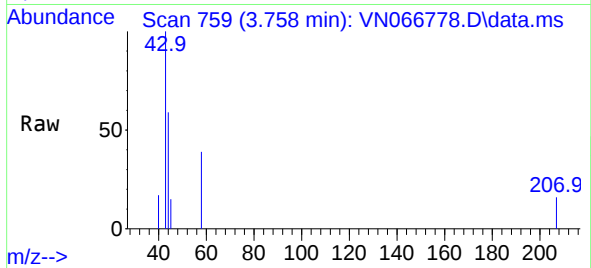




#16
Acetone
Concen: 0.26 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.008 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

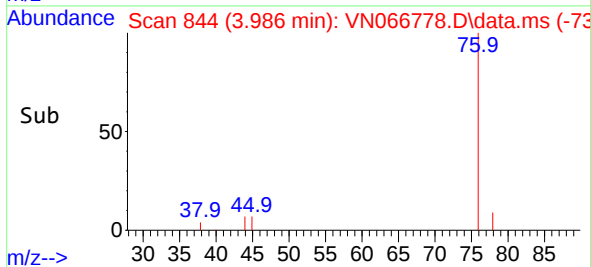
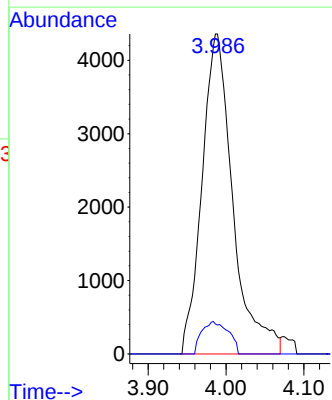
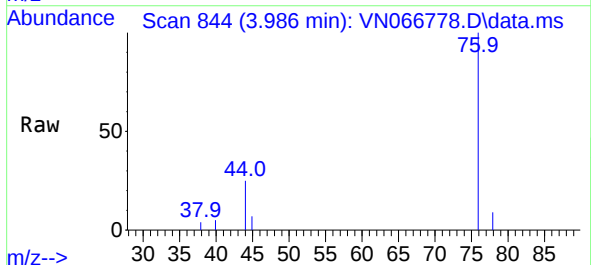
Instrument :
MSVOA_N
ClientSampled :
IBLK

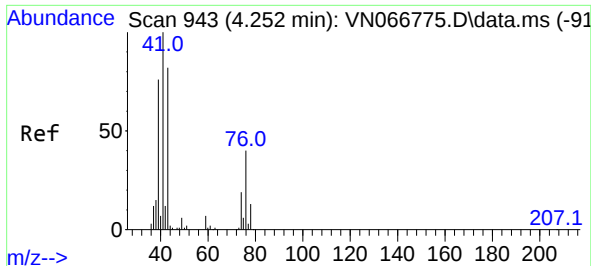
Tgt Ion: 43 Resp: 2164
Ion Ratio Lower Upper
43 100
58 39.3 27.0 40.6



#17
Carbon Disulfide
Concen: 1.11 ug/l
RT: 3.986 min Scan# 844
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 76 Resp: 11997
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6





#18

Methyl Acetate

Concen: 0.77 ug/l

RT: 4.263 min Scan# 947

Delta R.T. 0.011 min

Lab File: VN066778.D

Acq: 27 Apr 2021 13:14

Instrument :

MSVOA_N

ClientSampled :

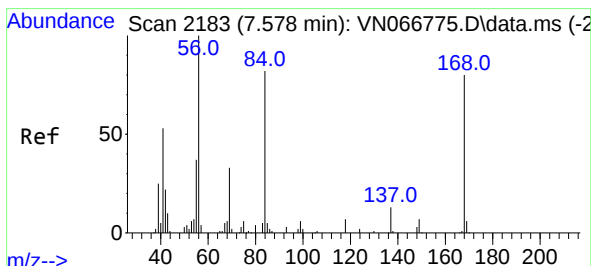
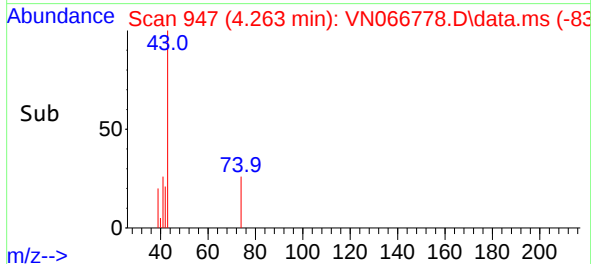
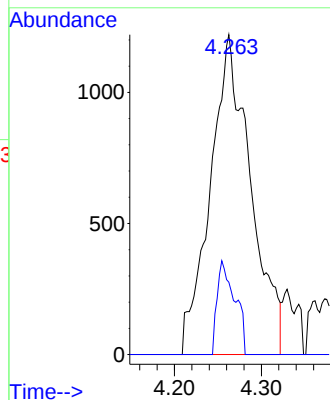
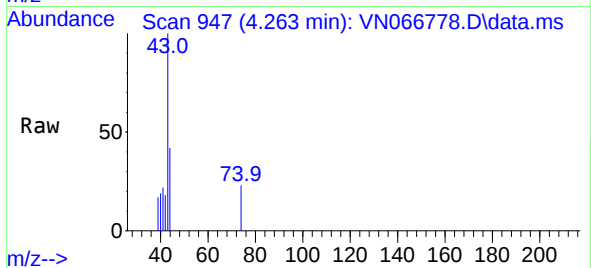
IBLK

Tgt Ion: 43 Resp: 3940

Ion Ratio Lower Upper

43 100

74 12.8 19.5 29.3#



#31

Cyclohexane

Concen: 1.15 ug/l

RT: 7.591 min Scan# 2188

Delta R.T. 0.013 min

Lab File: VN066778.D

Acq: 27 Apr 2021 13:14

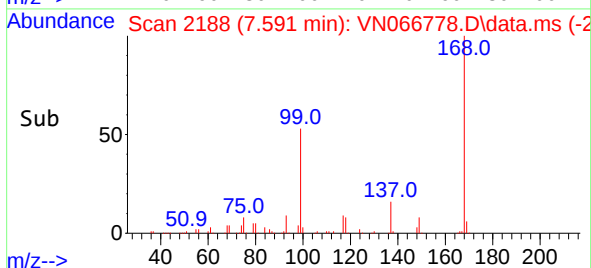
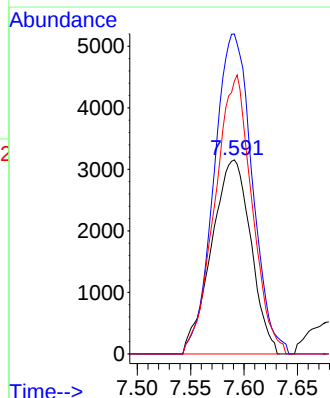
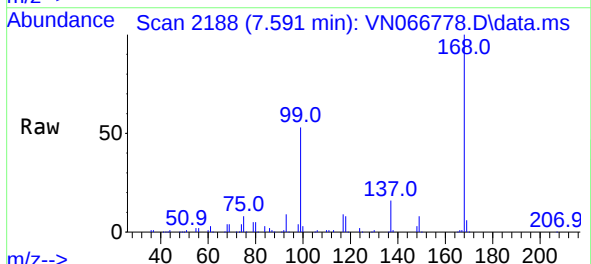
Tgt Ion: 56 Resp: 8057

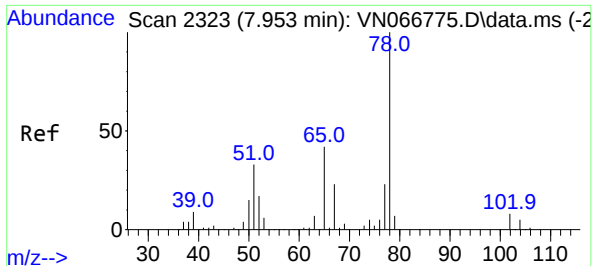
Ion Ratio Lower Upper

56 100

69 164.9 26.6 39.8#

84 140.5 70.4 105.6#



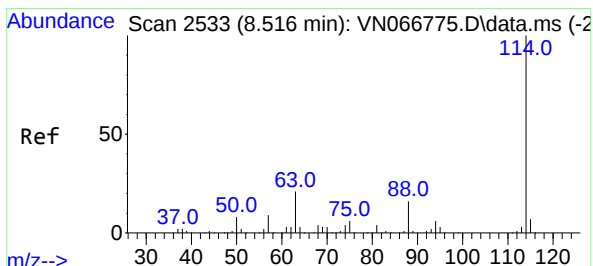
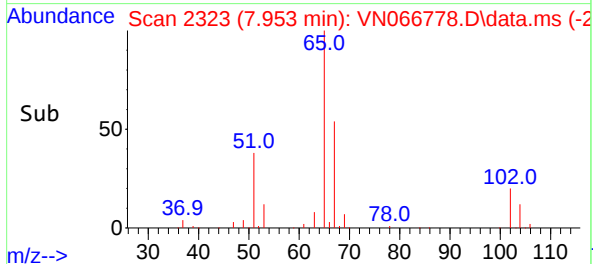
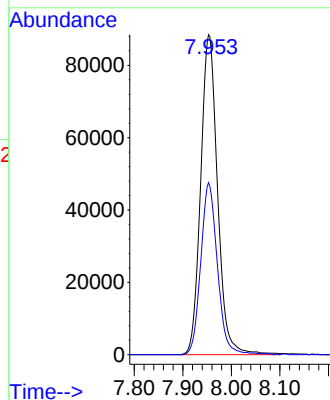
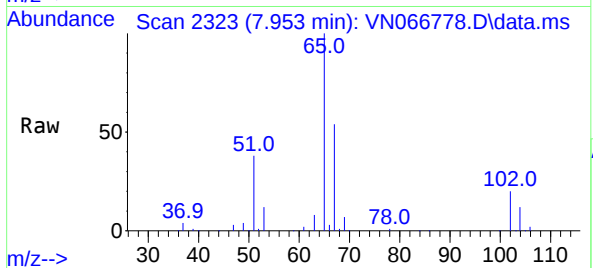


#33

1,2-Dichloroethane-d4
Concen: 46.84 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN066778.D
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ClientSampled :
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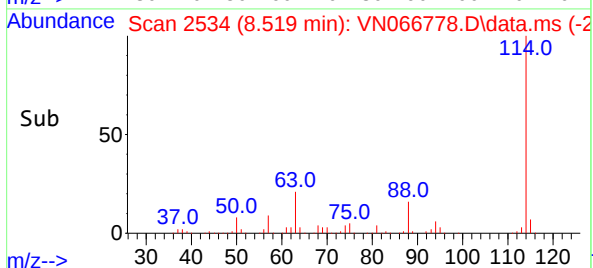
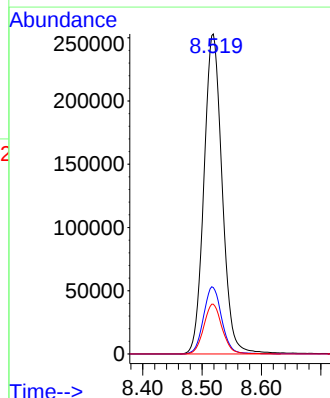
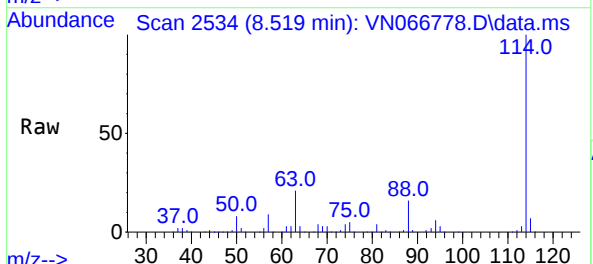
Tgt Ion: 65 Resp: 213962
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2

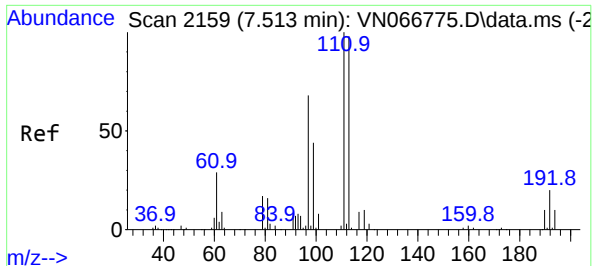


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 114 Resp: 538086
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.6
88 15.5 0.0 30.6

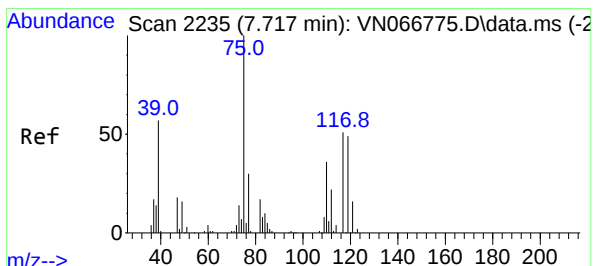
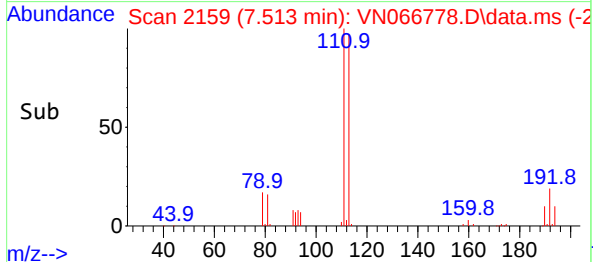
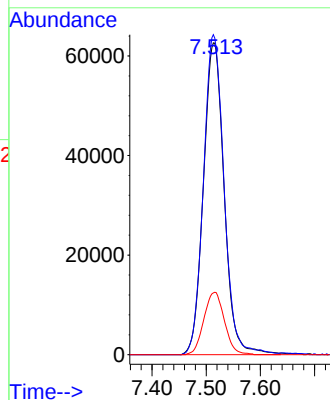
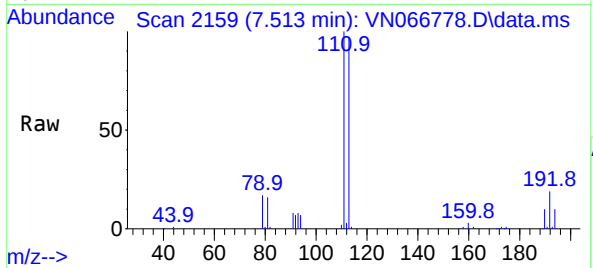




#35
Dibromofluoromethane
Concen: 48.90 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. -0.000 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

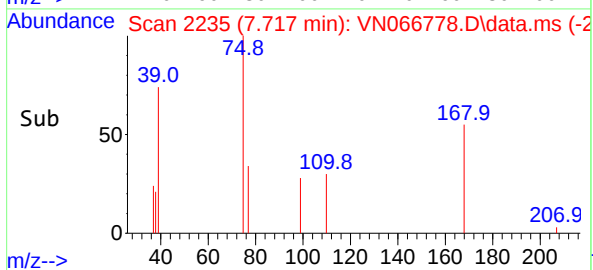
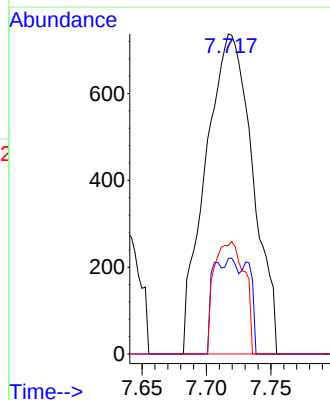
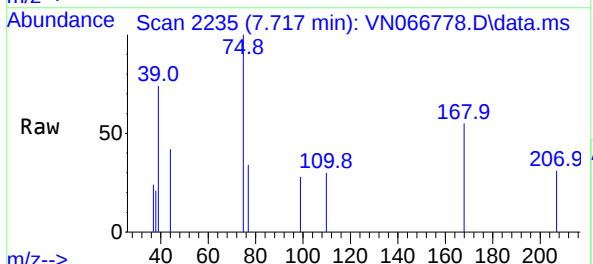
Instrument :
MSVOA_N
ClientSampled :
IBLK

