

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
 Data File : VN066696.D
 Acq On : 21 Apr 2021 13:01
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 21 16:00:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 21 14:58:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	318668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	494046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	442882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	190751	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	187192	48.08	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.16%
35) Dibromofluoromethane	7.513	113	150877	48.77	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.54%
50) Toluene-d8	10.029	98	601417	49.85	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.70%
62) 4-Bromofluorobenzene	12.349	95	197458	47.79	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.58%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.835	85	820	0.22	ug/l	95
3) Chloromethane	2.037	50	2108	0.88	ug/l	91
5) Bromomethane	2.527	94	1679	0.65	ug/l	85
11) Tert butyl alcohol	4.673	59	935	1.90	ug/l #	73
13) Acrolein	3.552	56	1917	3.52	ug/l #	60
15) Acrylonitrile	4.912	53	980	0.56	ug/l #	84
16) Acetone	3.758	43	3247	Below Cal		90
17) Carbon Disulfide	3.984	76	11185	1.94	ug/l	97
18) Methyl Acetate	4.268	43	2331	0.55	ug/l #	63
20) Methylene Chloride	4.472	84	1195	0.42	ug/l #	80
25) 2-Butanone	6.765	43	2845	1.31	ug/l	98
29) Tetrahydrofuran	7.130	42	930	0.63	ug/l #	77
31) Cyclohexane	7.594	56	7278	1.15	ug/l #	6
36) 1,1-Dichloropropene	7.717	75	1575	0.33	ug/l #	69
38) Carbon Tetrachloride	7.594	117	28515	6.26	ug/l #	17
39) Methylcyclohexane	9.015	83	1564	0.28	ug/l	91
41) Methacrylonitrile	7.089	41	463	1.86	ug/l #	100
42) 1,2-Dichloroethane	8.047	62	1052	0.22	ug/l #	74
44) Trichloroethene	8.771	130	1377	0.37	ug/l	99
46) Dibromomethane	9.152	93	611	0.25	ug/l #	74
48) Methyl methacrylate	9.149	41	794	0.23	ug/l #	59
49) 1,4-Dioxane	9.146	88	777	18.10	ug/l #	86
51) 4-Methyl-2-Pentanone	9.927	43	9875	2.24	ug/l	87
52) Toluene	10.099	92	2010	0.22	ug/l	95
53) t-1,3-Dichloropropene	10.324	75	1437	0.27	ug/l	96
56) Ethyl methacrylate	10.372	69	1314	3.32	ug/l #	70
58) 2-Chloroethyl Vinyl ether	9.648	63	139	22.34	ug/l #	47
59) 2-Hexanone	10.710	43	5672	17.95	ug/l	86
64) Tetrachloroethene	10.568	164	1640	0.51	ug/l	87
65) Chlorobenzene	11.375	112	4085	0.43	ug/l	92
67) Ethyl Benzene	11.456	91	5229	0.32	ug/l	95
68) m/p-Xylenes	11.574	106	4631	0.77	ug/l	81
69) o-Xylene	11.893	106	1926	0.33	ug/l	90
70) Styrene	11.928	104	3722	3.22	ug/l	95
73) Isopropylbenzene	12.196	105	6024	0.43	ug/l	100
74) N-amyl acetate	12.024	43	109	17.92	ug/l #	42

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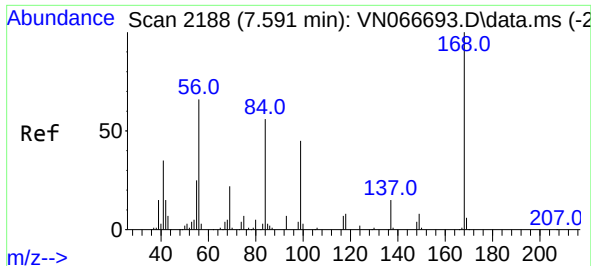
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 21 16:00:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 21 14:58:35 2021
 Response via : Initial Calibration

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

75) 1,1,2,2-Tetrachloroethane	12.456	83	3921	0.82	ug/l #	89
76) 1,2,3-Trichloropropane	12.346	75	95102	23.00	ug/l #	100
77) Bromobenzene	12.475	156	2780	0.76	ug/l	80
78) n-propylbenzene	12.547	91	11222	0.72	ug/l	97
79) 2-Chlorotoluene	12.622	91	4609	0.48	ug/l	83
80) 1,3,5-Trimethylbenzene	12.684	105	6800	0.57	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.346	75	95102	69.00	ug/l #	12
82) 4-Chlorotoluene	12.740	91	7344	0.77	ug/l	88
83) tert-Butylbenzene	12.939	119	5857	0.58	ug/l	98
84) 1,2,4-Trimethylbenzene	12.990	105	10187	0.88	ug/l	100
85) sec-Butylbenzene	13.118	105	10715	0.81	ug/l	96
86) p-Isopropyltoluene	13.236	119	12712	1.11	ug/l	97
87) 1,3-Dichlorobenzene	13.234	146	7879	1.24	ug/l	96
88) 1,4-Dichlorobenzene	13.234	146	7879	2.51	ug/l	98
89) n-Butylbenzene	13.572	91	30184	5.60	ug/l	90
90) Hexachloroethane	13.808	117	538	0.22	ug/l	87
91) 1,2-Dichlorobenzene	13.612	146	9621	2.25	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.231	75	2745	3.95	ug/l #	68
93) 1,2,4-Trichlorobenzene	14.856	180	27871	9.00	ug/l	96
94) Hexachlorobutadiene	14.948	225	4069	2.55	ug/l	95
95) Naphthalene	15.074	128	175765	20.12	ug/l	98
96) 1,2,3-Trichlorobenzene	15.251	180	36725	11.33	ug/l	98

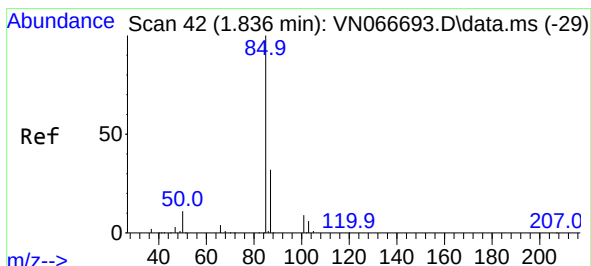
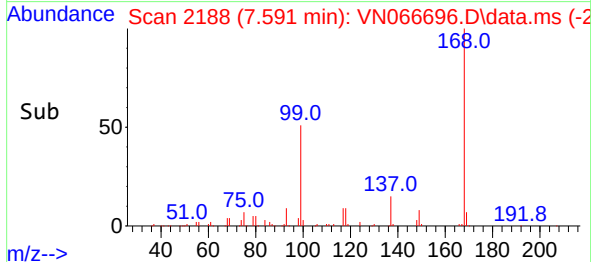
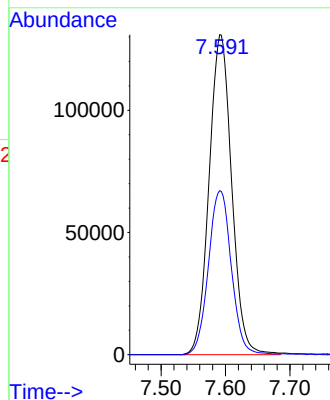
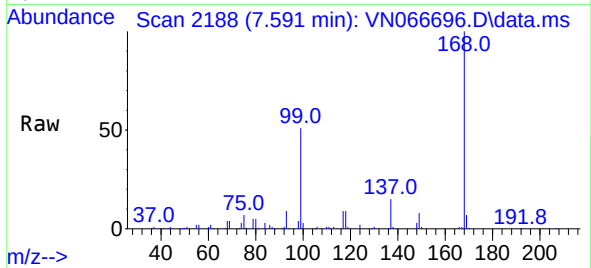
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

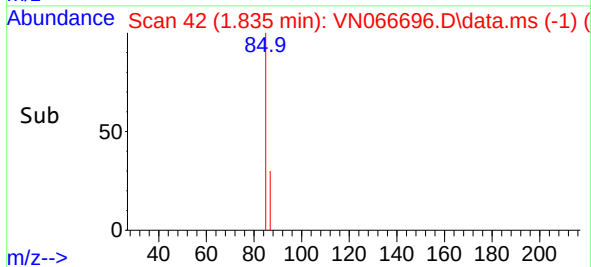
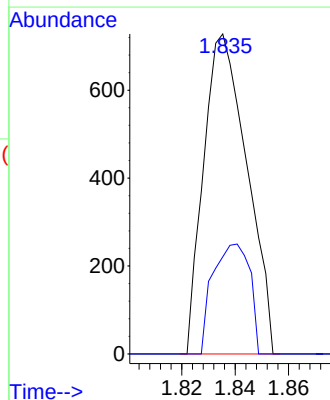
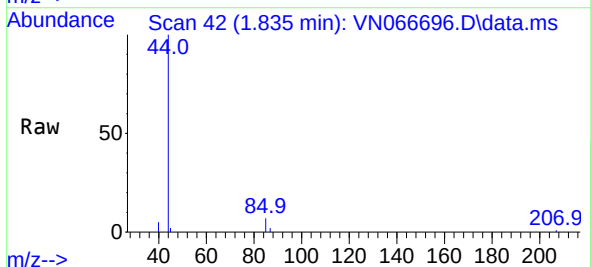
Instrument :
MSVOA_N
ClientSampled :
IBLK

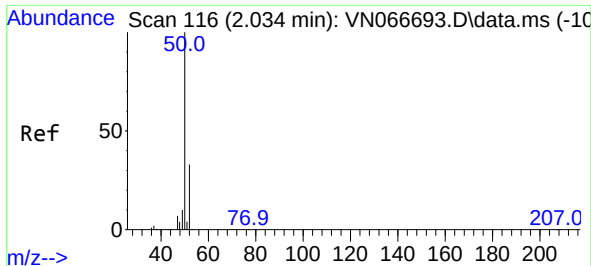
Tgt Ion:168 Resp: 318668
Ion Ratio Lower Upper
168 100
99 51.3 42.6 63.8



#2
Dichlorodifluoromethane
Concen: 0.22 ug/l
RT: 1.835 min Scan# 42
Delta R.T. -0.001 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 85 Resp: 820
Ion Ratio Lower Upper
85 100
87 30.4 16.6 49.8