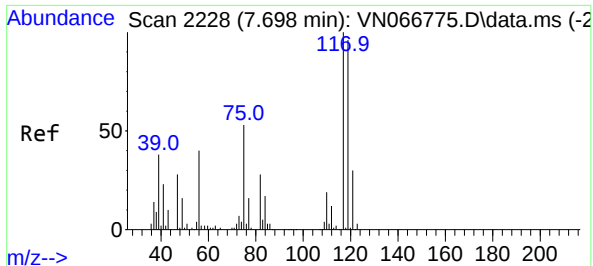
Tgt Ion:113 Resp: 166328
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 19.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 0.37 ug/l
RT: 7.717 min Scan# 2235
Delta R.T. -0.000 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

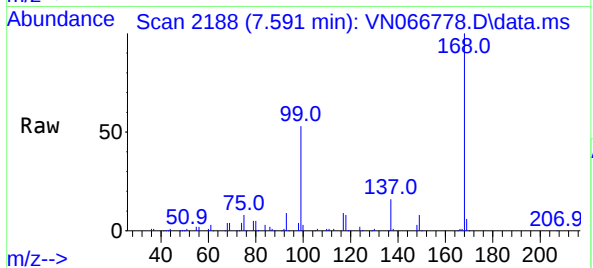
Tgt Ion: 75 Resp: 1871
Ion Ratio Lower Upper
75 100
110 6.9 18.2 54.6#
77 22.5 24.9 37.3#



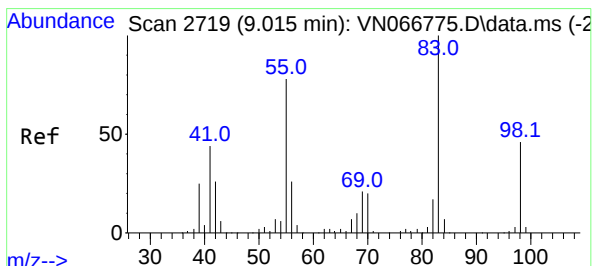
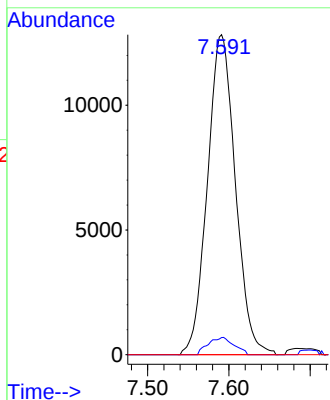
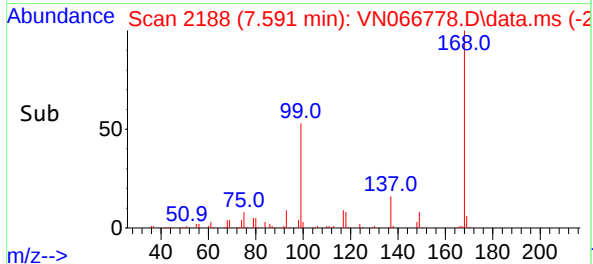


#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

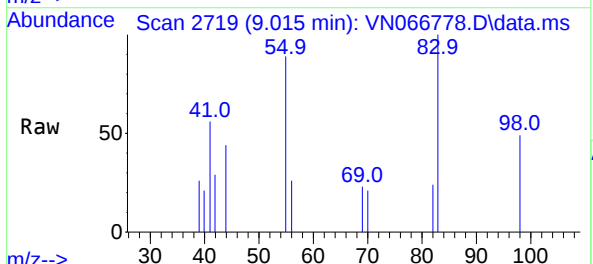
Instrument :
MSVOA_N
ClientSampled :
IBLK



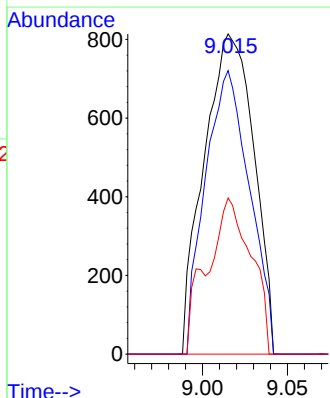
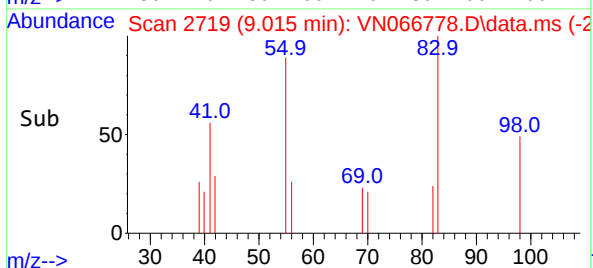
Tgt Ion:117 Resp: 30712
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.5 36.7#

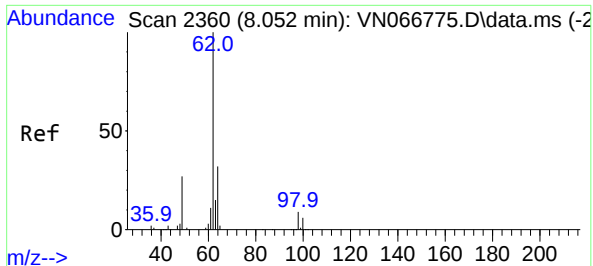


#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 9.015 min Scan# 2719
Delta R.T. -0.000 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14



Tgt Ion: 83 Resp: 1663
Ion Ratio Lower Upper
83 100
55 88.6 58.9 88.3#
98 48.8 35.9 53.9



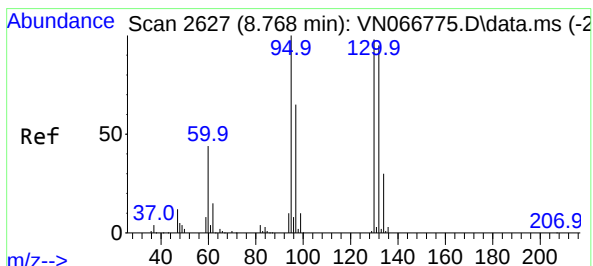
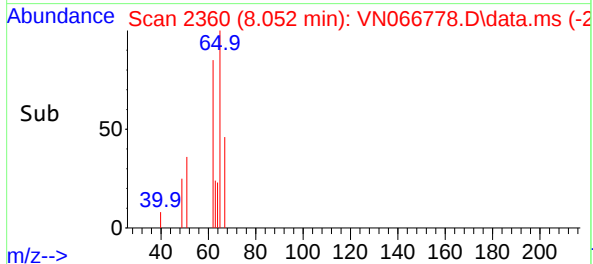
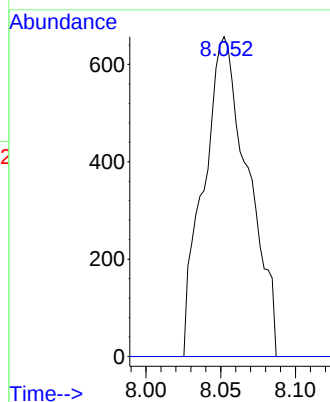
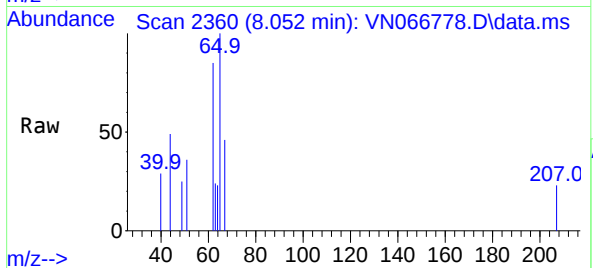


#42

1,2-Dichloroethane
Concen: 0.26 ug/l
RT: 8.052 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Instrument :
MSVOA_N
ClientSampled :
IBLK

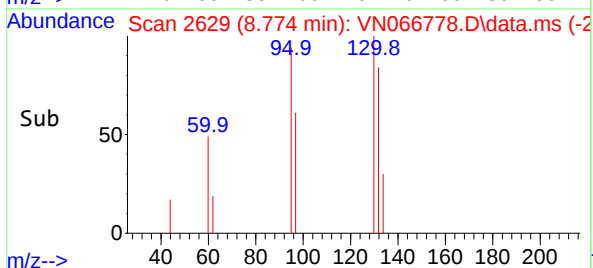
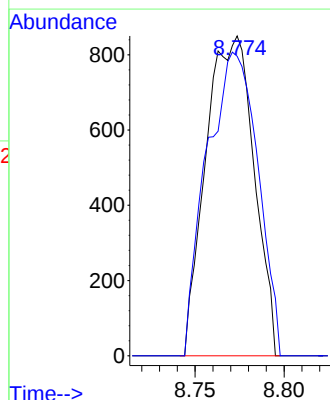
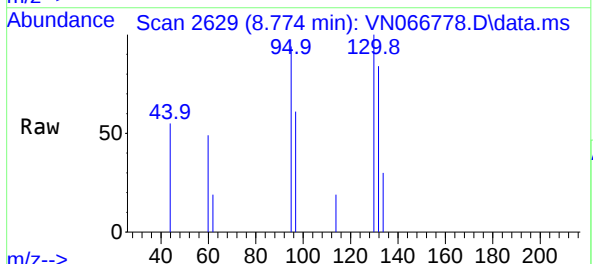
Tgt Ion: 62 Resp: 1360
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.6

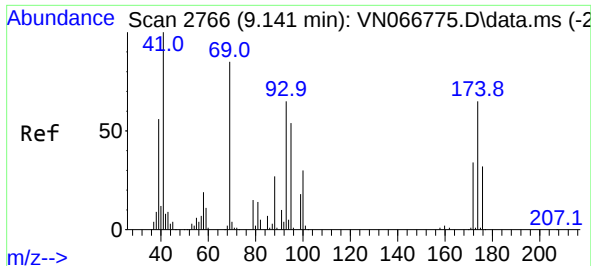


#44

Trichloroethene
Concen: 0.42 ug/l
RT: 8.774 min Scan# 2629
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 130 Resp: 1596
Ion Ratio Lower Upper
130 100
95 93.6 0.0 199.6



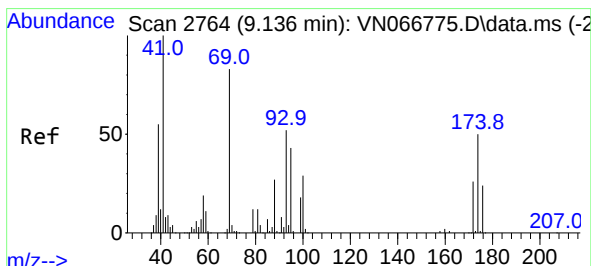
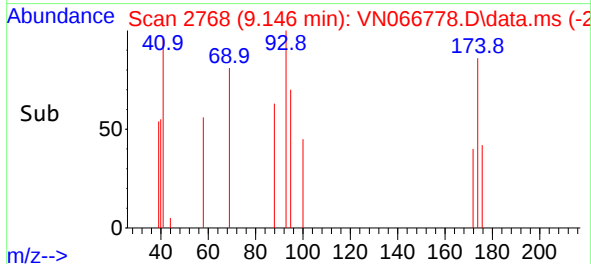
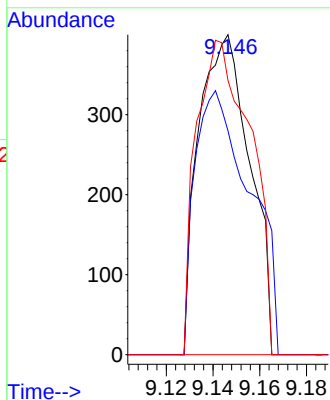
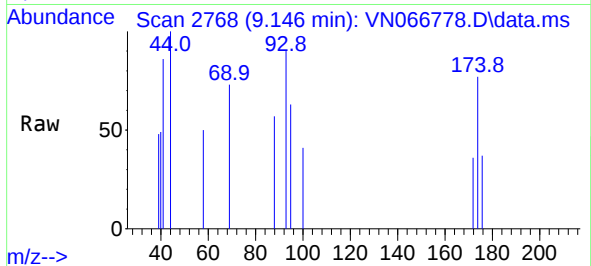


#46
Dibromomethane
Concen: 0.24 ug/l
RT: 9.146 min Scan# 2768
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 93 Resp: 611

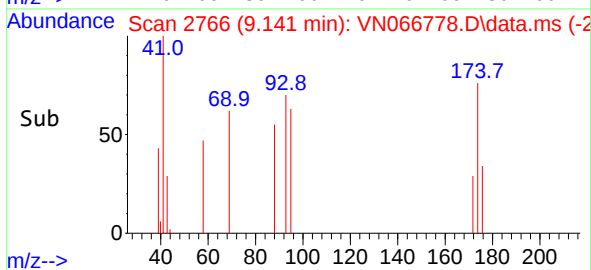
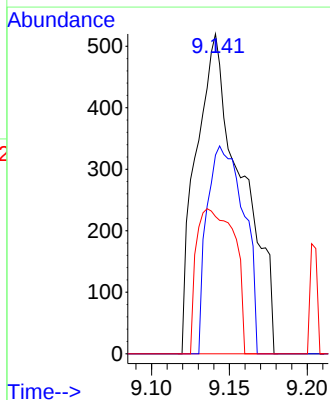
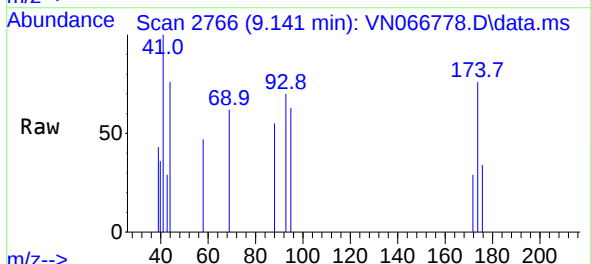
Ion	Ratio	Lower	Upper
93	100		
95	89.0	67.0	100.6
174	103.6	83.2	124.8

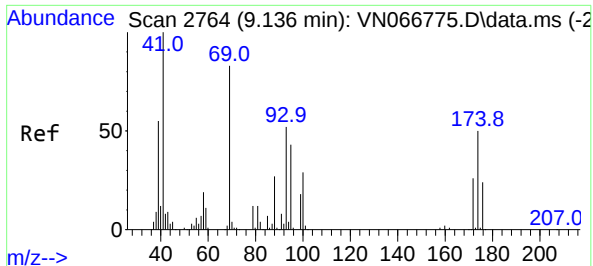


#48
Methyl methacrylate
Concen: 0.28 ug/l
RT: 9.141 min Scan# 2766
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 41 Resp: 1058

Ion	Ratio	Lower	Upper
41	100		
69	52.6	75.9	113.9#
39	37.6	46.6	69.8#

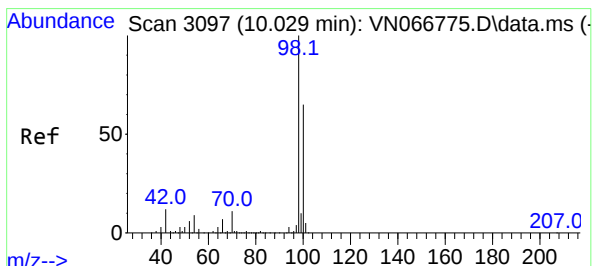
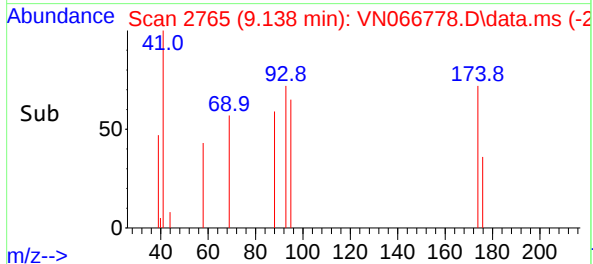
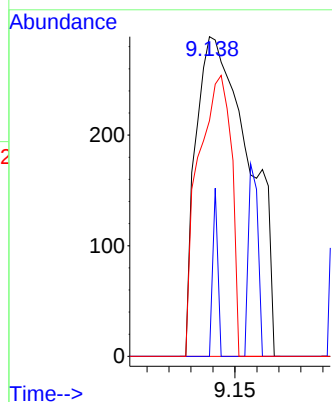
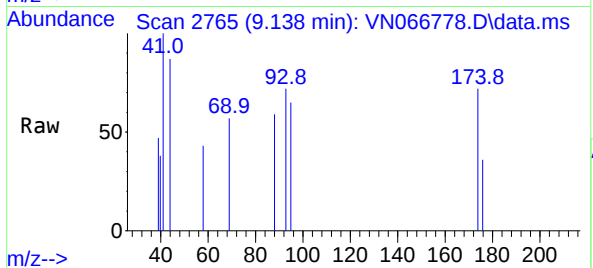




#49
1,4-Dioxane
Concen: 0.44 ug/l
RT: 9.138 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

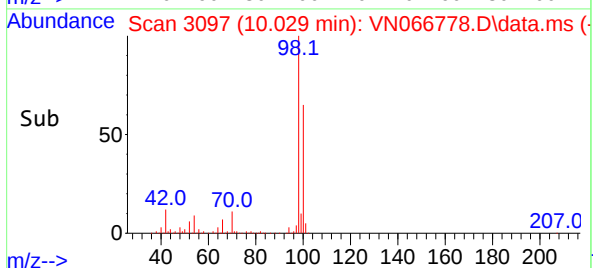
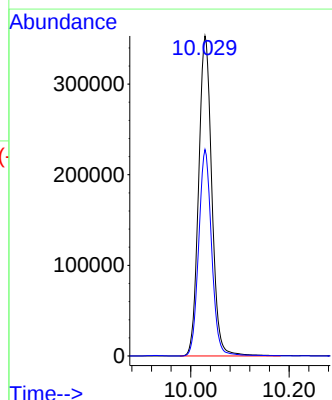
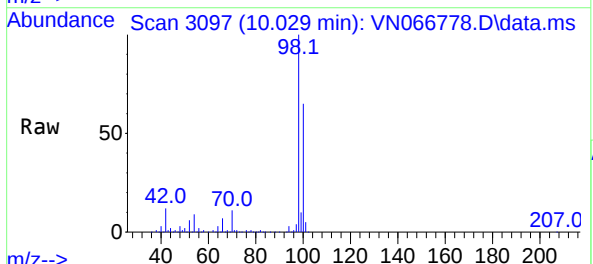
Instrument :
MSVOA_N
ClientSampled :
IBLK

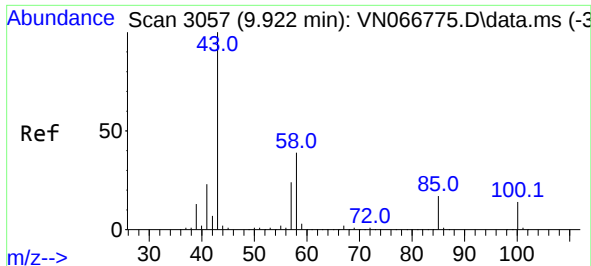
Tgt Ion: 88 Resp: 488
Ion Ratio Lower Upper
88 100
43 10.7 24.7 37.1#
58 54.1 52.6 78.8



#50
Toluene-d8
Concen: 49.33 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 98 Resp: 656426
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7

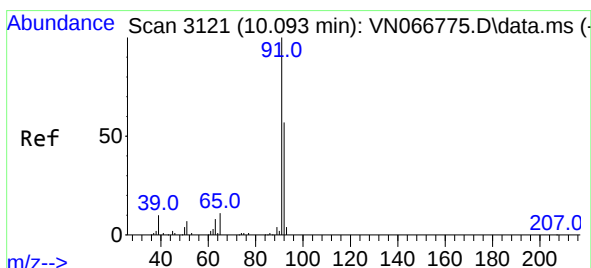
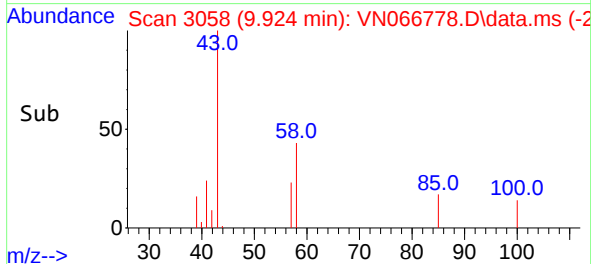
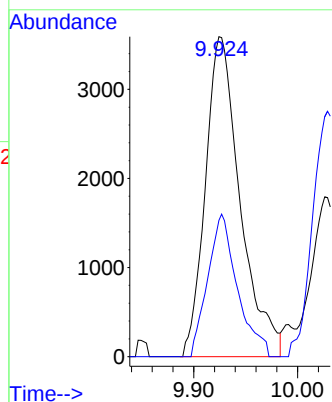
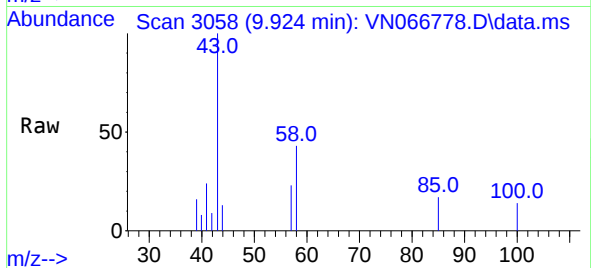




#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

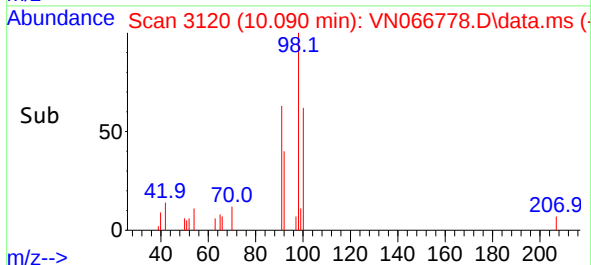
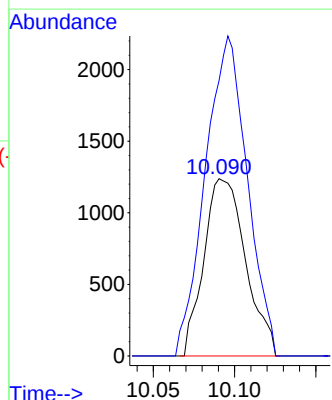
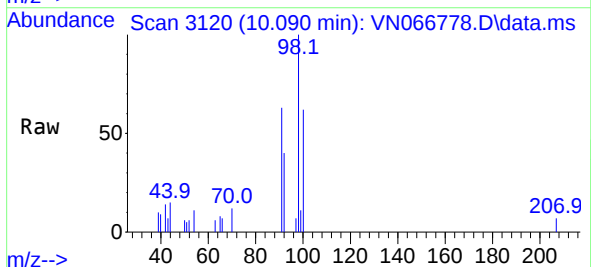
Instrument :
MSVOA_N
ClientSampled :
IBLK

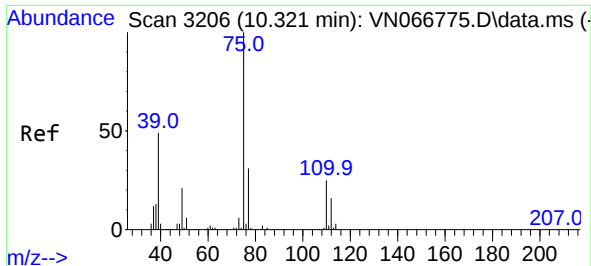
Tgt Ion: 43 Resp: 8363
Ion Ratio Lower Upper
43 100
58 37.8 32.5 48.7



#52
Toluene
Concen: 0.23 ug/l
RT: 10.090 min Scan# 3120
Delta R.T. -0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 92 Resp: 2215
Ion Ratio Lower Upper
92 100
91 181.1 140.7 211.1

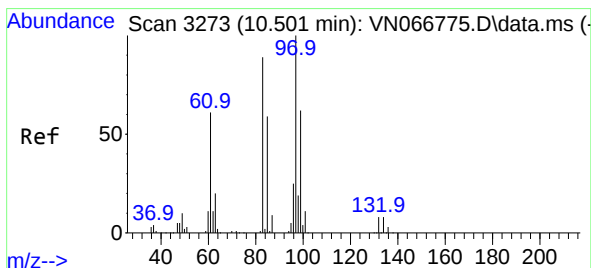
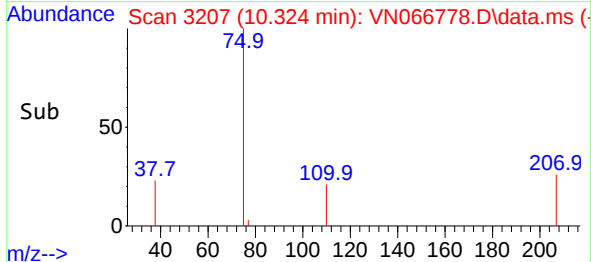
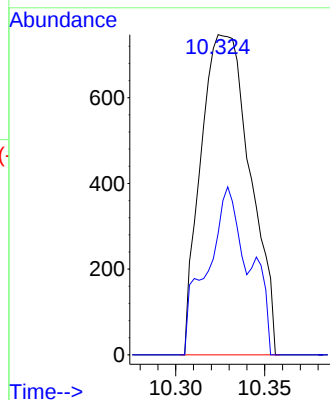
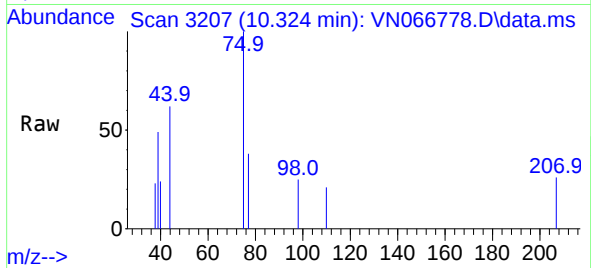




#53
t-1,3-Dichloropropene
Concen: 0.25 ug/l
RT: 10.324 min Scan# 3207
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

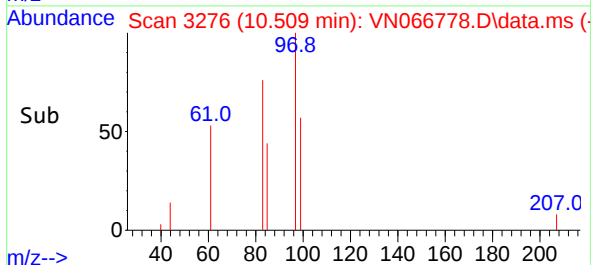
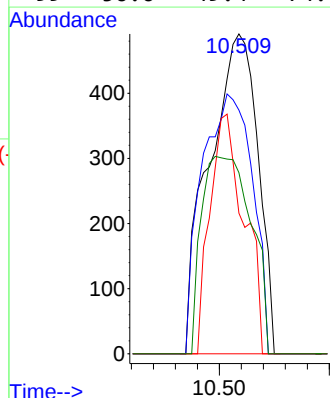
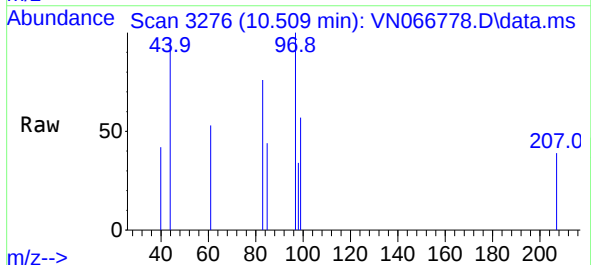
Instrument :
MSVOA_N
ClientSampled :
IBLK

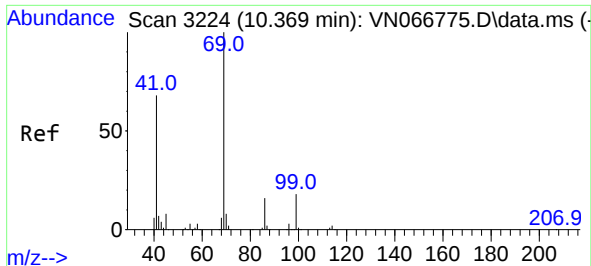
Tgt Ion: 75 Resp: 1442
Ion Ratio Lower Upper
75 100
77 37.9 26.2 39.4



#55
1,1,2-Trichloroethane
Concen: 0.21 ug/l
RT: 10.509 min Scan# 3276
Delta R.T. 0.008 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 97 Resp: 755
Ion Ratio Lower Upper
97 100
83 76.2 67.7 101.5
85 44.0 44.5 66.7#
99 56.6 49.4 74.0

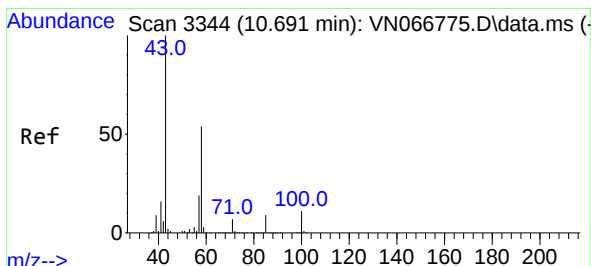
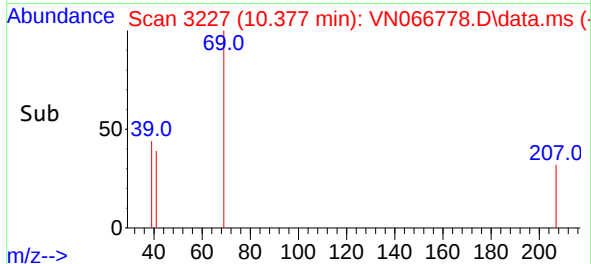
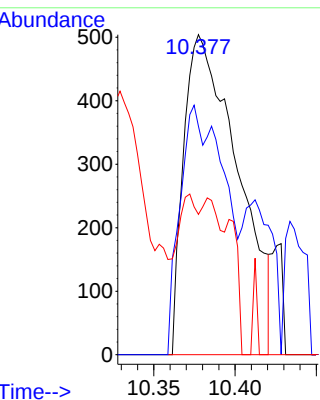
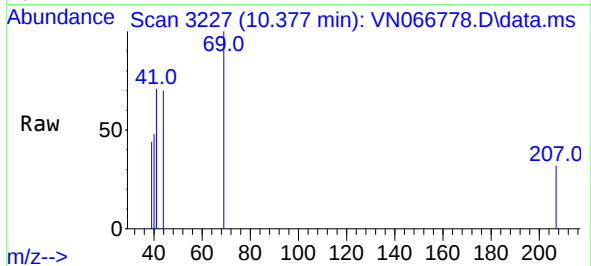




#56
Ethyl methacrylate
Concen: 0.23 ug/l
RT: 10.377 min Scan# 3227
Delta R.T. 0.008 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