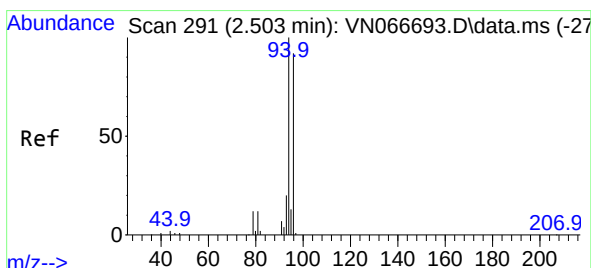
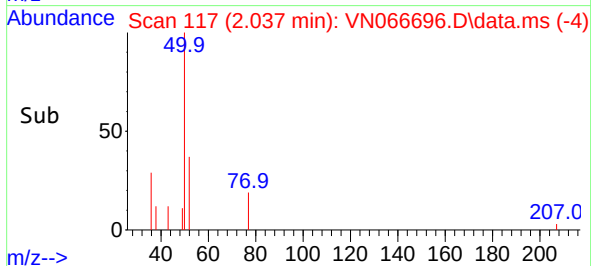
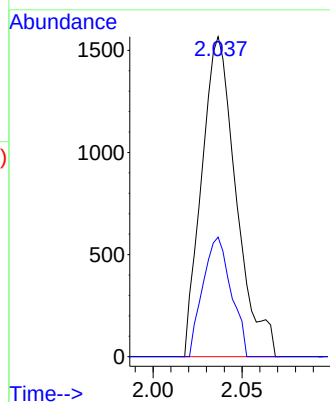
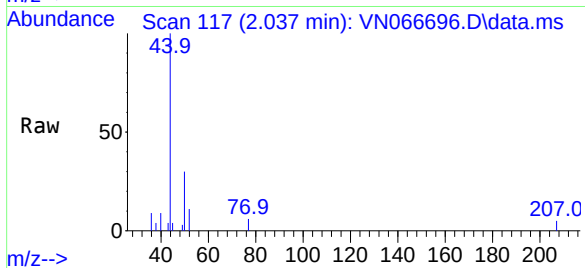




#3
Chloromethane
Concen: 0.88 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

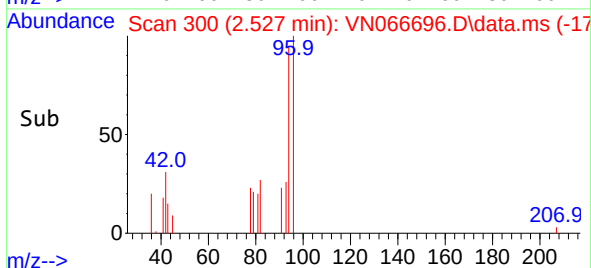
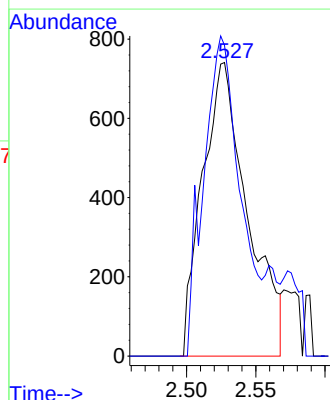
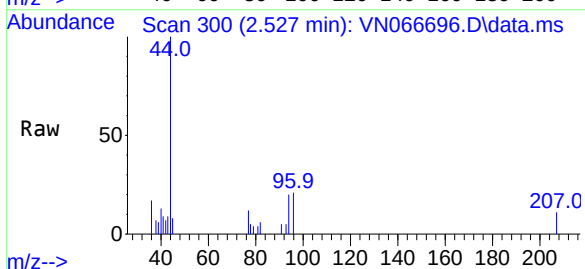
Instrument :
MSVOA_N
ClientSampled :
IBLK

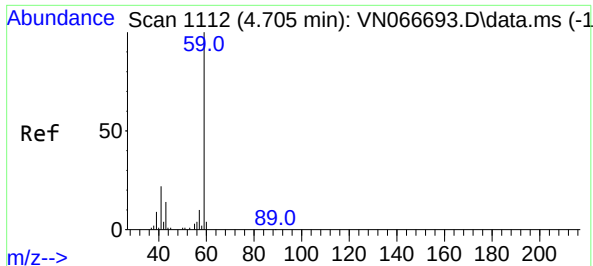
Tgt Ion: 50 Resp: 2108
Ion Ratio Lower Upper
50 100
52 37.3 25.8 38.8



#5
Bromomethane
Concen: 0.65 ug/l
RT: 2.527 min Scan# 300
Delta R.T. 0.024 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 94 Resp: 1679
Ion Ratio Lower Upper
94 100
96 105.8 73.0 109.4

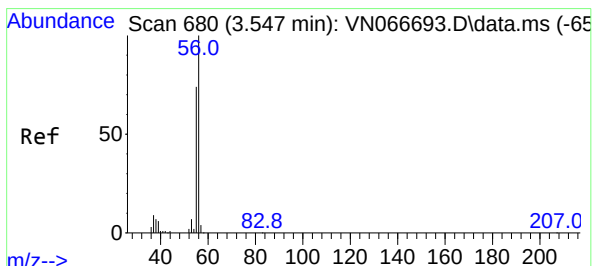
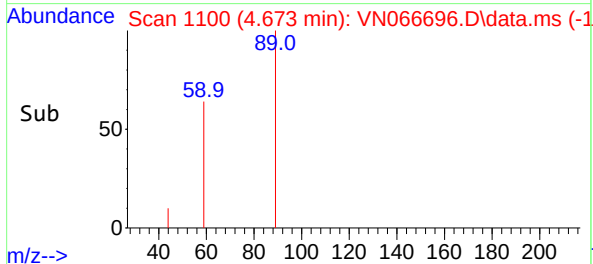
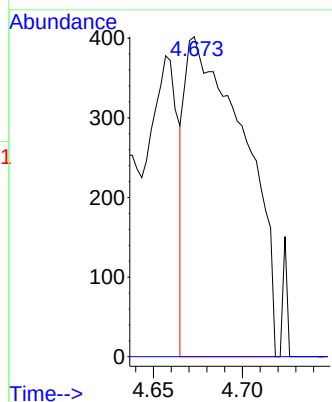
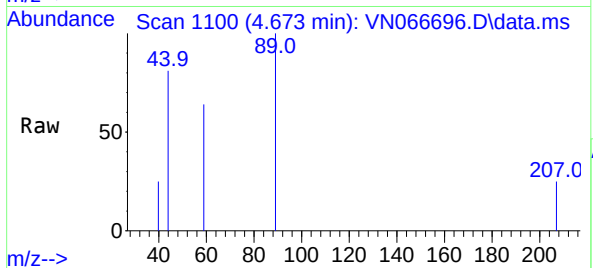




#11
Tert butyl alcohol
Concen: 1.90 ug/l
RT: 4.673 min Scan# 1100
Delta R.T. -0.032 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

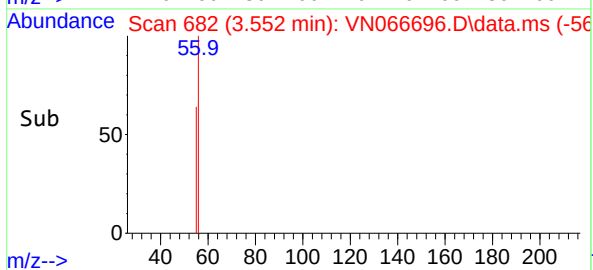
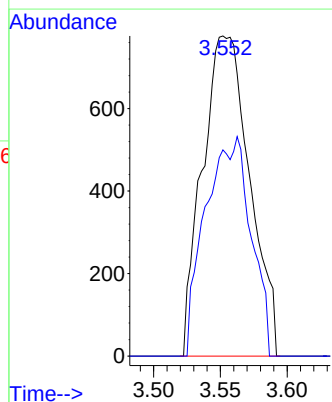
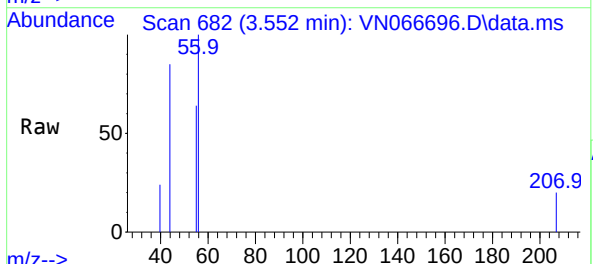
Instrument :
MSVOA_N
ClientSampled :
IBLK

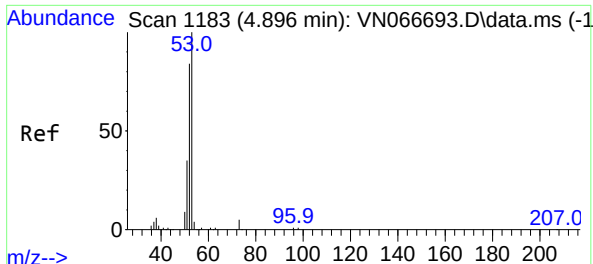
Tgt Ion: 59 Resp: 935
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 3.52 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 56 Resp: 1917
Ion Ratio Lower Upper
56 100
55 37.5 56.0 84.0#



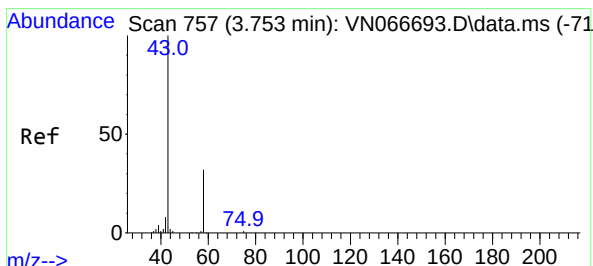
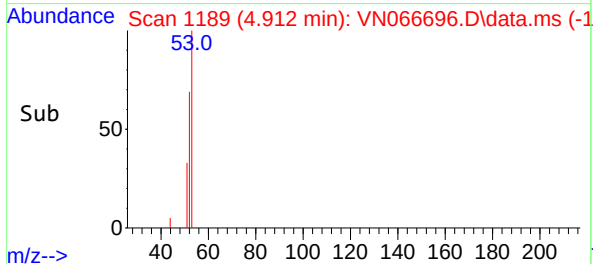
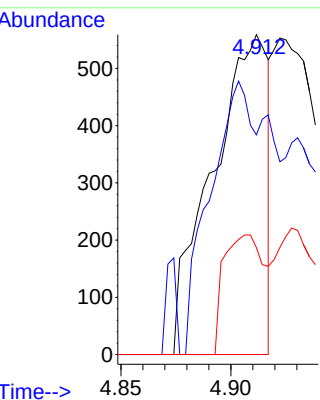
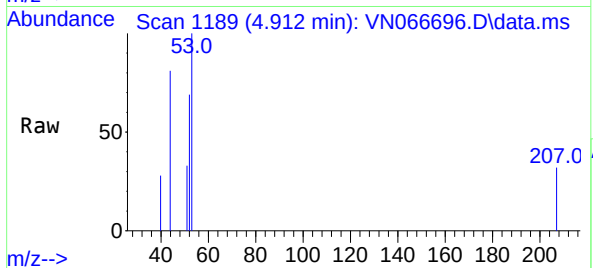