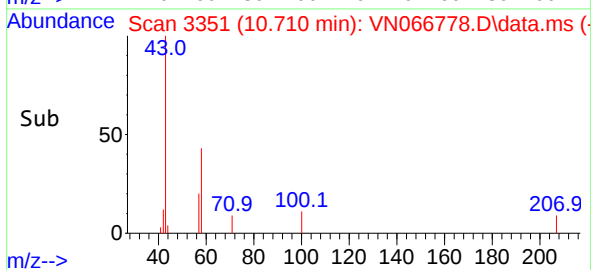
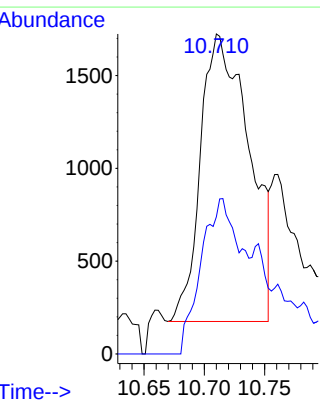
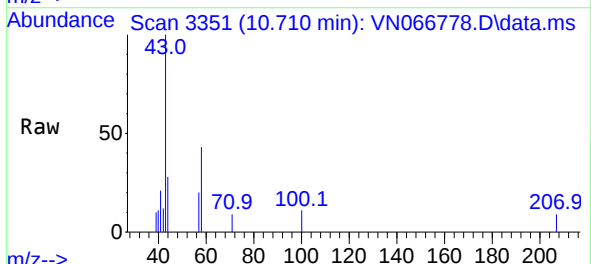
Instrument :
MSVOA_N
ClientSampled :
IBLK

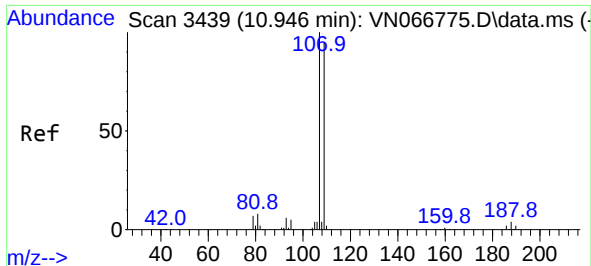
Tgt Ion: 69 Resp: 1161
Ion Ratio Lower Upper
69 100
41 32.8 49.6 74.4#
39 6.1 28.0 42.0#



#59
2-Hexanone
Concen: 0.31 ug/l
RT: 10.710 min Scan# 3351
Delta R.T. 0.019 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 43 Resp: 4343
Ion Ratio Lower Upper
43 100
58 43.4 28.1 84.3

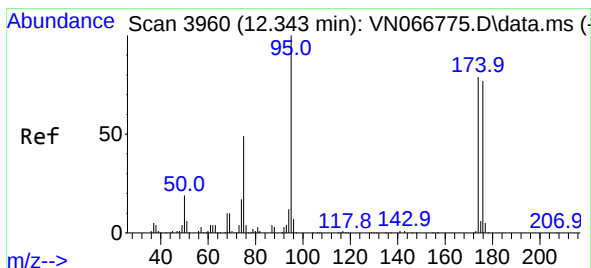
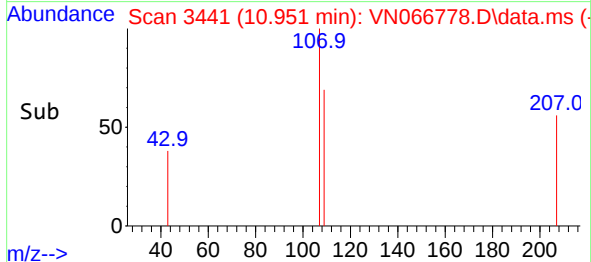
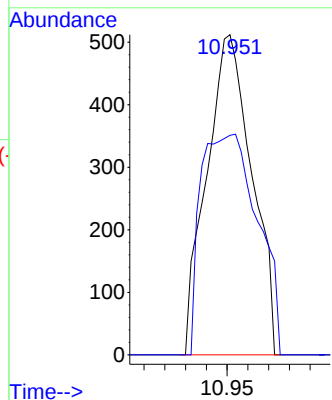
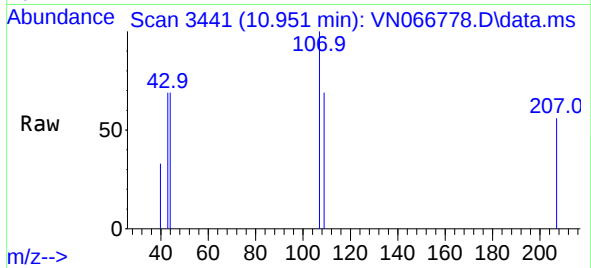




#61
1,2-Dibromoethane
Concen: 0.21 ug/l
RT: 10.951 min Scan# 3441
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

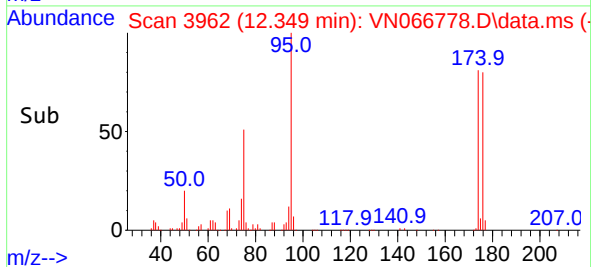
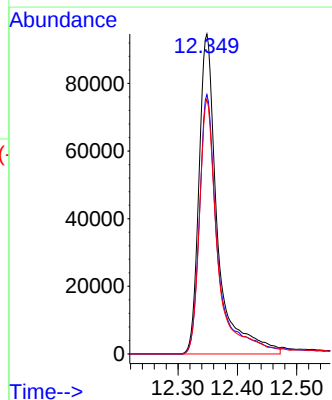
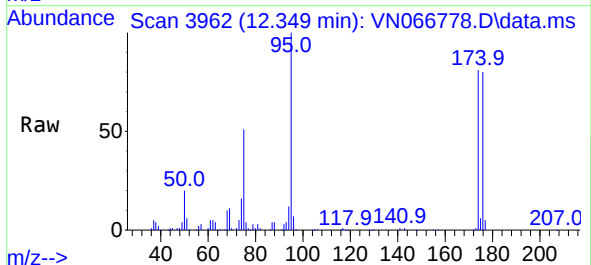
Instrument :
MSVOA_N
ClientSampled :
IBLK

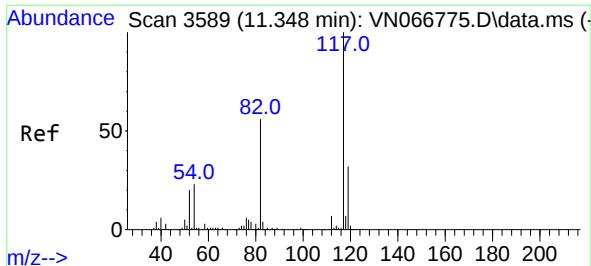
Tgt Ion:107 Resp: 775
Ion Ratio Lower Upper
107 100
109 86.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.05 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 95 Resp: 205823
Ion Ratio Lower Upper
95 100
174 80.7 0.0 169.0
176 77.7 0.0 162.4

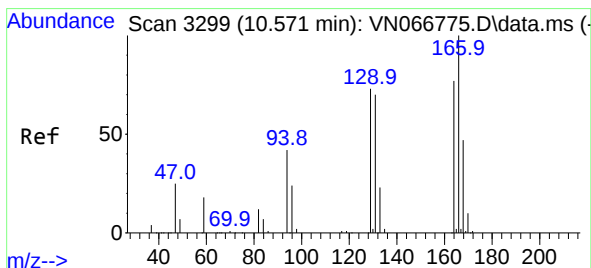
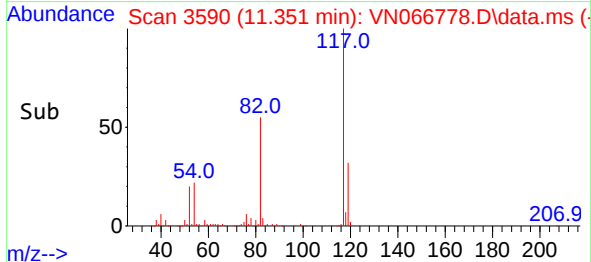
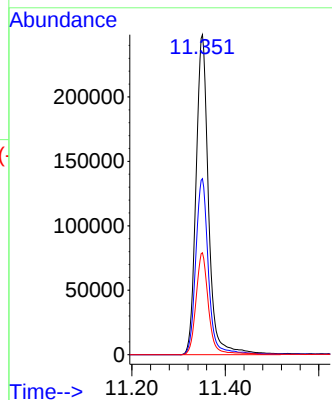
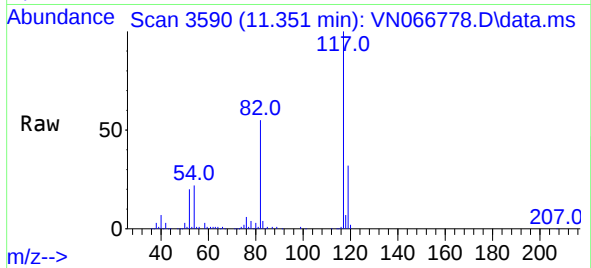




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

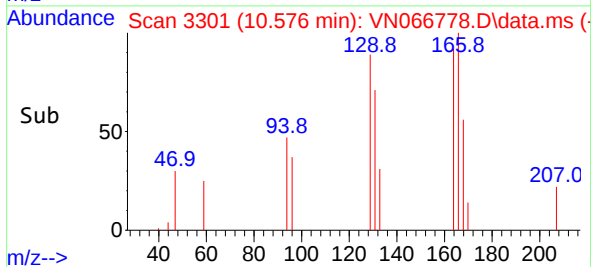
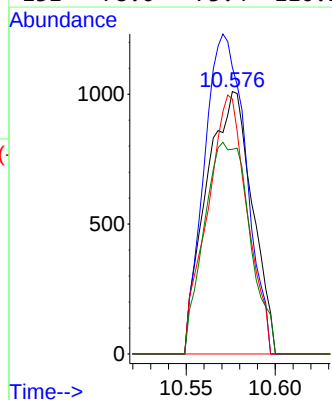
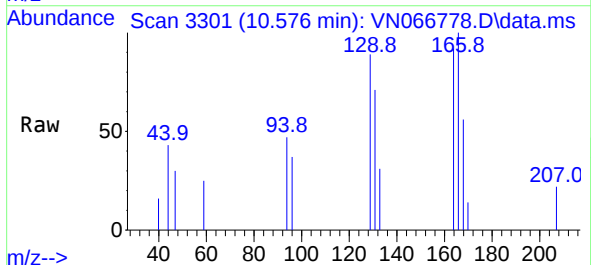
Instrument :
MSVOA_N
ClientSampled :
IBLK

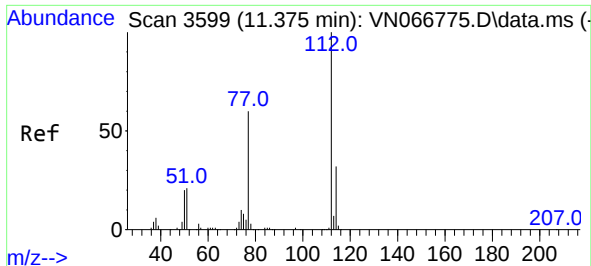
Tgt Ion:	117	Resp:	463314
Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.7	65.5
119	31.9	26.1	39.1



#64
Tetrachloroethene
Concen: 0.59 ug/l
RT: 10.576 min Scan# 3301
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion:	164	Resp:	1808
Ion	Ratio	Lower	Upper
164	100		
166	109.2	102.6	154.0
129	97.2	76.2	114.4
131	78.0	73.4	110.2

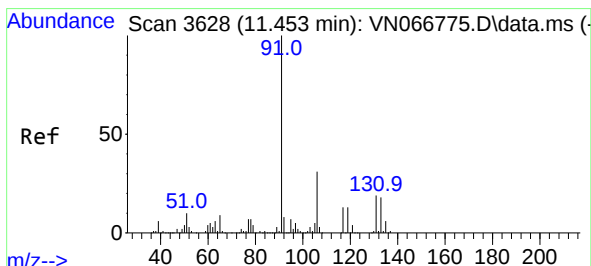
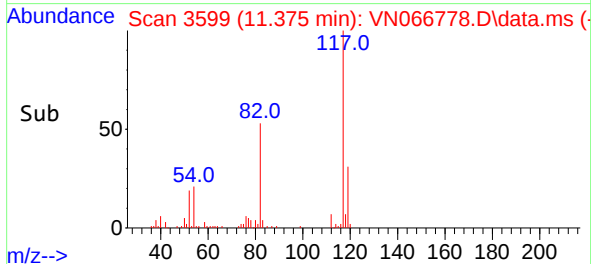
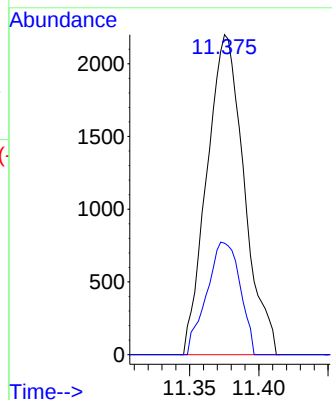
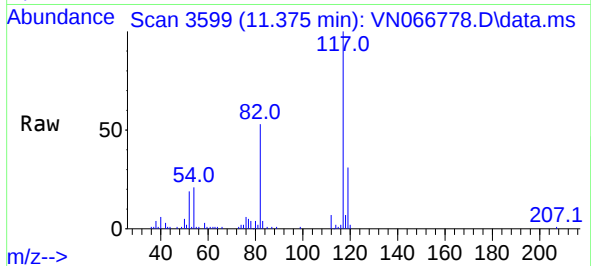




#65
Chlorobenzene
Concen: 0.43 ug/l
RT: 11.375 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

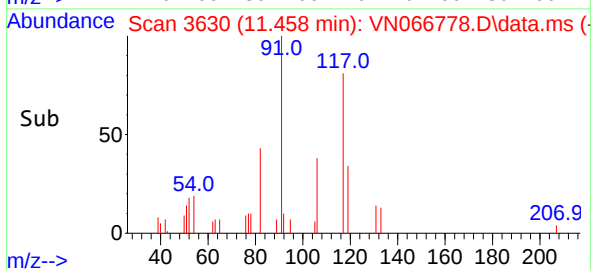
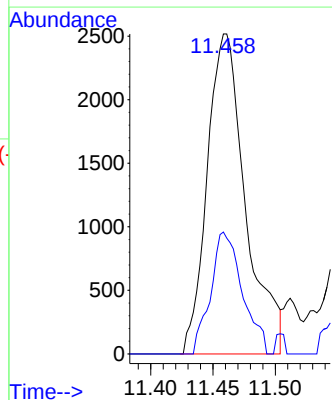
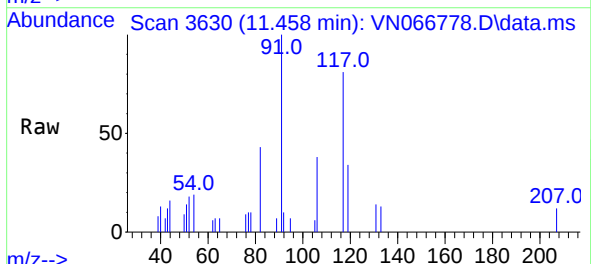
Instrument :
MSVOA_N
ClientSampleId :
IBLK

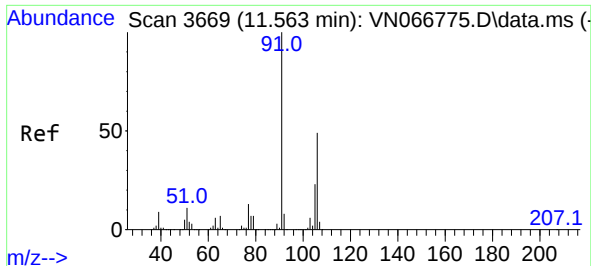
Tgt Ion:112 Resp: 4108
Ion Ratio Lower Upper
112 100
114 34.9 26.1 39.1



#67
Ethyl Benzene
Concen: 0.32 ug/l
RT: 11.458 min Scan# 3630
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 91 Resp: 5379
Ion Ratio Lower Upper
91 100
106 38.1 25.5 38.3