#15
Acrylonitrile
Concen: 0.56 ug/l
RT: 4.912 min Scan# 1189
Delta R.T. 0.016 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 53 Resp: 980

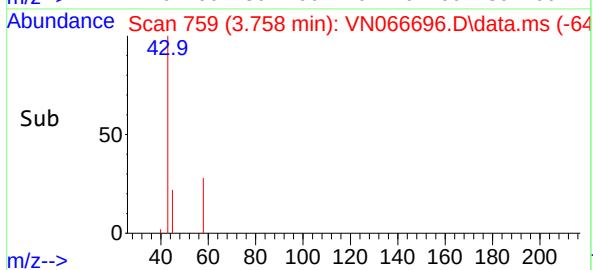
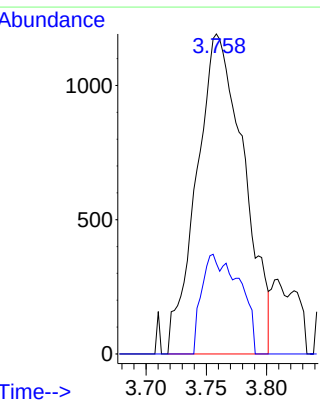
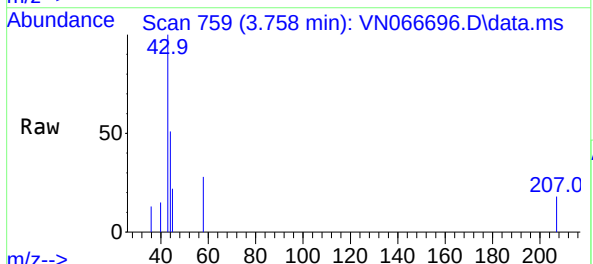
Ion	Ratio	Lower	Upper
53	100		
52	67.9	66.1	99.1
51	27.0	27.9	41.9#

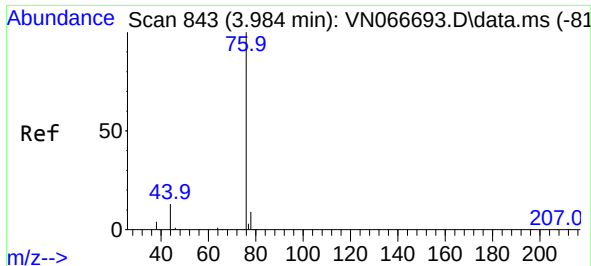


#16
Acetone
Concen: Below Cal
RT: 3.758 min Scan# 759
Delta R.T. 0.005 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 43 Resp: 3247

Ion	Ratio	Lower	Upper
43	100		
58	28.3	27.0	40.6

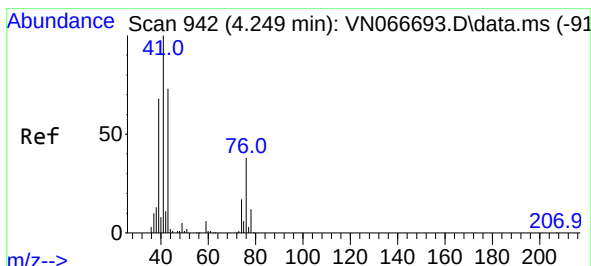
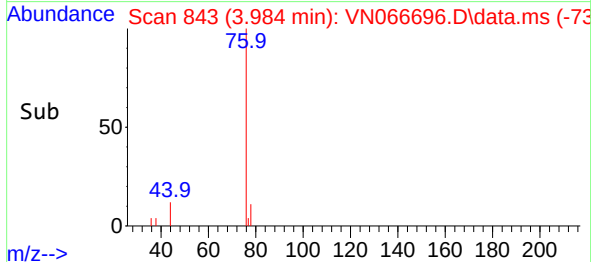
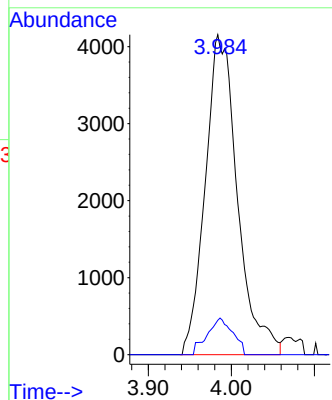
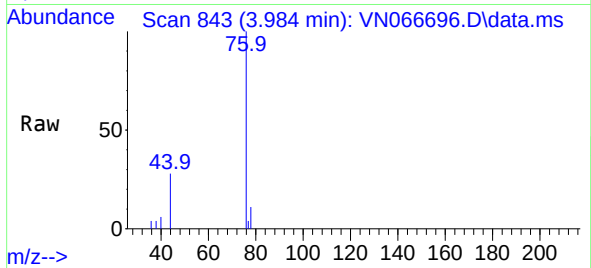




#17
Carbon Disulfide
Concen: 1.94 ug/l
RT: 3.984 min Scan# 843
Delta R.T. -0.000 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

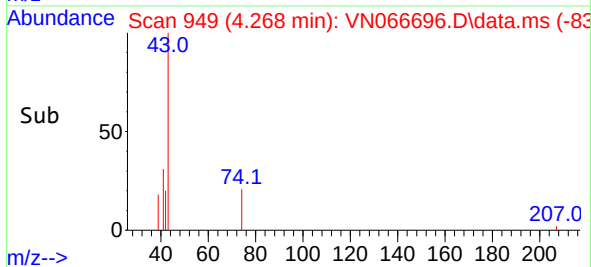
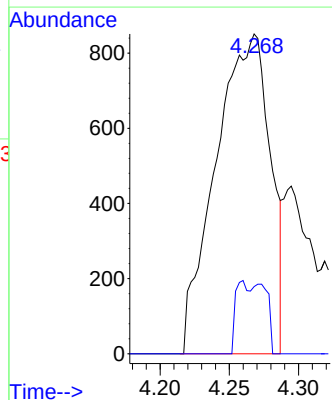
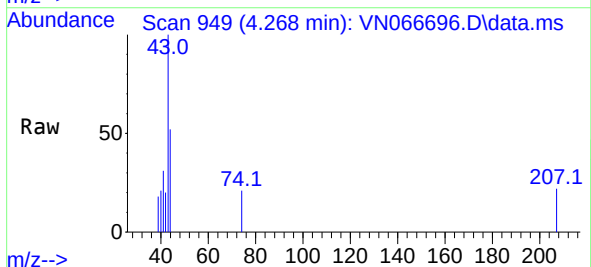
Instrument :
MSVOA_N
ClientSampled :
IBLK

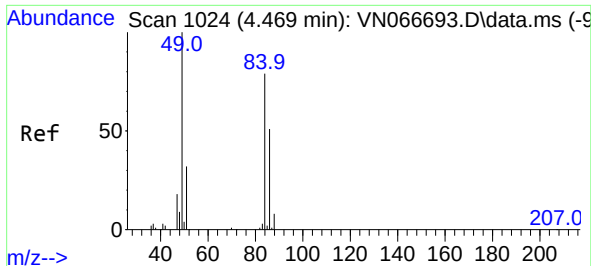
Tgt Ion: 76 Resp: 11185
Ion Ratio Lower Upper
76 100
78 10.8 7.8 11.6



#18
Methyl Acetate
Concen: 0.55 ug/l
RT: 4.268 min Scan# 949
Delta R.T. 0.019 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 43 Resp: 2331
Ion Ratio Lower Upper
43 100
74 6.1 19.5 29.3#



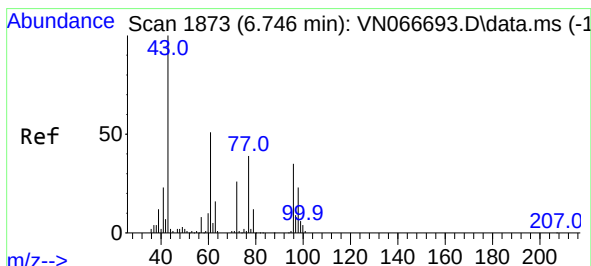
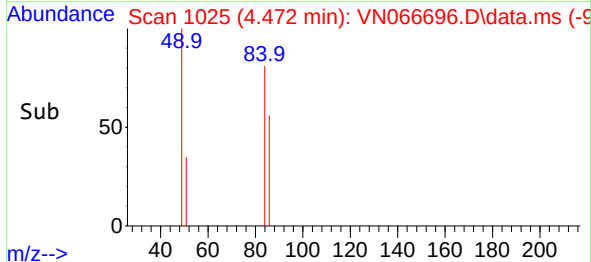
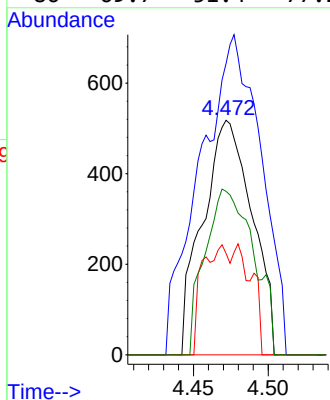
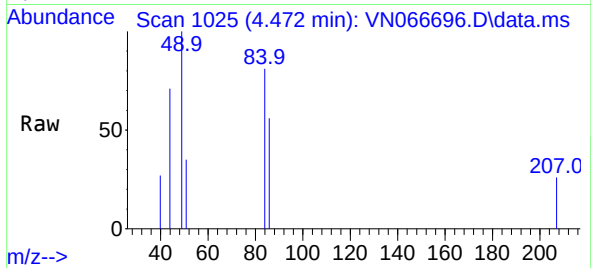