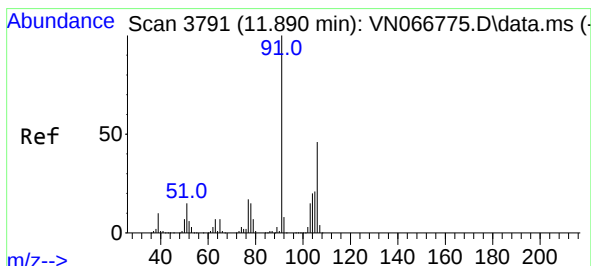
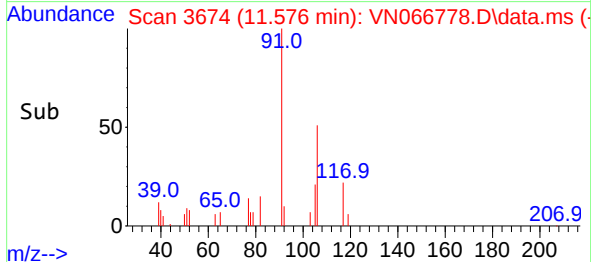
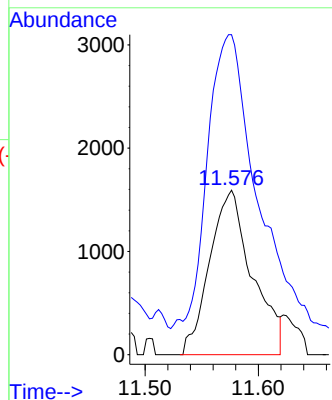
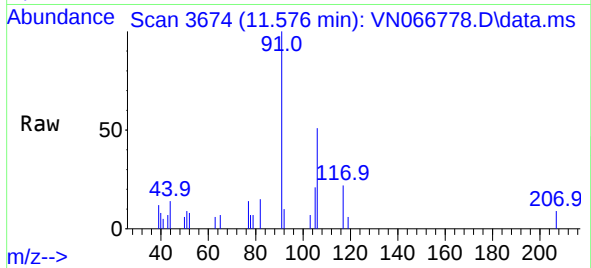




#68
m/p-Xylenes
Concen: 0.34 ug/l
RT: 11.576 min Scan# 3674
Delta R.T. 0.013 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

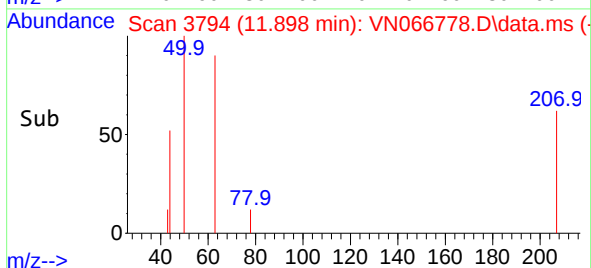
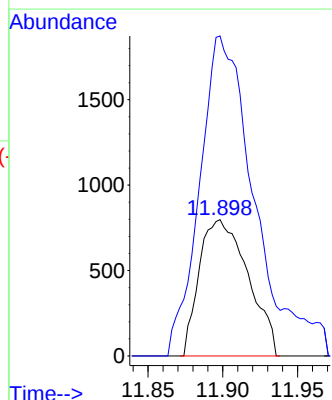
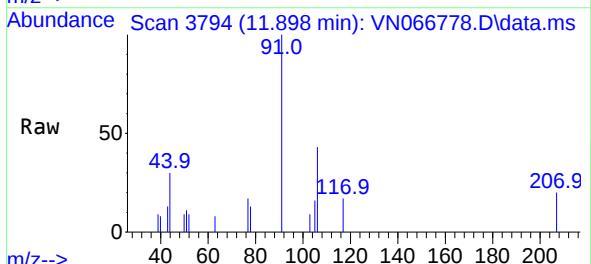
Instrument :
MSVOA_N
ClientSampled :
IBLK

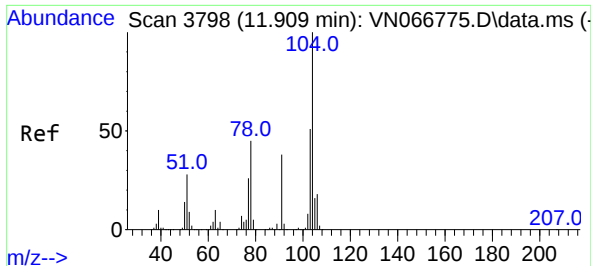
Tgt Ion:106 Resp: 4155
Ion Ratio Lower Upper
106 100
91 259.8 161.4 242.0#



#69
o-Xylene
Concen: 0.30 ug/l
RT: 11.898 min Scan# 3794
Delta R.T. 0.008 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion:106 Resp: 1807
Ion Ratio Lower Upper
106 100
91 266.1 106.8 320.4

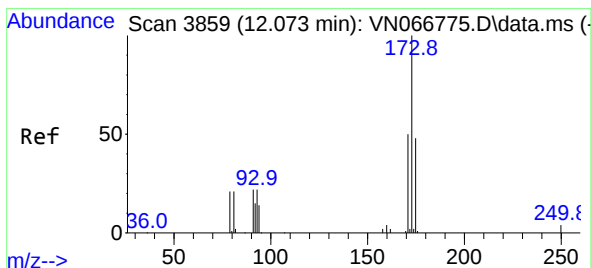
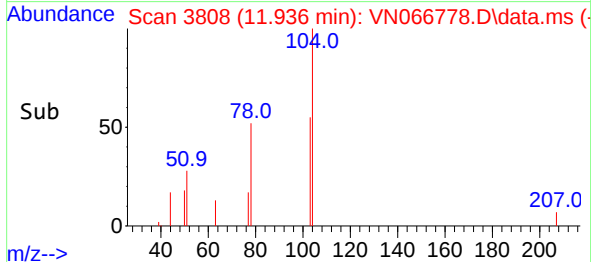
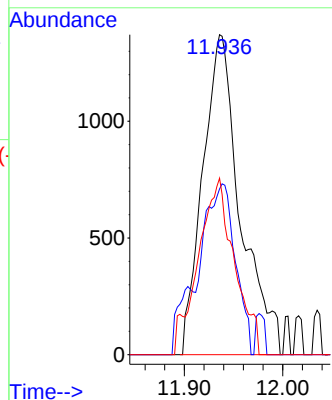
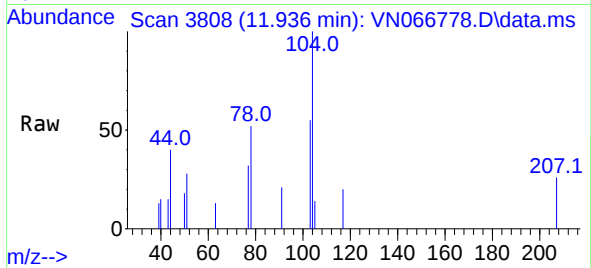




#70
Styrene
Concen: 0.39 ug/l
RT: 11.936 min Scan# 3808
Delta R.T. 0.027 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

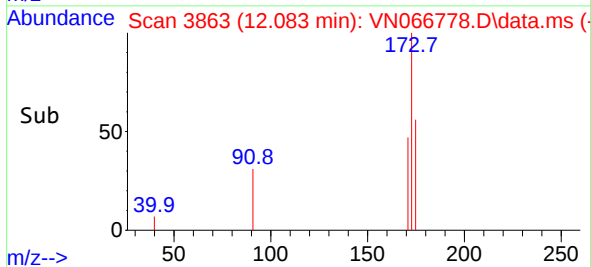
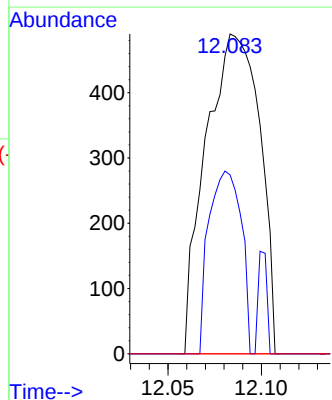
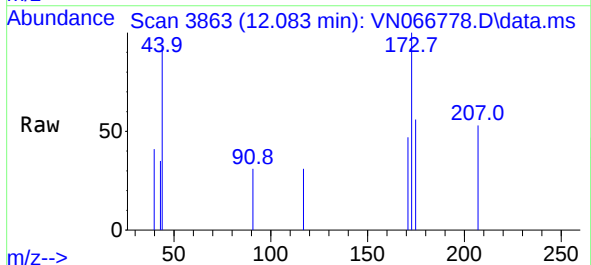
Instrument :
MSVOA_N
ClientSampled :
IBLK

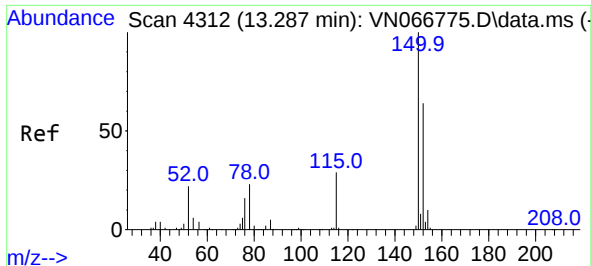
Tgt Ion:	104	Resp:	3636
Ion	Ratio	Lower	Upper
104	100		
78	44.0	39.0	58.4
103	50.1	44.5	66.7



#71
Bromoform
Concen: 0.38 ug/l
RT: 12.083 min Scan# 3863
Delta R.T. 0.011 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion:	173	Resp:	982
Ion	Ratio	Lower	Upper
173	100		
175	34.3	23.8	71.2
254	0.0	0.0	0.0

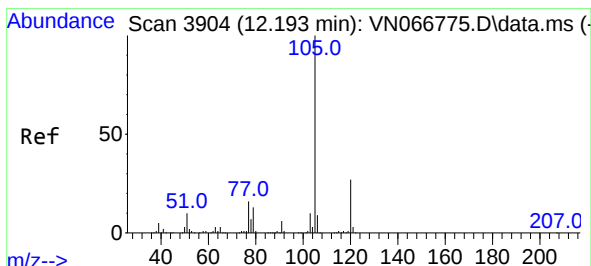
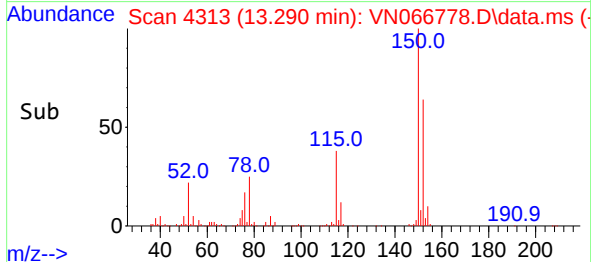
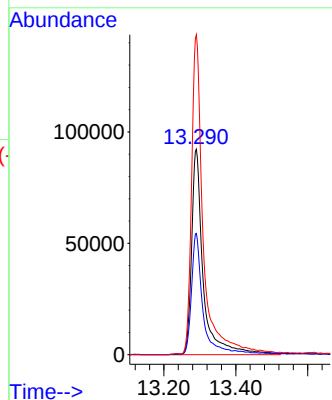
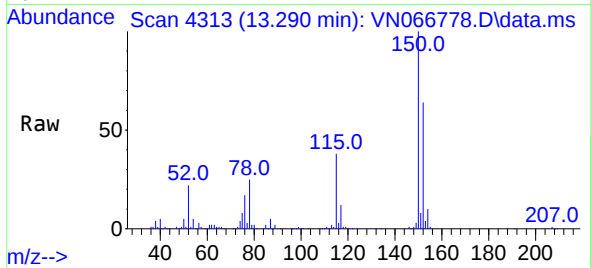




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

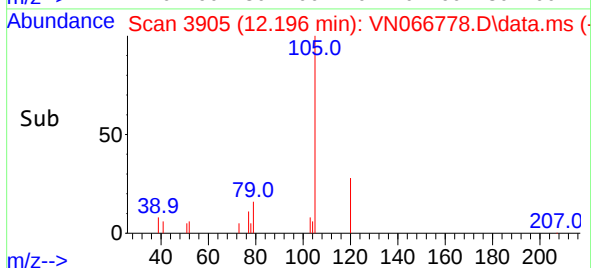
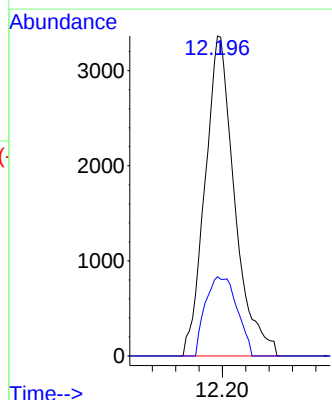
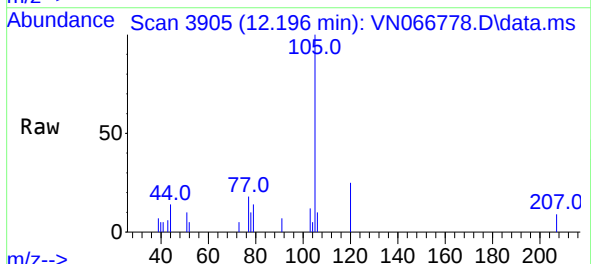
Instrument :
MSVOA_N
ClientSampled :
IBLK

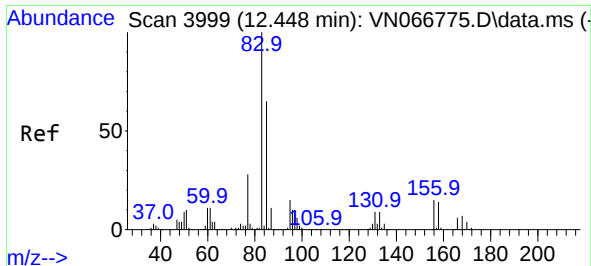
Tgt Ion:152 Resp: 209400
Ion Ratio Lower Upper
152 100
115 54.1 28.5 85.6
150 150.5 0.0 347.6



#73
Isopropylbenzene
Concen: 0.38 ug/l
RT: 12.196 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion:105 Resp: 5908
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

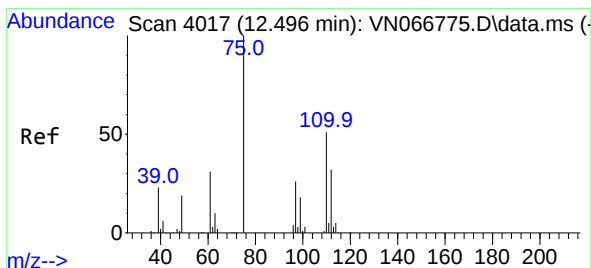
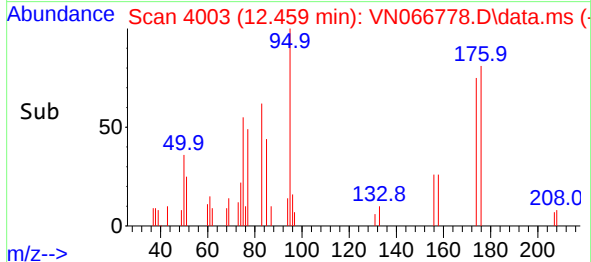
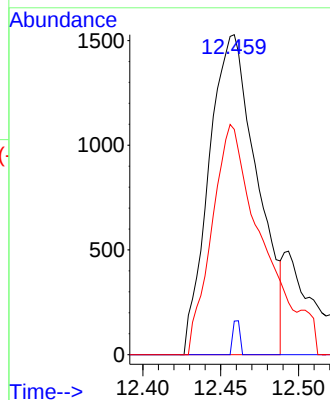
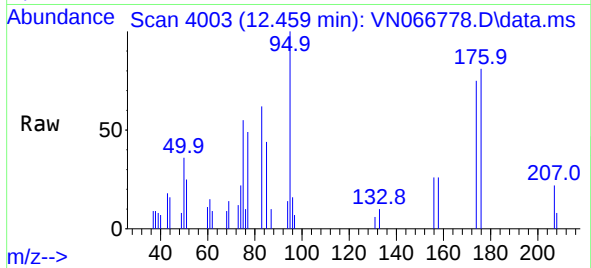