#20
Methylene Chloride
Concen: 0.42 ug/l
RT: 4.472 min Scan# 1025
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1195

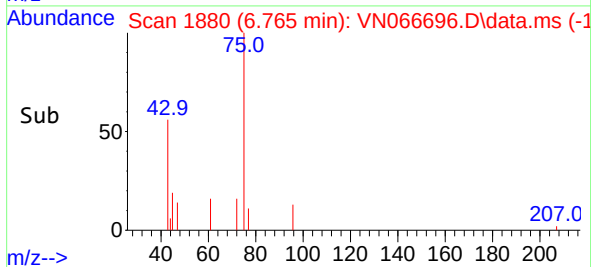
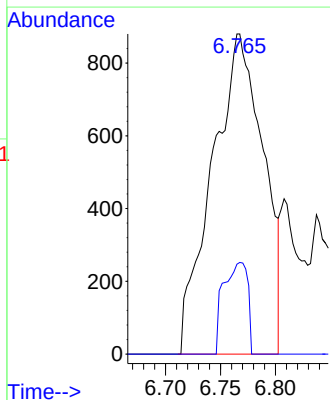
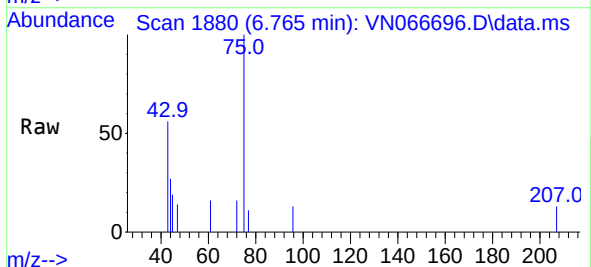
Ion	Ratio	Lower	Upper
84	100		
49	84.9	94.6	141.8#
51	43.2	29.9	44.9
86	69.7	51.4	77.2

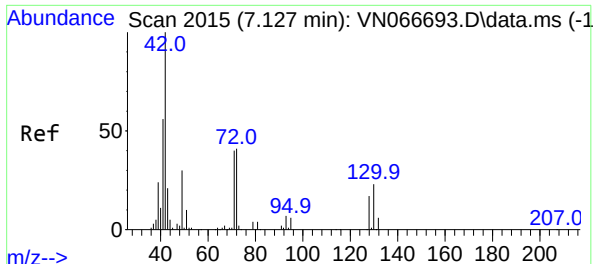


#25
2-Butanone
Concen: 1.31 ug/l
RT: 6.765 min Scan# 1880
Delta R.T. 0.019 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 43 Resp: 2845

Ion	Ratio	Lower	Upper
43	100		
72	28.1	23.1	34.7

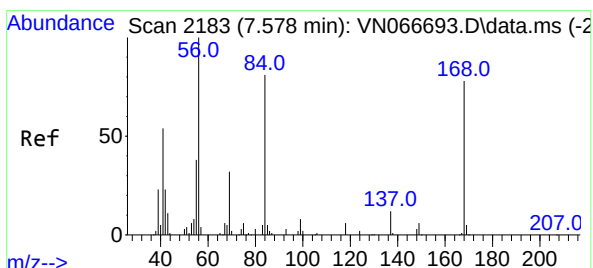
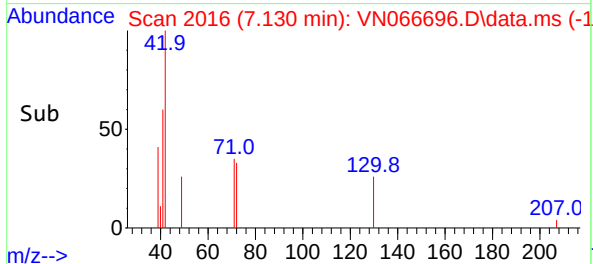
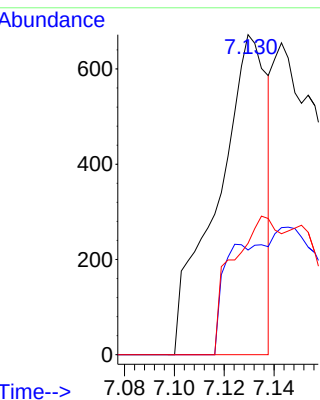
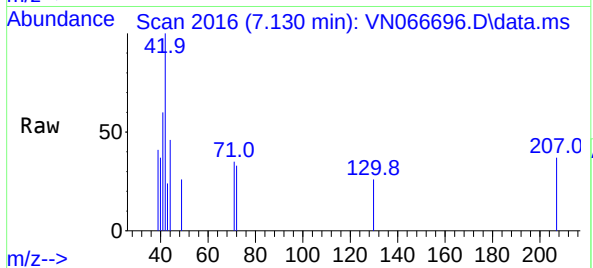




#29
Tetrahydrofuran
Concen: 0.63 ug/l
RT: 7.130 min Scan# 2016
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

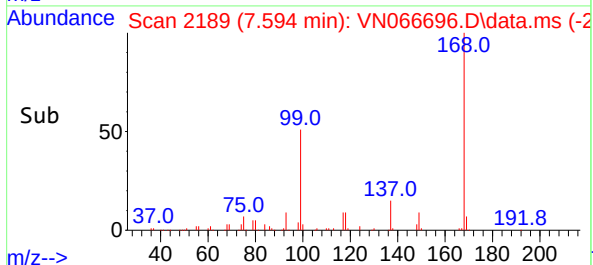
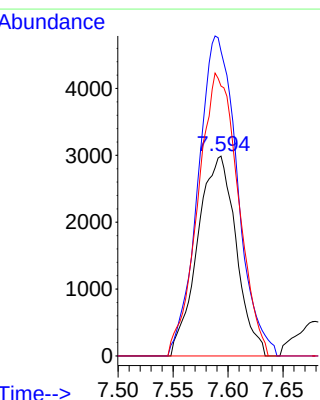
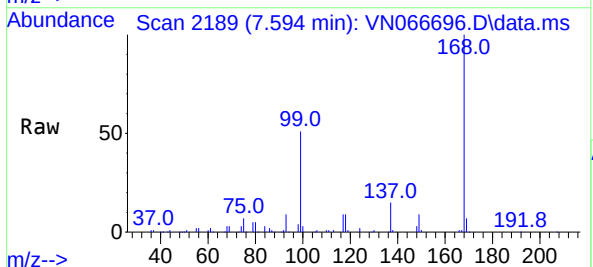
Instrument :
MSVOA_N
ClientSampled :
IBLK

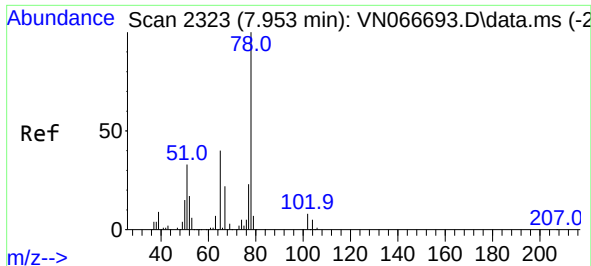
Tgt Ion: 42 Resp: 930
Ion Ratio Lower Upper
42 100
72 18.3 36.6 55.0#
71 41.4 34.3 51.5



#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 56 Resp: 7278
Ion Ratio Lower Upper
56 100
69 152.5 26.6 39.8#
84 135.0 70.4 105.6#



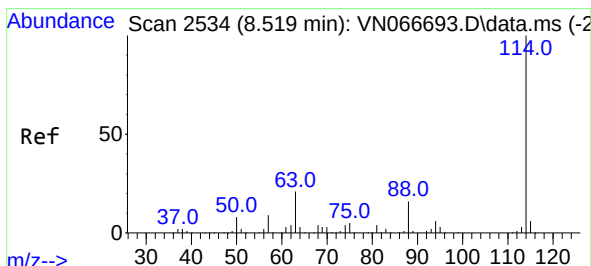
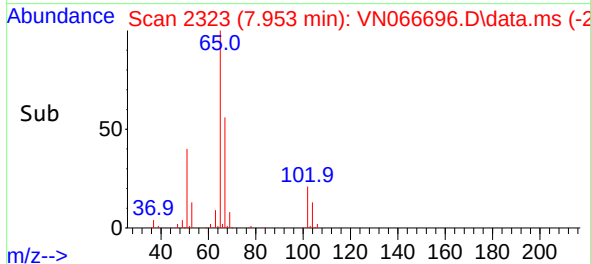
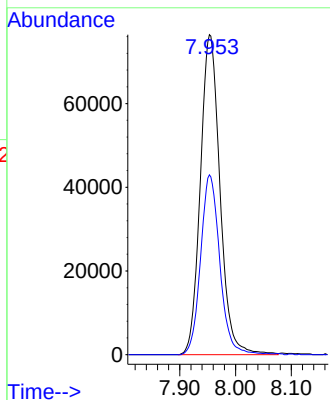
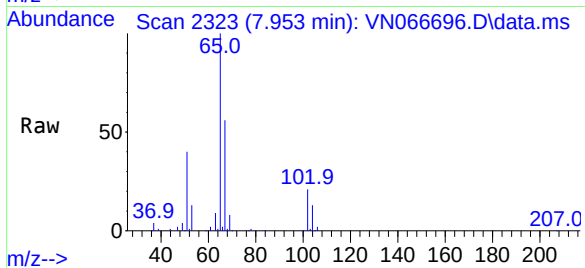


#33

1,2-Dichloroethane-d4
Concen: 48.08 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Instrument :
MSVOA_N
ClientSampled :
IBLK