#75
1,1,2,2-Tetrachloroethane
Concen: 0.65 ug/l
RT: 12.459 min Scan# 4003
Delta R.T. 0.011 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

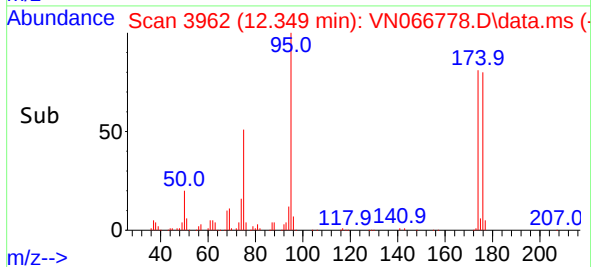
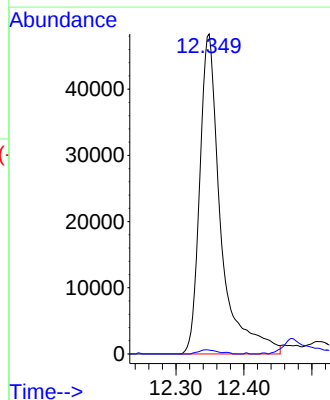
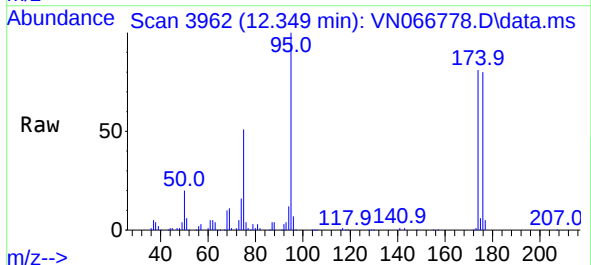
Instrument :
MSVOA_N
ClientSampled :
IBLK

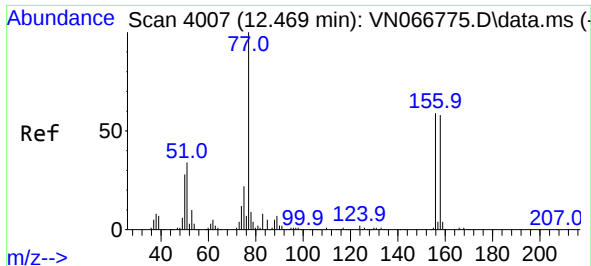
Tgt Ion: 83 Resp: 3303
Ion Ratio Lower Upper
83 100
131 1.6 5.3 15.8#
85 72.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 22.99 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.148 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 75 Resp: 103860
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

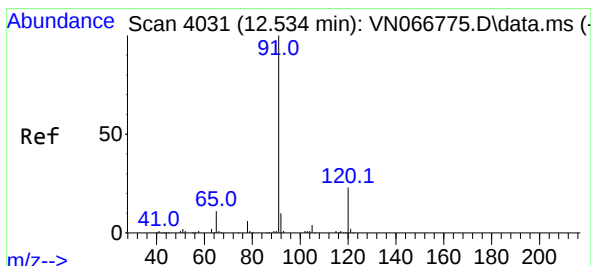
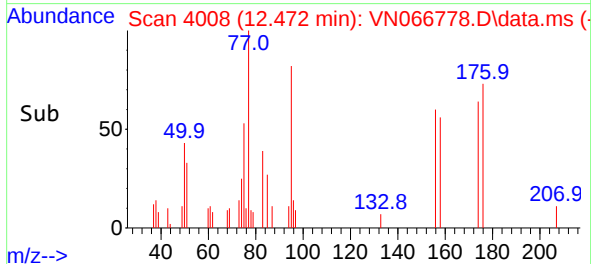
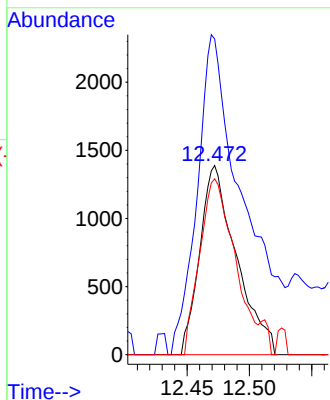
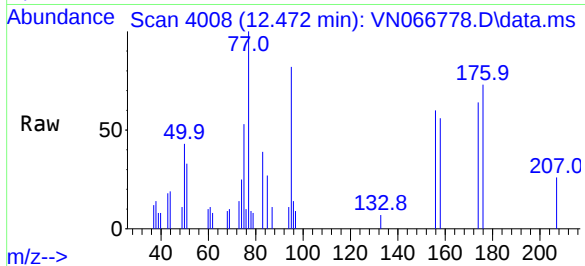




#77
Bromobenzene
Concen: 0.74 ug/l
RT: 12.472 min Scan# 4008
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

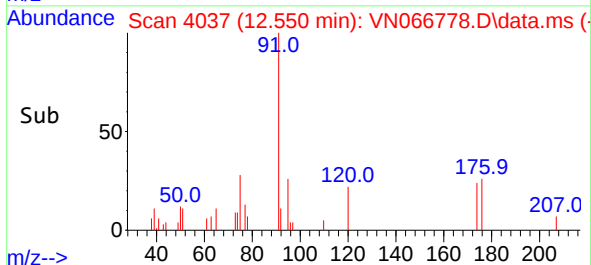
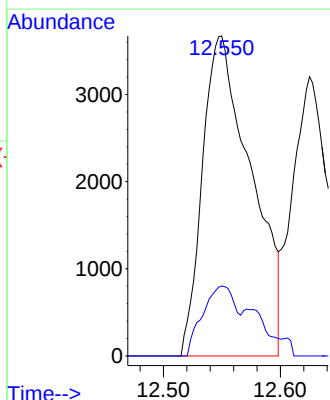
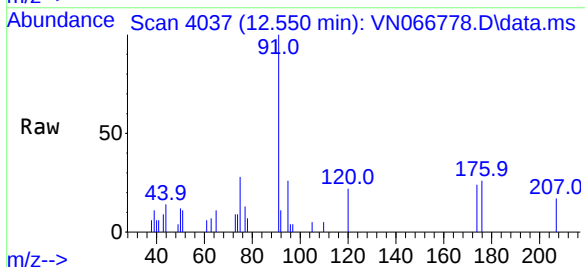
Instrument :
MSVOA_N
ClientSampled :
IBLK

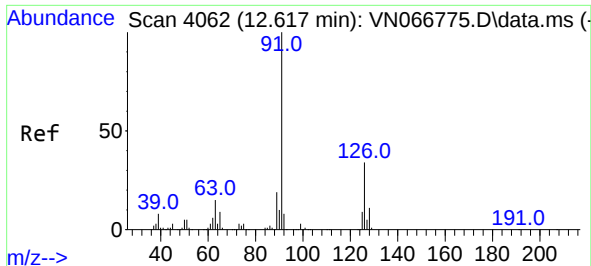
Tgt Ion:156 Resp: 2841
Ion Ratio Lower Upper
156 100
77 211.6 96.3 288.8
158 89.1 49.0 147.0



#78
n-propylbenzene
Concen: 0.62 ug/l
RT: 12.550 min Scan# 4037
Delta R.T. 0.016 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 91 Resp: 10656
Ion Ratio Lower Upper
91 100
120 14.8 11.8 35.3

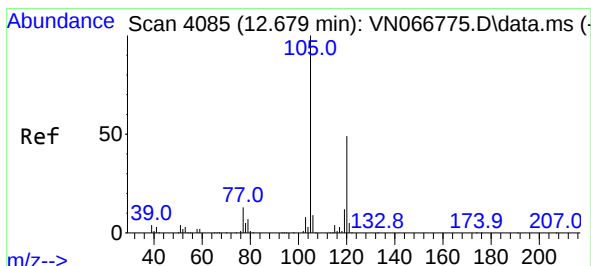
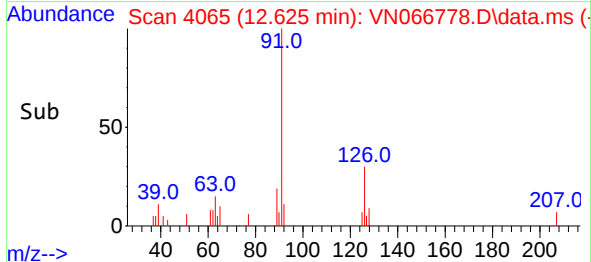
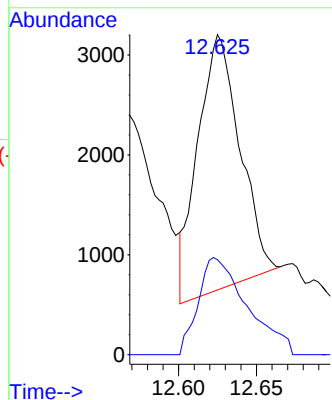
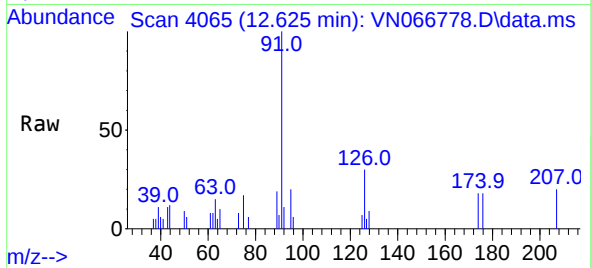




#79
2-Chlorotoluene
Concen: 0.44 ug/l
RT: 12.625 min Scan# 4065
Delta R.T. 0.008 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

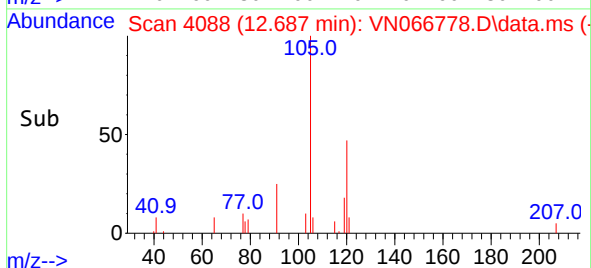
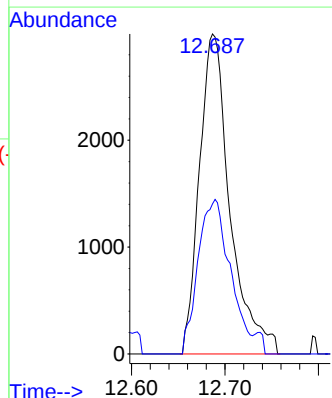
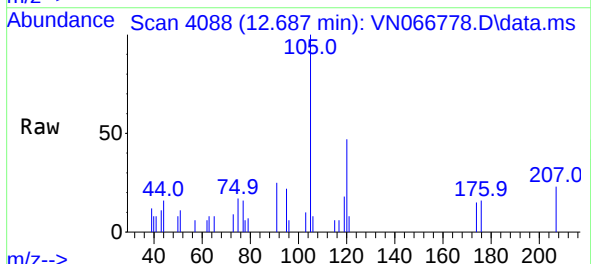
Instrument :
MSVOA_N
ClientSampled :
IBLK

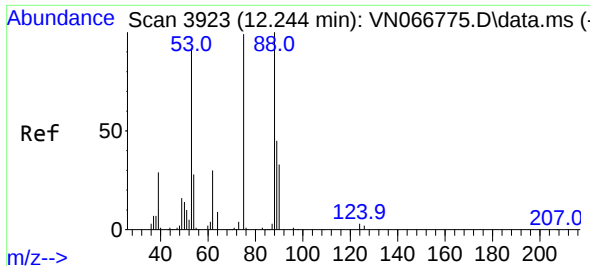
Tgt Ion: 91 Resp: 4803
Ion Ratio Lower Upper
91 100
126 44.2 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 0.52 ug/l
RT: 12.687 min Scan# 4088
Delta R.T. 0.008 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

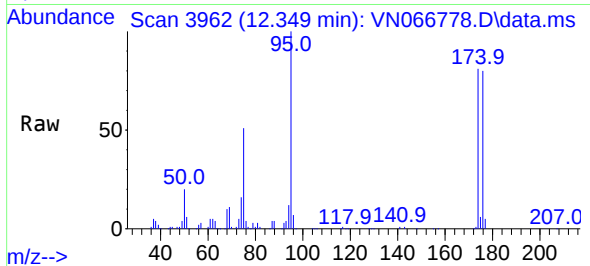
Tgt Ion: 105 Resp: 6812
Ion Ratio Lower Upper
105 100
120 50.9 24.3 72.8



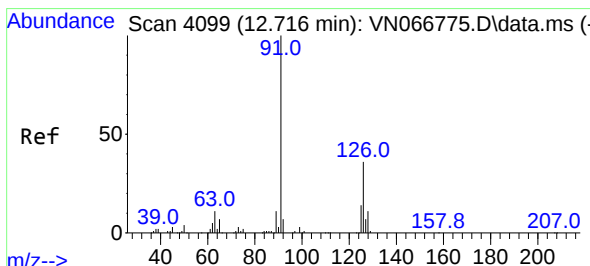
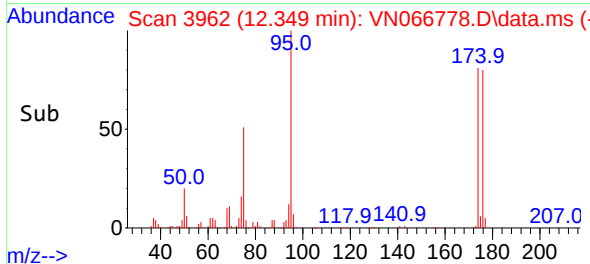
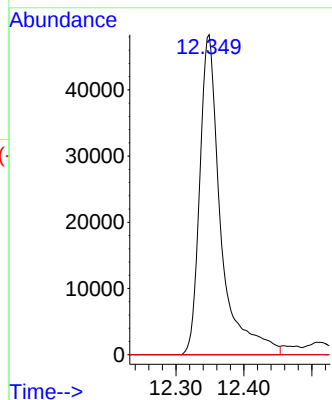


#81
trans-1,4-Dichloro-2-butene
Concen: 73.86 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Instrument :
MSVOA_N
ClientSampleId :
IBLK

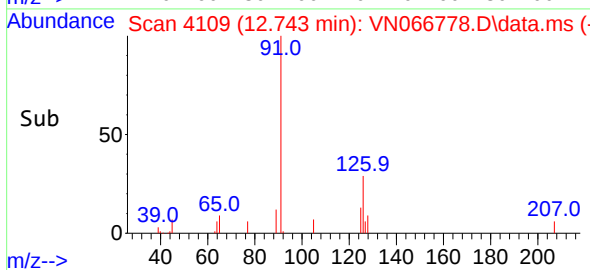
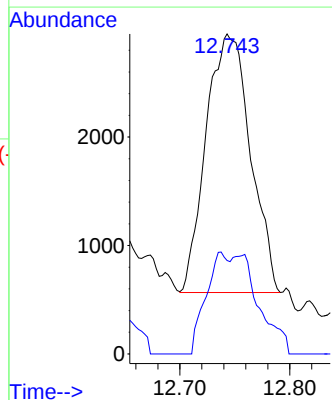
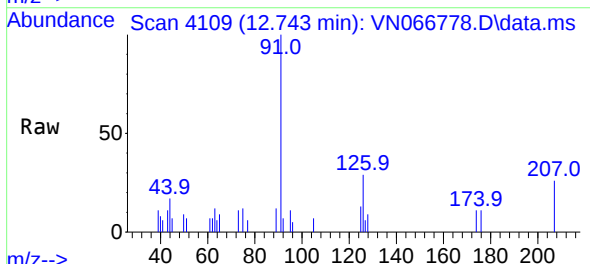