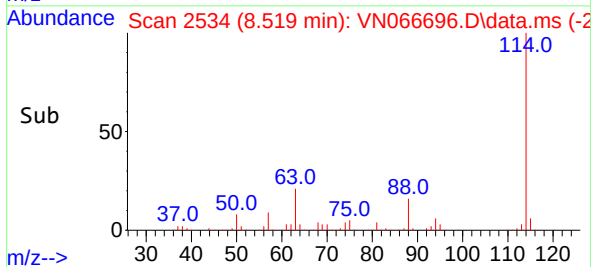
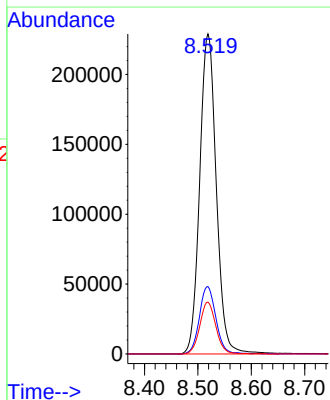
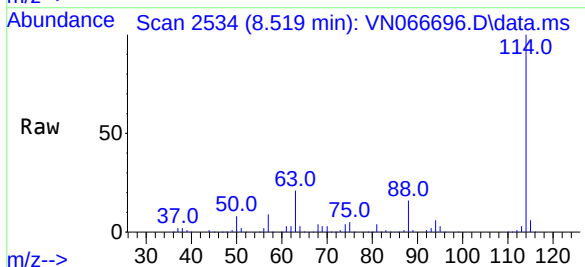
Tgt Ion: 65 Resp: 187192
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.2

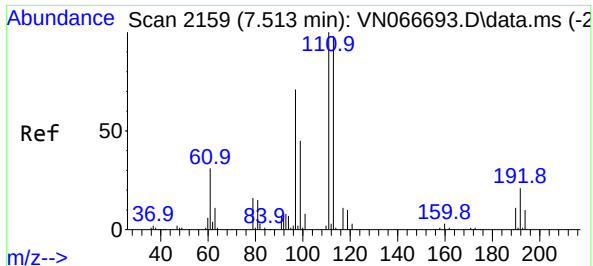


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 114 Resp: 494046
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 16.2 0.0 30.6



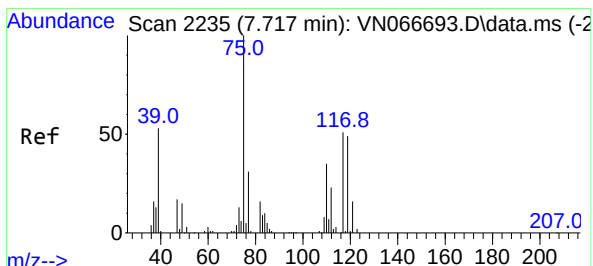
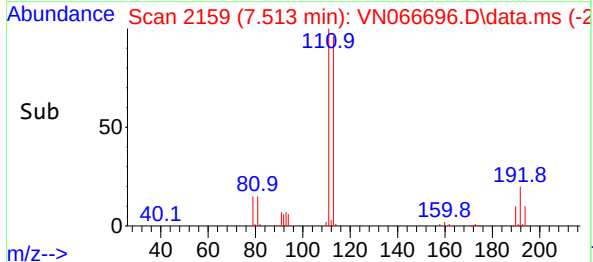
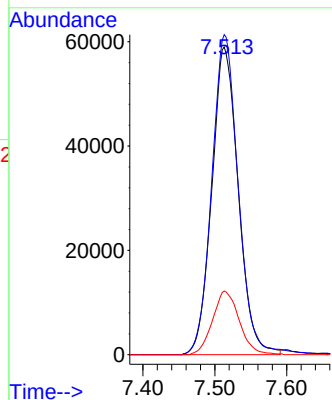
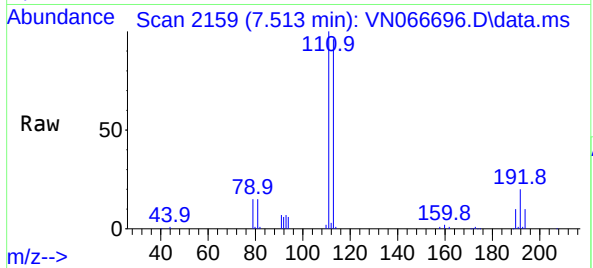


#35
Dibromofluoromethane
Concen: 48.77 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 113 Resp: 150877

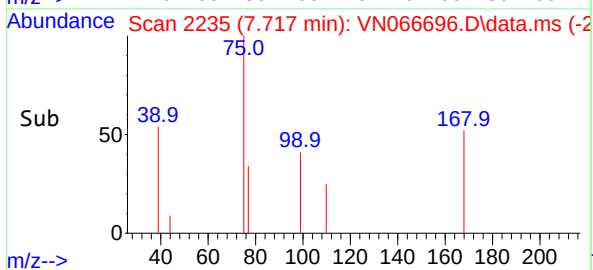
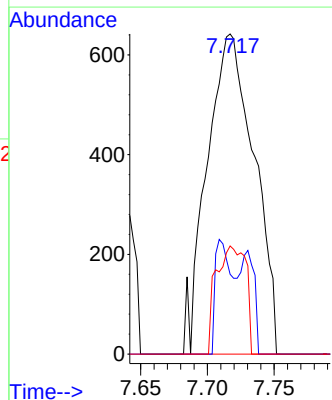
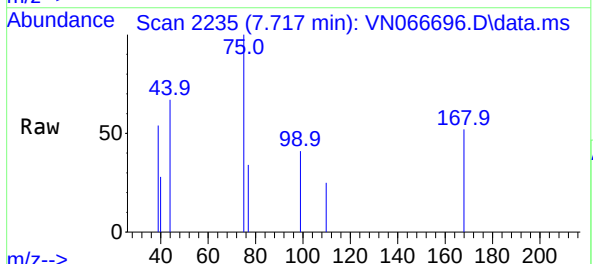
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.2
192	20.9	15.4	23.0

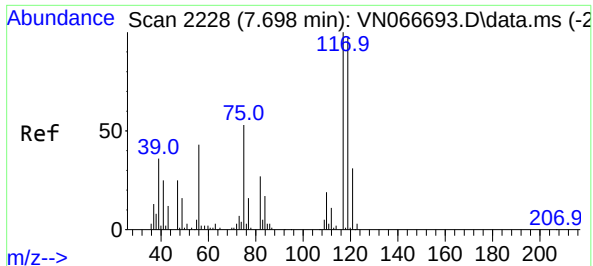


#36
1,1-Dichloropropene
Concen: 0.33 ug/l
RT: 7.717 min Scan# 2235
Delta R.T. -0.000 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 75 Resp: 1575

Ion	Ratio	Lower	Upper
75	100		
110	11.8	18.2	54.6#
77	21.1	24.9	37.3#

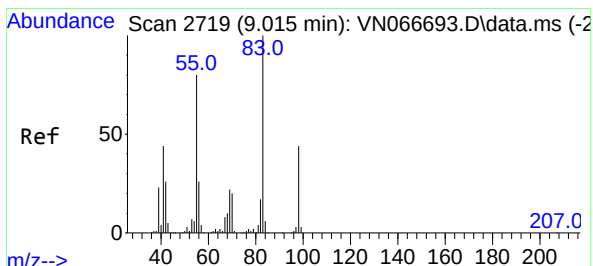
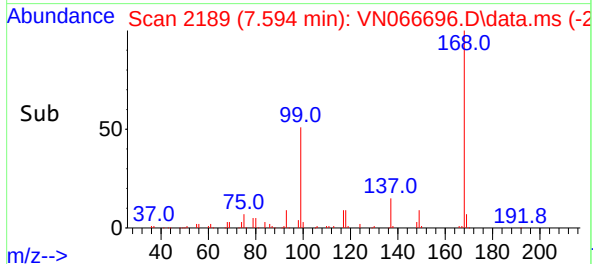
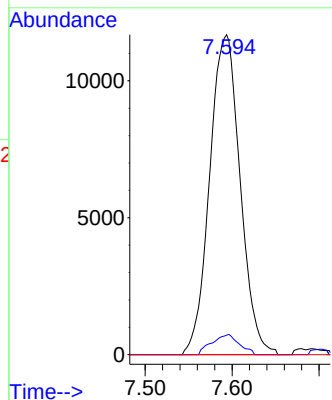
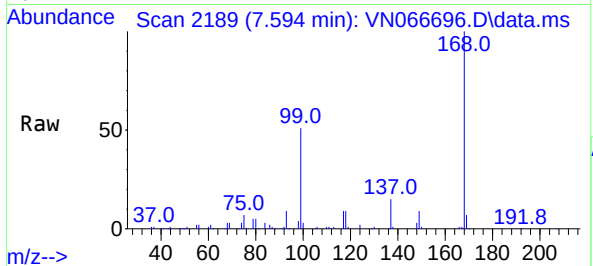




#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

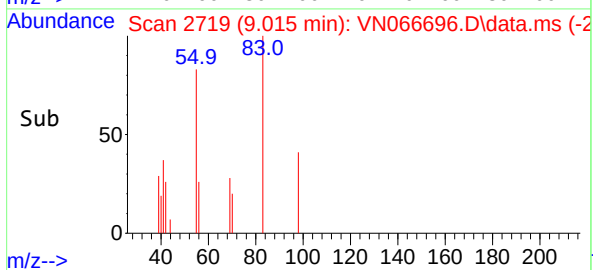
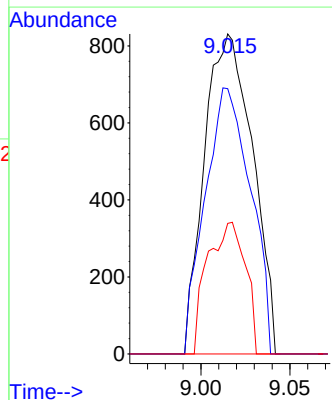
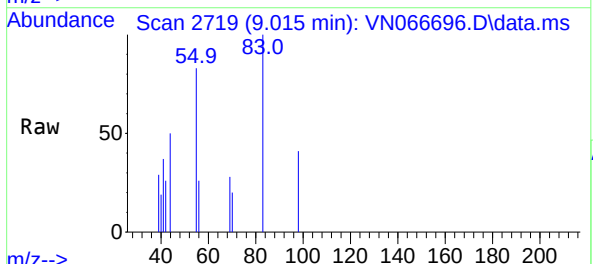
Instrument :
MSVOA_N
ClientSampleId :
IBLK

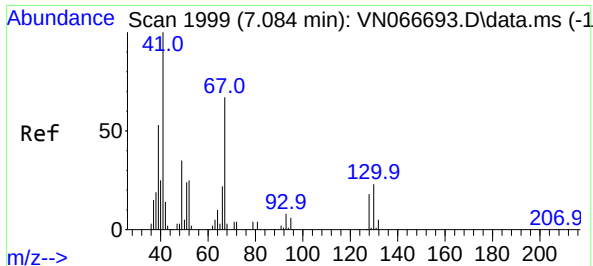
Tgt Ion:117 Resp: 28515
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 9.015 min Scan# 2719
Delta R.T. 0.000 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 83 Resp: 1564
Ion Ratio Lower Upper
83 100
55 82.9 58.9 88.3
98 40.8 35.9 53.9