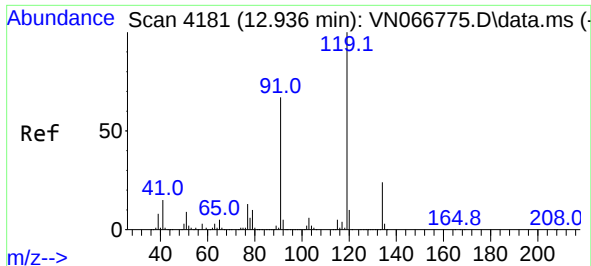
Tgt Ion: 75 Resp: 103860
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#82
4-Chlorotoluene
Concen: 0.63 ug/l
RT: 12.743 min Scan# 4109
Delta R.T. 0.027 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 91 Resp: 6682
Ion Ratio Lower Upper
91 100
126 20.8 17.2 51.6

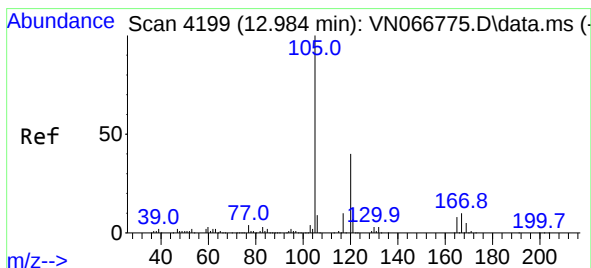
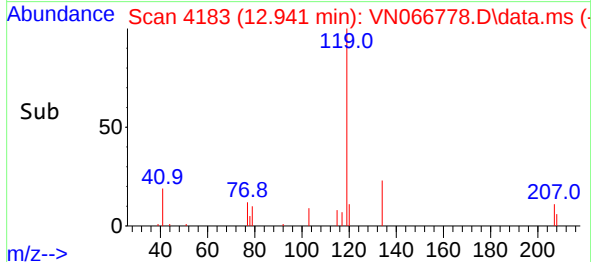
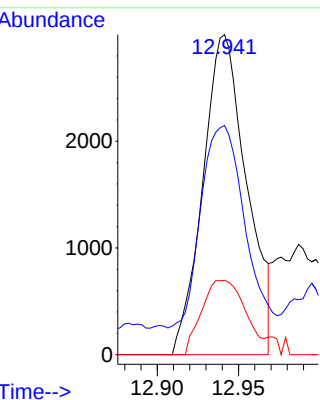
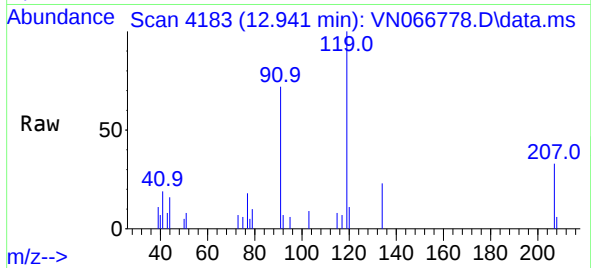




#83
tert-Butylbenzene
Concen: 0.50 ug/l
RT: 12.941 min Scan# 4183
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

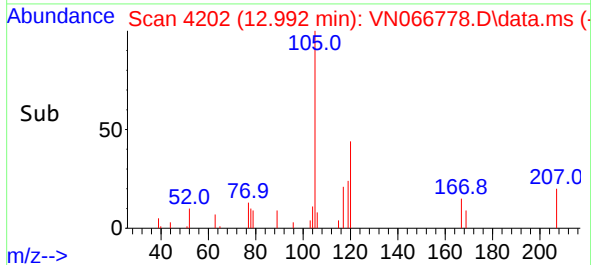
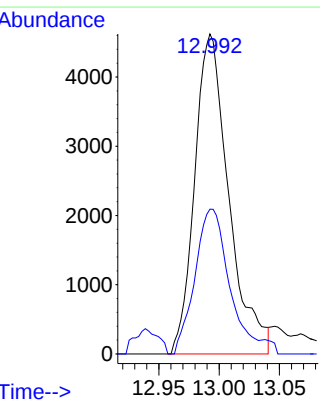
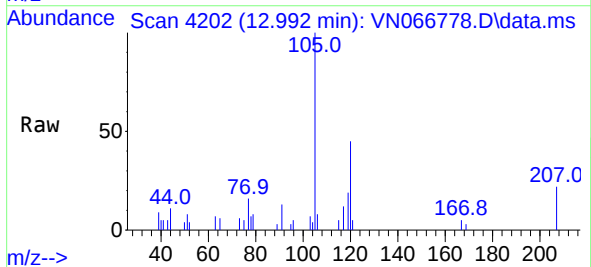
Instrument :
MSVOA_N
ClientSampled :
IBLK

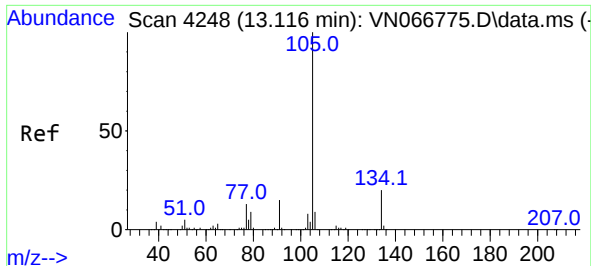
Tgt Ion:	119	Resp:	5631
Ion	Ratio	Lower	Upper
119	100		
91	65.1	33.0	98.9
134	23.1	12.7	38.1



#84
1,2,4-Trimethylbenzene
Concen: 0.73 ug/l
RT: 12.992 min Scan# 4202
Delta R.T. 0.008 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

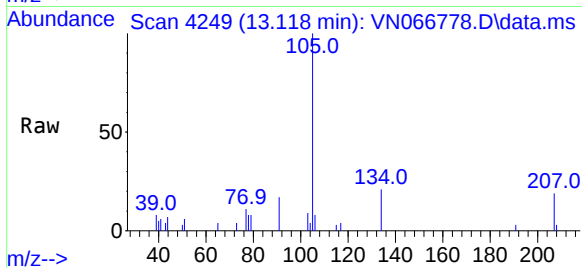
Tgt Ion:	105	Resp:	9072
Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.4	67.0



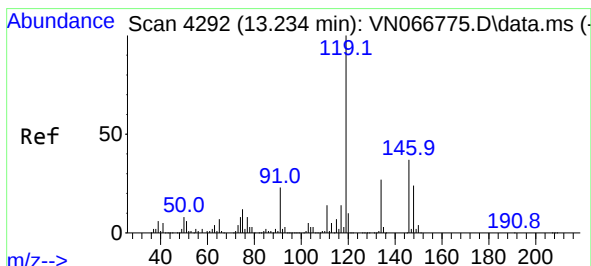
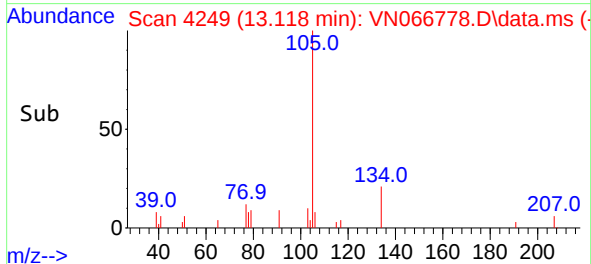
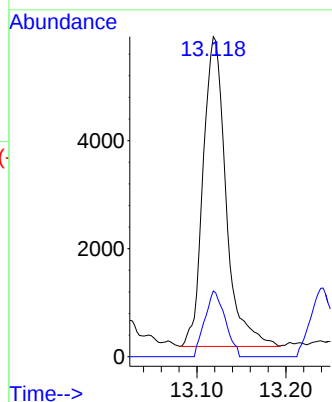


#85
sec-Butylbenzene
Concen: 0.70 ug/l
RT: 13.118 min Scan# 4249
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Instrument :
MSVOA_N
ClientSampled :
IBLK

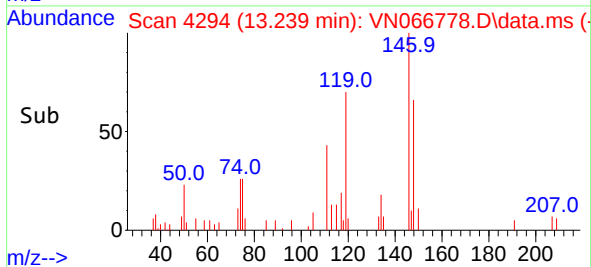
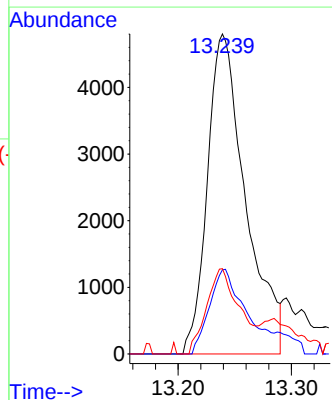
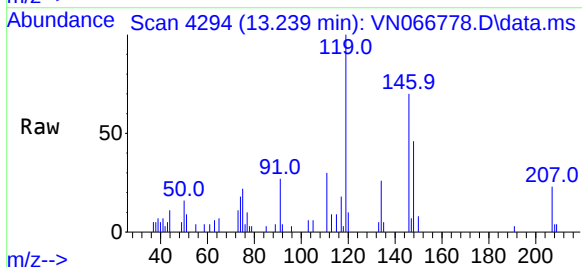


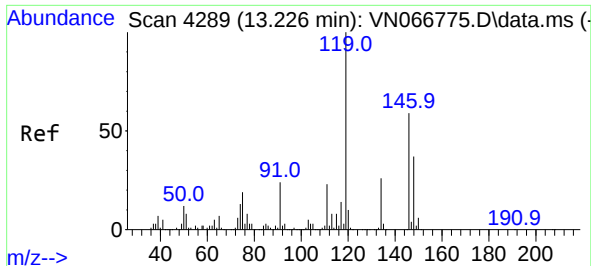
Tgt Ion:105 Resp: 10258
Ion Ratio Lower Upper
105 100
134 18.8 10.0 30.0



#86
p-Isopropyltoluene
Concen: 0.89 ug/l
RT: 13.239 min Scan# 4294
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion:119 Resp: 11240
Ion Ratio Lower Upper
119 100
134 25.5 13.3 39.8
91 22.7 11.8 35.3



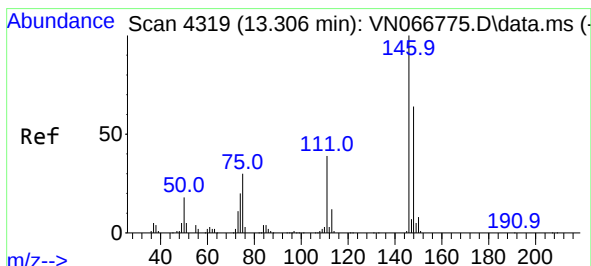
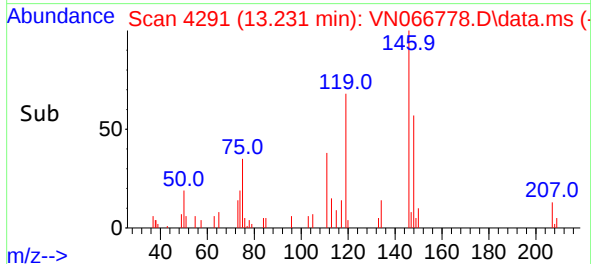
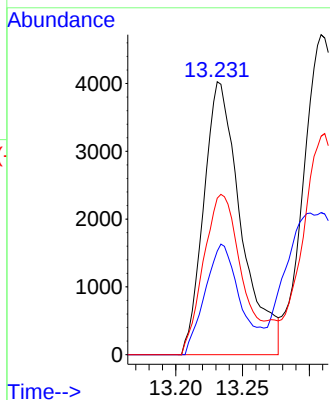
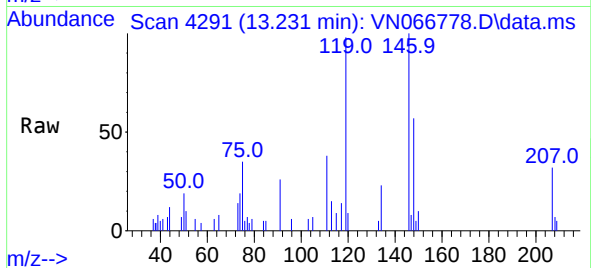


#87

1,3-Dichlorobenzene
Concen: 1.19 ug/l
RT: 13.231 min Scan# 4291
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Instrument :
MSVOA_N
ClientSampled :
IBLK

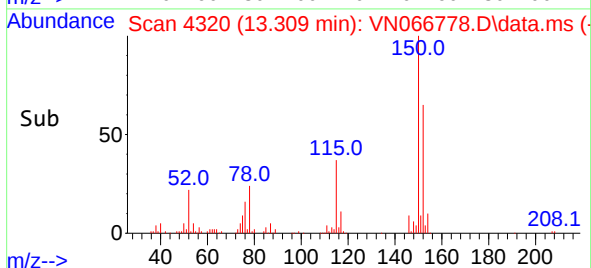
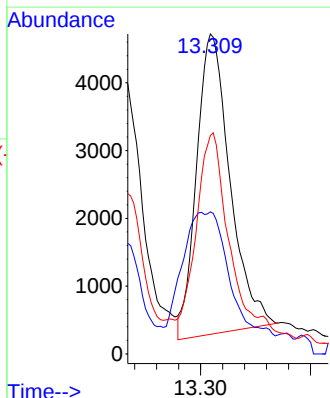
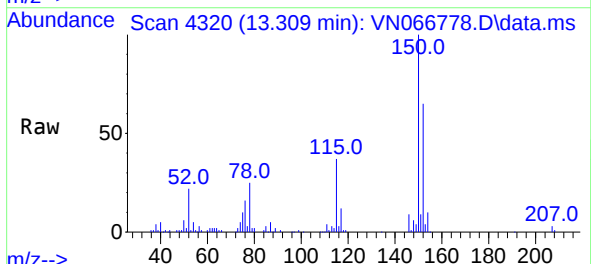
Tgt Ion:146	Resp:	7816
Ion Ratio	Lower	Upper
146	100	
111	38.6	19.5 58.5
148	59.7	32.3 96.9

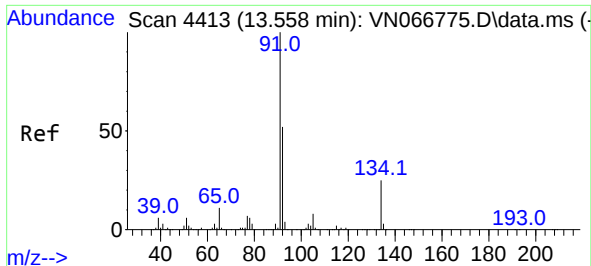


#88

1,4-Dichlorobenzene
Concen: 1.35 ug/l
RT: 13.309 min Scan# 4320
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion:146	Resp:	9365
Ion Ratio	Lower	Upper
146	100	
111	25.0	19.0 57.0
148	58.5	31.8 95.3