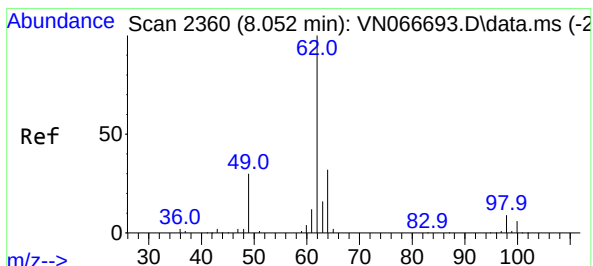
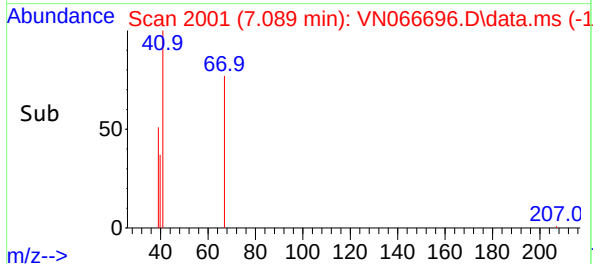
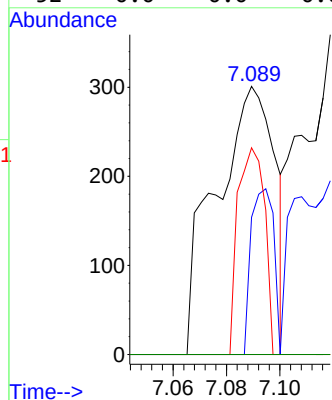
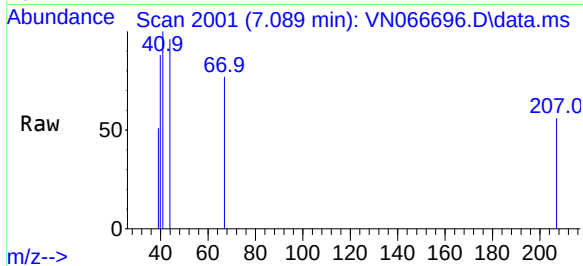


#41
Methacrylonitrile
Concen: 1.86 ug/l
RT: 7.089 min Scan# 2001
Delta R.T. 0.005 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 41 Resp: 463

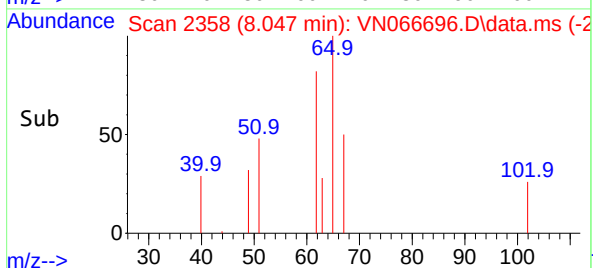
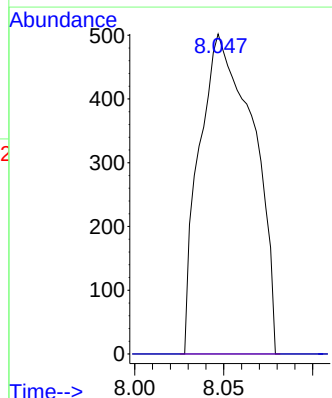
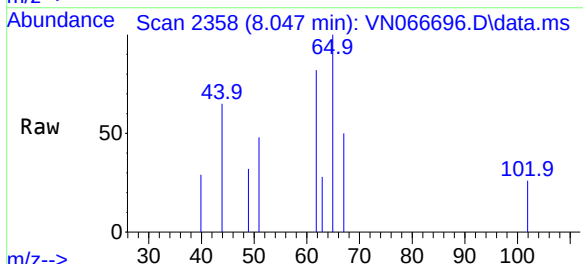
Ion	Ratio	Lower	Upper
41	100		
39	23.5	0.0	0.0#
67	34.8	0.0	0.0#
52	0.0	0.0	0.0

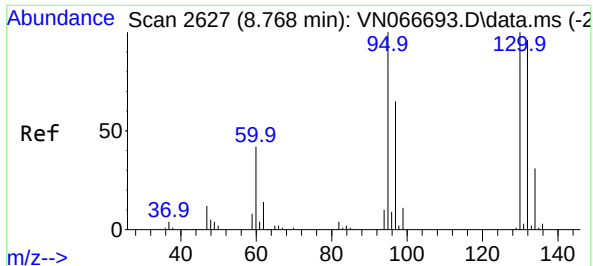


#42
1,2-Dichloroethane
Concen: 0.22 ug/l
RT: 8.047 min Scan# 2358
Delta R.T. -0.005 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 62 Resp: 1052

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.6

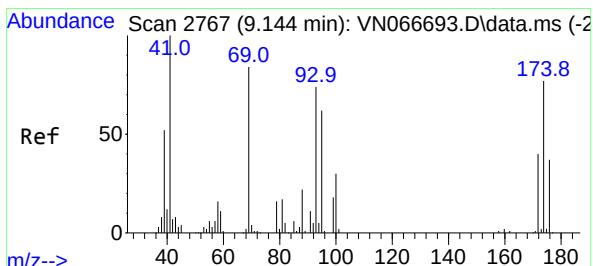
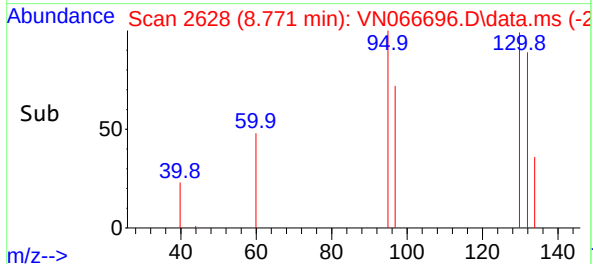
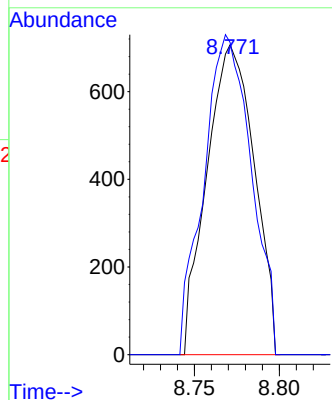
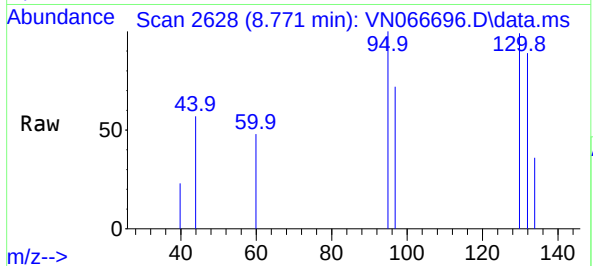




#44
Trichloroethene
Concen: 0.37 ug/l
RT: 8.771 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

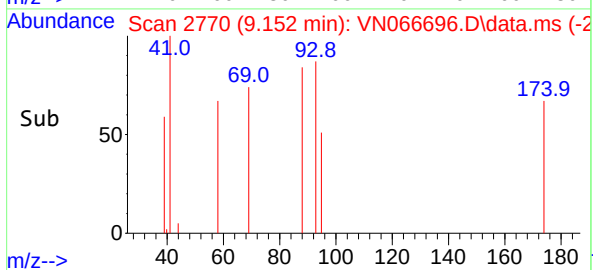
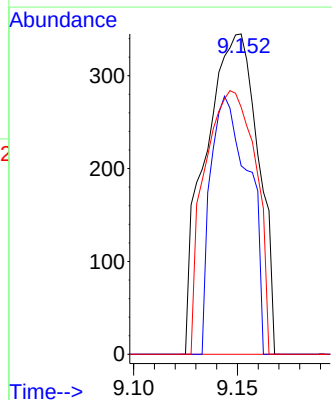
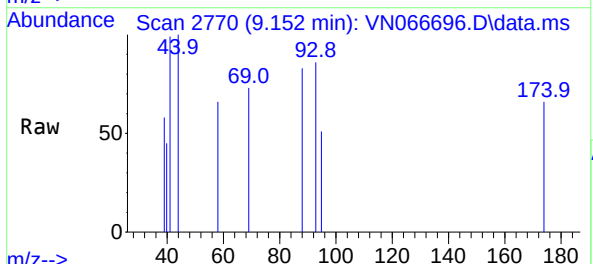
Instrument :
MSVOA_N
ClientSampled :
IBLK

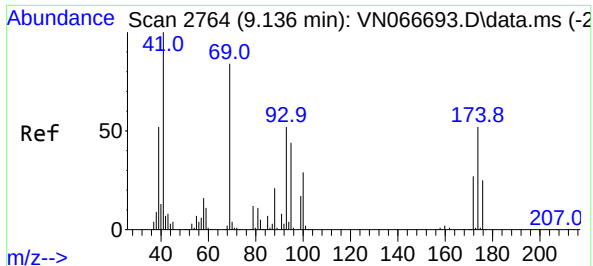
Tgt Ion:130 Resp: 1377
Ion Ratio Lower Upper
130 100
95 100.7 0.0 199.6



#46
Dibromomethane
Concen: 0.25 ug/l
RT: 9.152 min Scan# 2770
Delta R.T. 0.008 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 93 Resp: 611
Ion Ratio Lower Upper
93 100
95 58.1 67.0 100.6#
174 79.1 83.2 124.8#