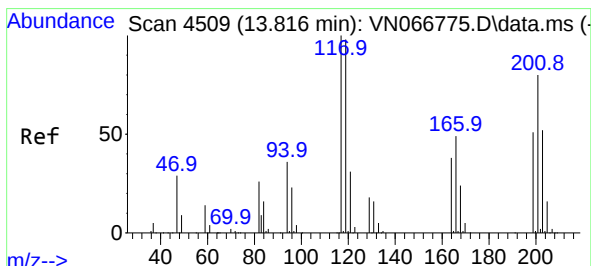
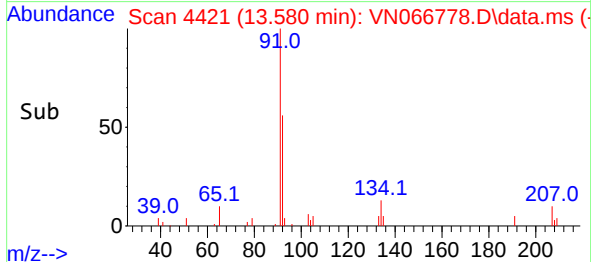
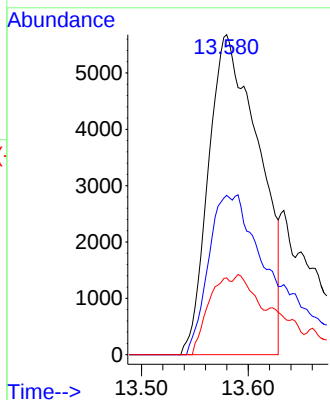
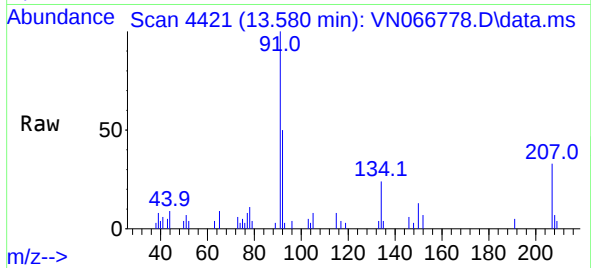




#89
n-Butylbenzene
Concen: 1.71 ug/l
RT: 13.580 min Scan# 4421
Delta R.T. 0.021 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

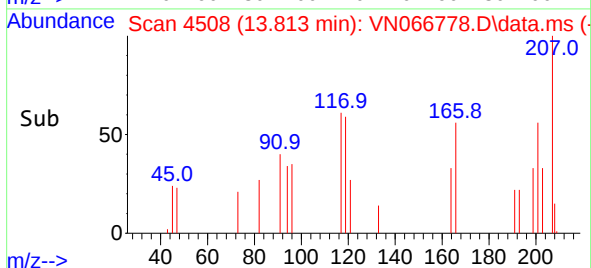
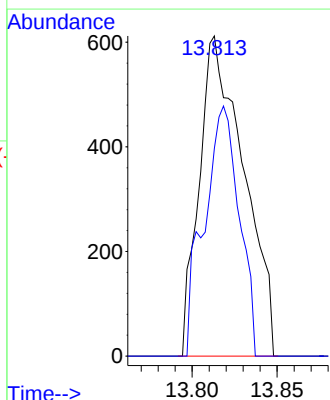
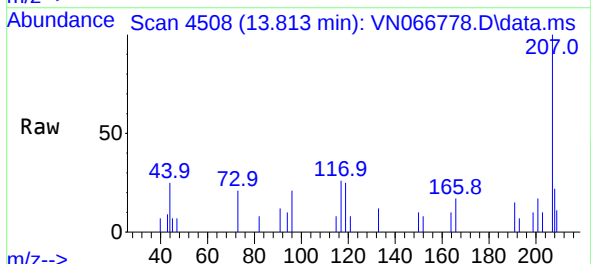
Instrument :
MSVOA_N
ClientSampled :
IBLK

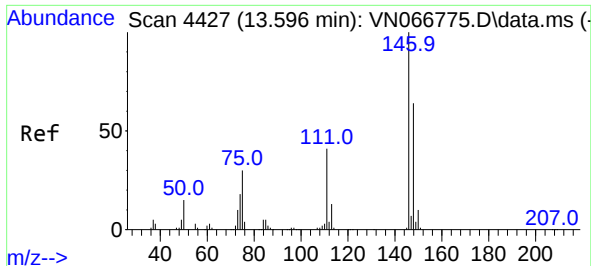
Tgt Ion: 91 Resp: 18622
Ion Ratio Lower Upper
91 100
92 24.0 26.1 78.3#
134 11.7 13.0 38.9#



#90
Hexachloroethane
Concen: 0.42 ug/l
RT: 13.813 min Scan# 4508
Delta R.T. -0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 117 Resp: 1116
Ion Ratio Lower Upper
117 100
201 61.3 37.8 113.3

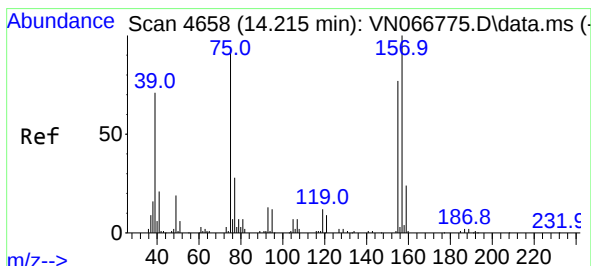
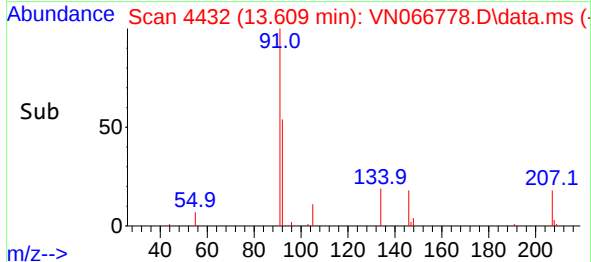
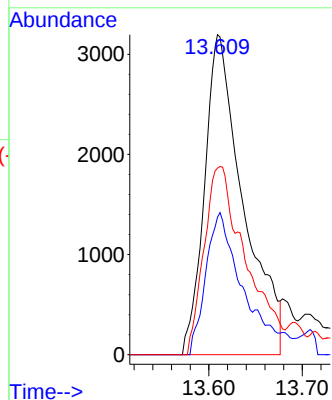
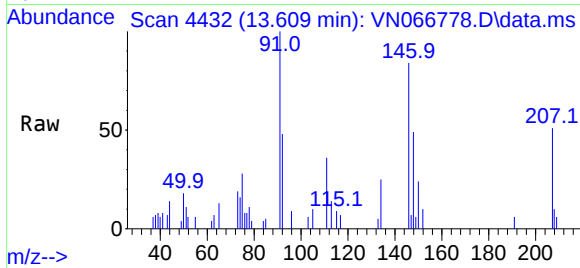




#91
1,2-Dichlorobenzene
Concen: 1.39 ug/l
RT: 13.609 min Scan# 4432
Delta R.T. 0.013 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

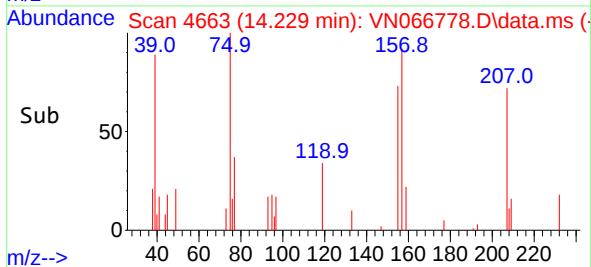
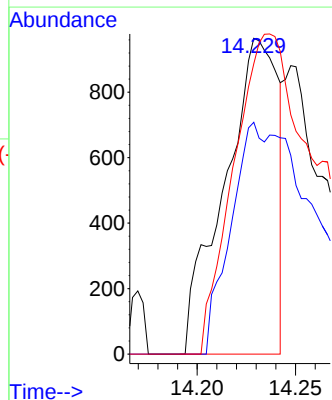
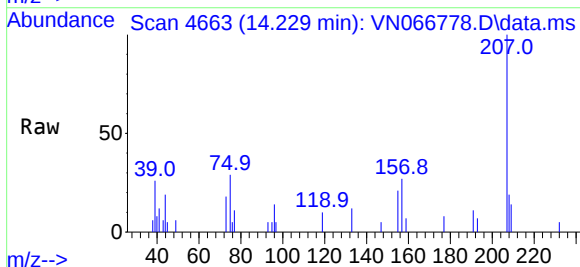
Instrument :
MSVOA_N
ClientSampled :
IBLK

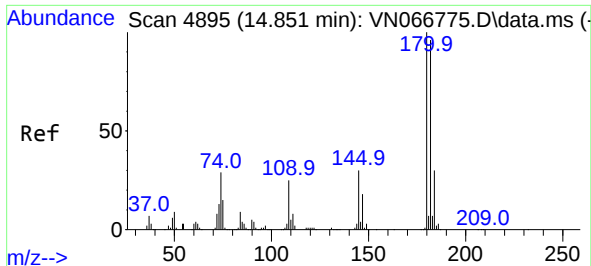
Tgt Ion:146 Resp: 9203
Ion Ratio Lower Upper
146 100
111 35.9 20.1 60.3
148 64.3 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.96 ug/l
RT: 14.229 min Scan# 4663
Delta R.T. 0.013 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion: 75 Resp: 1815
Ion Ratio Lower Upper
75 100
155 46.2 44.1 132.4
157 167.2 56.0 168.2

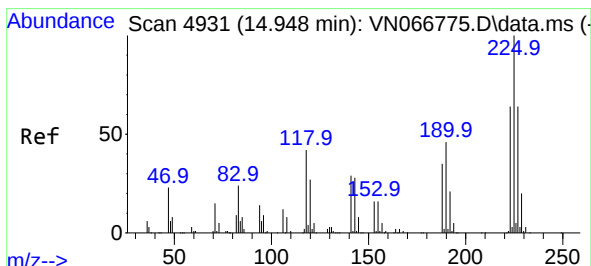
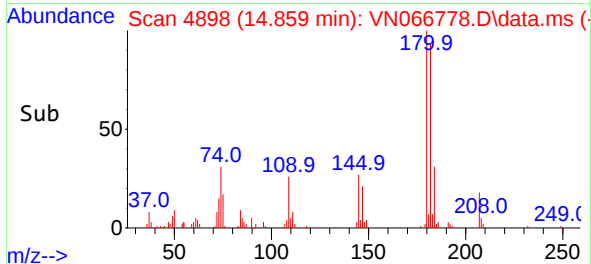
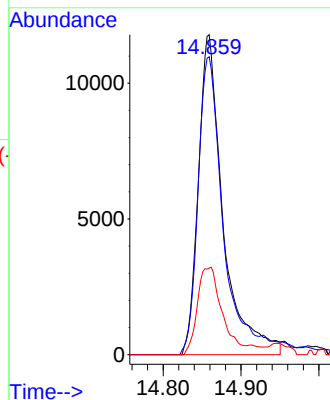
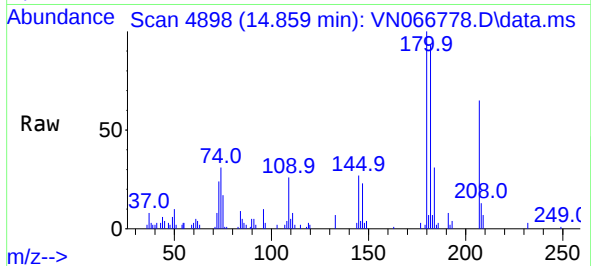




#93
1,2,4-Trichlorobenzene
Concen: 7.06 ug/l
RT: 14.859 min Scan# 4898
Delta R.T. 0.008 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

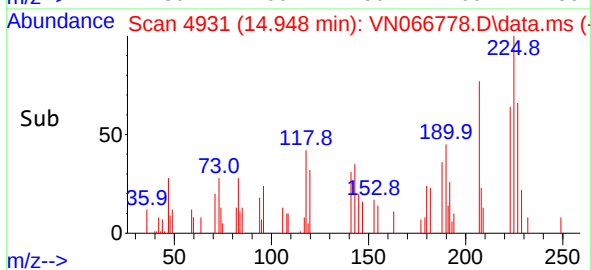
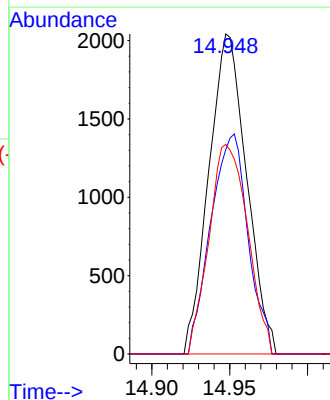
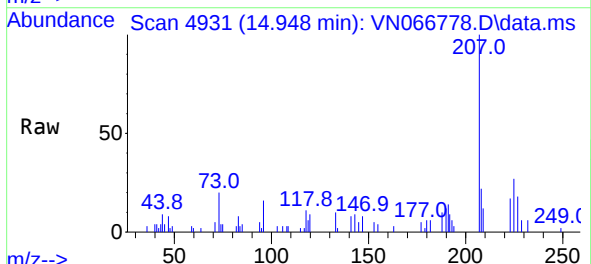
Instrument :
MSVOA_N
ClientSampled :
IBLK

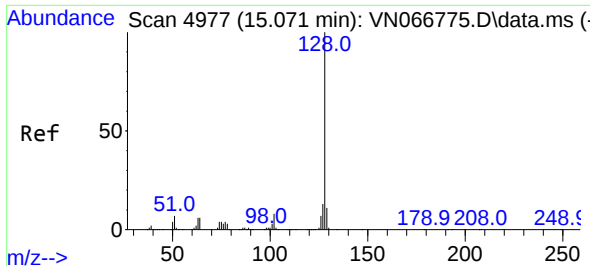
Tgt Ion:180 Resp: 26031
Ion Ratio Lower Upper
180 100
182 92.1 47.3 142.0
145 27.4 15.6 46.8



#94
Hexachlorobutadiene
Concen: 1.70 ug/l
RT: 14.948 min Scan# 4931
Delta R.T. -0.000 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion:225 Resp: 3435
Ion Ratio Lower Upper
225 100
223 68.0 31.9 95.9
227 67.0 31.6 95.0



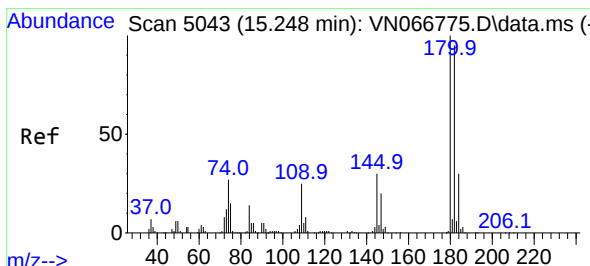
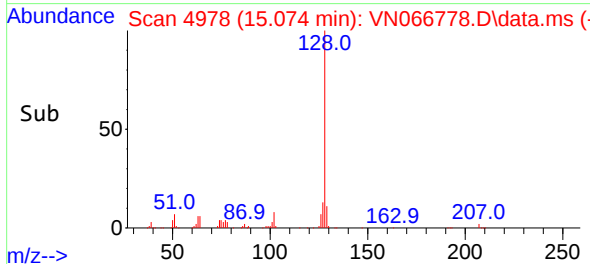
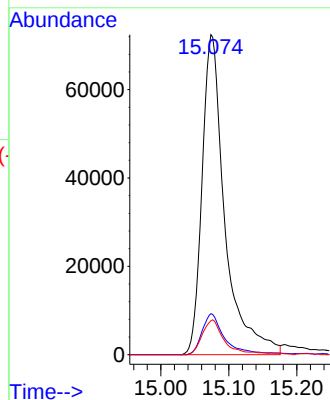
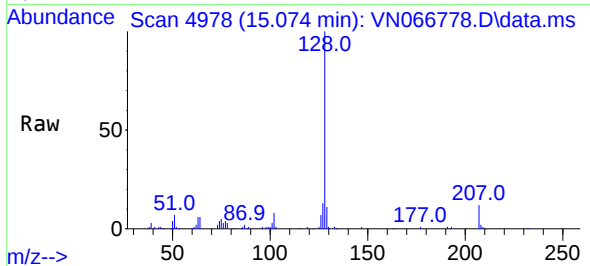


#95
Naphthalene
Concen: 17.82 ug/l
RT: 15.074 min Scan# 4978
Delta R.T. 0.003 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 169026

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 9.31 ug/l
RT: 15.253 min Scan# 5045
Delta R.T. 0.005 min
Lab File: VN066778.D
Acq: 27 Apr 2021 13:14

Tgt Ion:180 Resp: 33243

Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.4	142.3
145	32.7	16.5	49.5