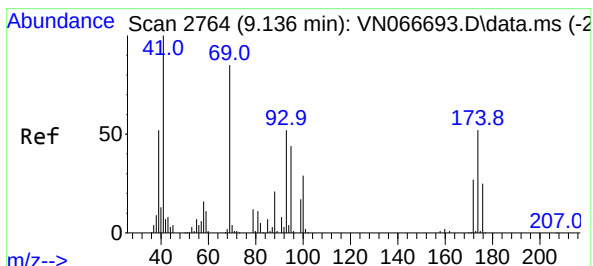
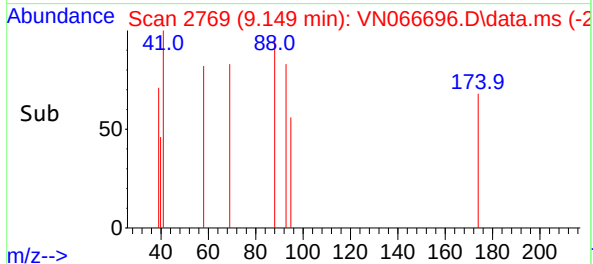
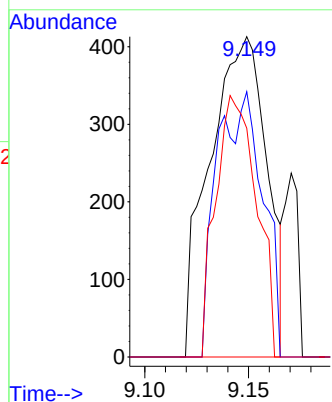
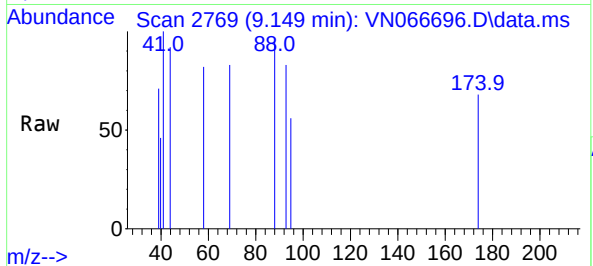




#48
Methyl methacrylate
Concen: 0.23 ug/l
RT: 9.149 min Scan# 2769
Delta R.T. 0.013 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

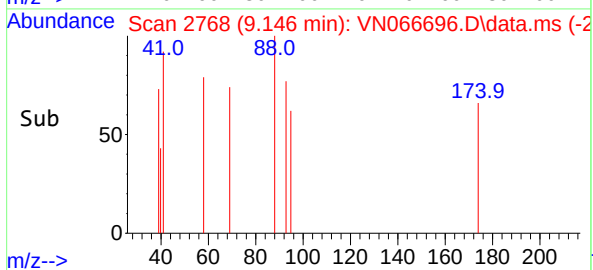
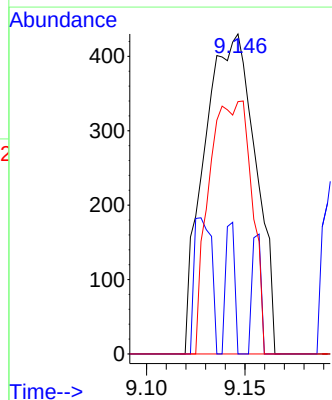
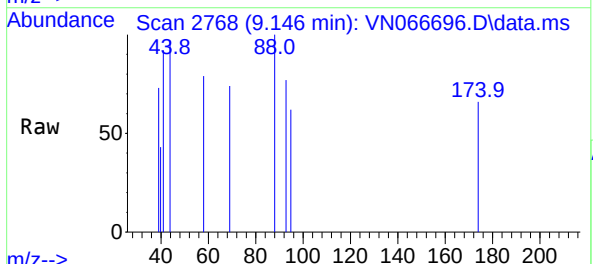
Instrument :
MSVOA_N
ClientSampled :
IBLK

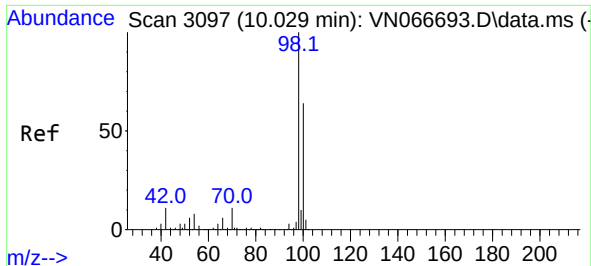
Tgt Ion: 41 Resp: 794
Ion Ratio Lower Upper
41 100
69 31.4 75.9 113.9#
39 58.1 46.6 69.8



#49
1,4-Dioxane
Concen: 18.10 ug/l
RT: 9.146 min Scan# 2768
Delta R.T. 0.010 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 88 Resp: 777
Ion Ratio Lower Upper
88 100
43 7.2 24.7 37.1#
58 65.8 52.6 78.8

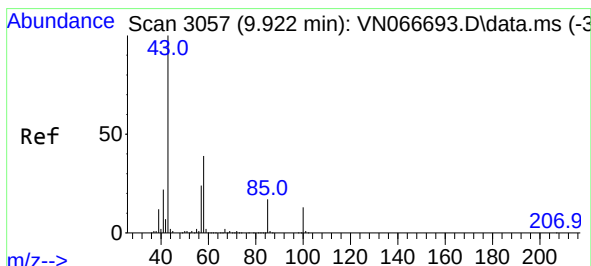
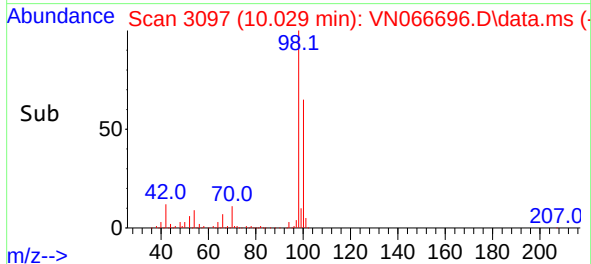
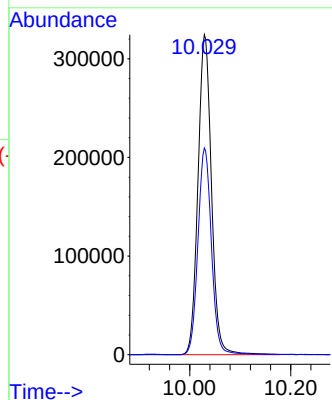
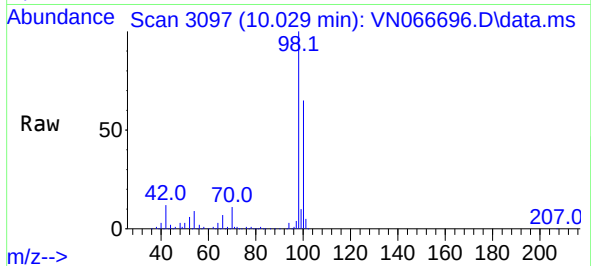




#50
Toluene-d8
Concen: 49.85 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

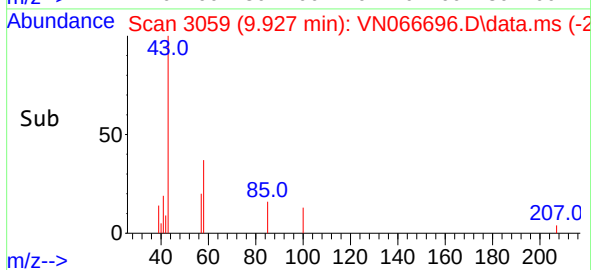
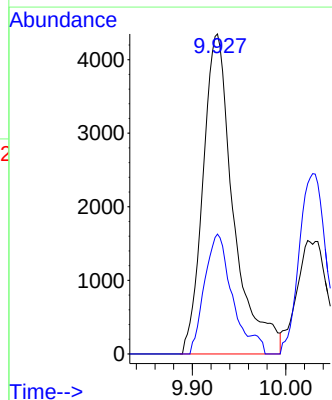
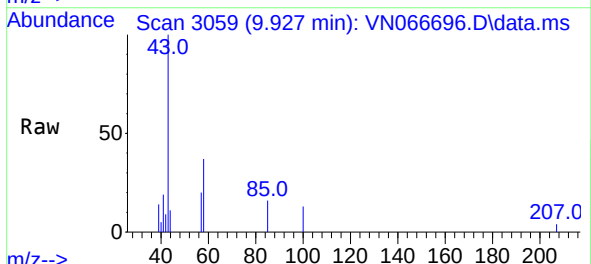
Instrument :
MSVOA_N
ClientSampled :
IBLK

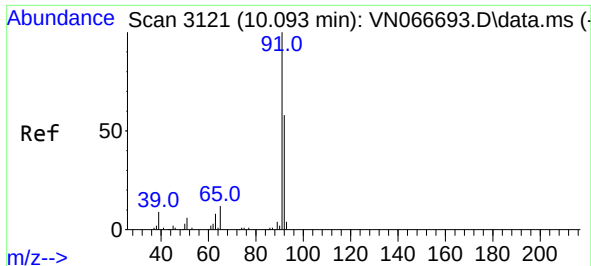
Tgt Ion: 98 Resp: 601417
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 2.24 ug/l
RT: 9.927 min Scan# 3059
Delta R.T. 0.005 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 43 Resp: 9875
Ion Ratio Lower Upper
43 100
58 32.6 32.5 48.7

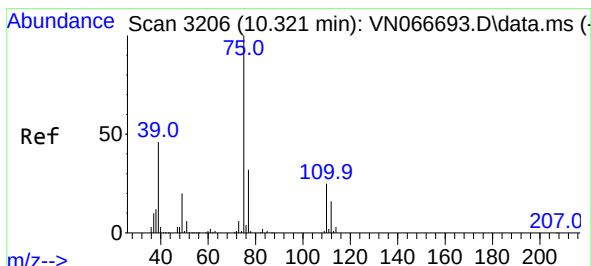
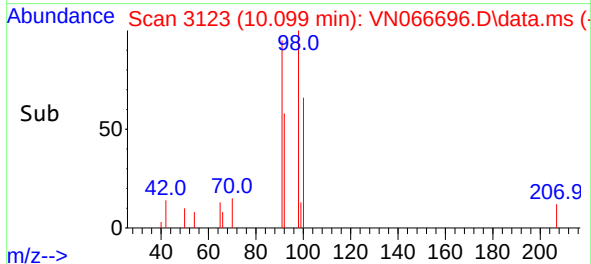
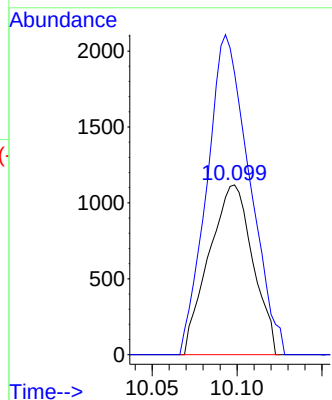
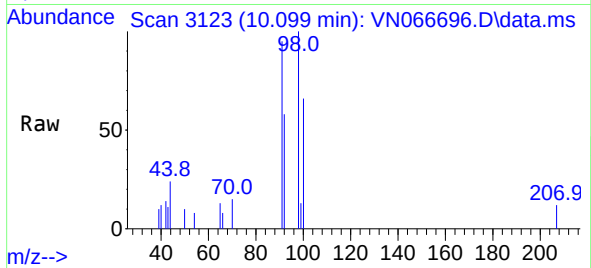




#52
Toluene
Concen: 0.22 ug/l
RT: 10.099 min Scan# 3123
Delta R.T. 0.006 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

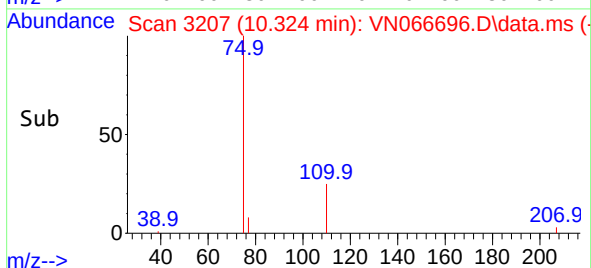
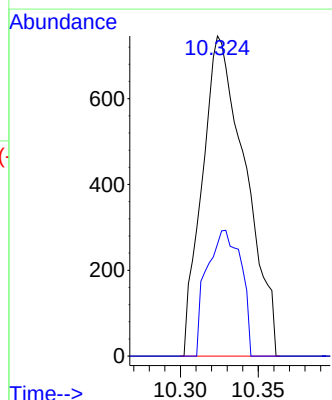
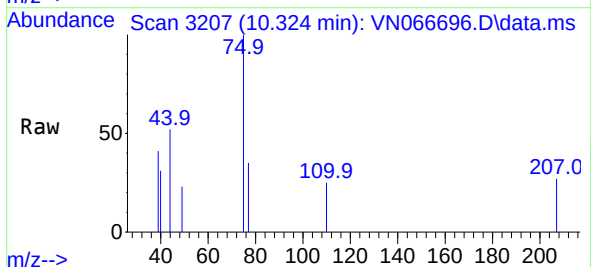
Instrument :
MSVOA_N
ClientSampled :
IBLK

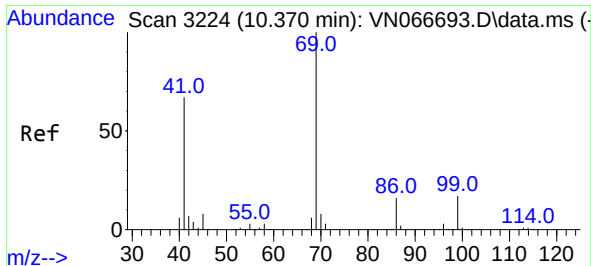
Tgt Ion: 92 Resp: 2010
Ion Ratio Lower Upper
92 100
91 182.5 140.7 211.1



#53
t-1,3-Dichloropropene
Concen: 0.27 ug/l
RT: 10.324 min Scan# 3207
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 75 Resp: 1437
Ion Ratio Lower Upper
75 100
77 35.0 26.2 39.4

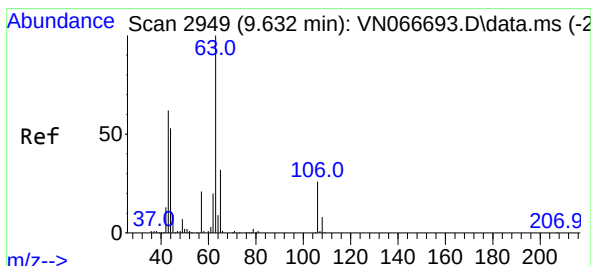
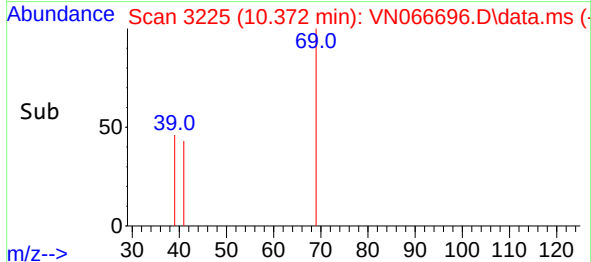
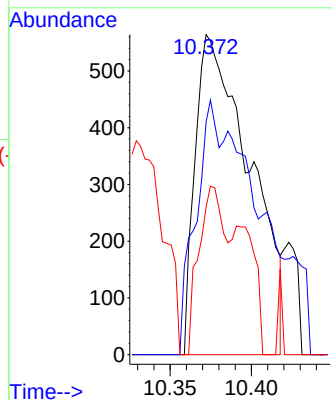
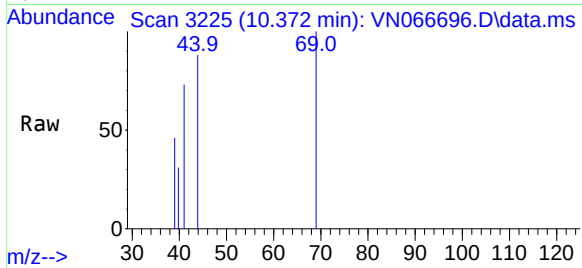




#56
Ethyl methacrylate
Concen: 3.32 ug/l
RT: 10.372 min Scan# 3225
Delta R.T. 0.002 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

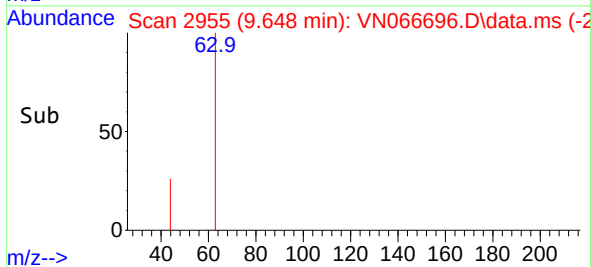
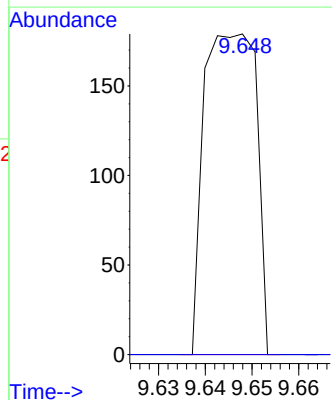
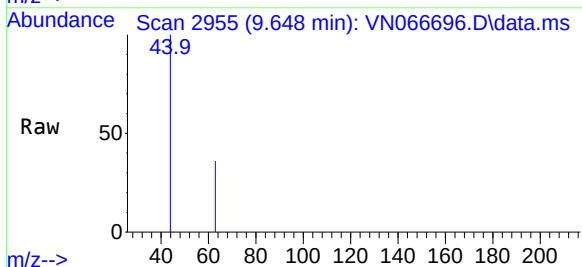
Instrument :
MSVOA_N
ClientSampled :
IBLK

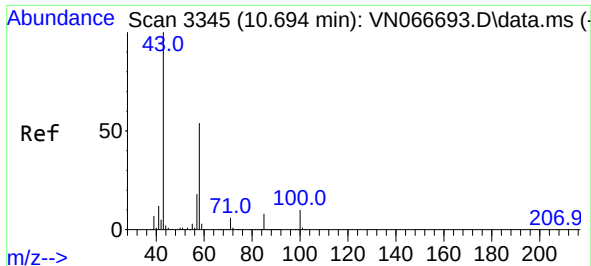
Tgt Ion: 69 Resp: 1314
Ion Ratio Lower Upper
69 100
41 33.7 49.6 74.4#
39 25.0 28.0 42.0#



#58
2-Chloroethyl Vinyl ether
Concen: 22.34 ug/l
RT: 9.648 min Scan# 2955
Delta R.T. 0.016 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

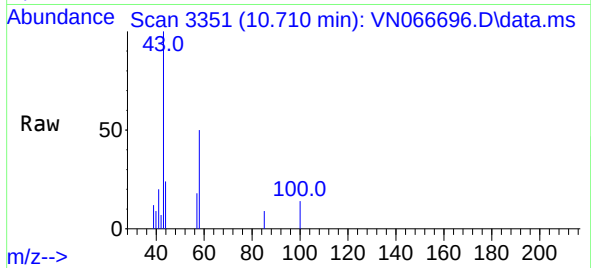
Tgt Ion: 63 Resp: 139
Ion Ratio Lower Upper
63 100
106 0.0 22.6 33.8#



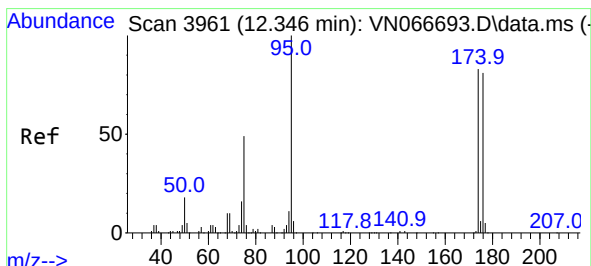
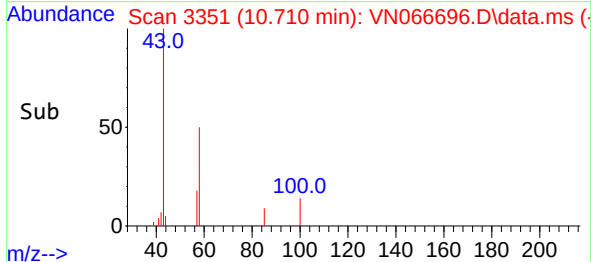
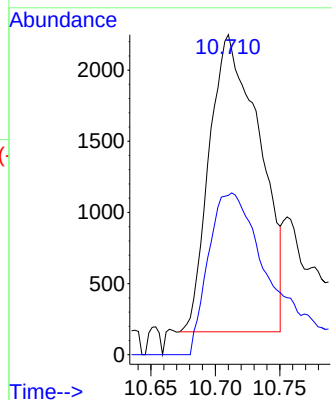


#59
2-Hexanone
Concen: 17.95 ug/l
RT: 10.710 min Scan# 3351
Delta R.T. 0.016 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Instrument :
MSVOA_N
ClientSampled :
IBLK

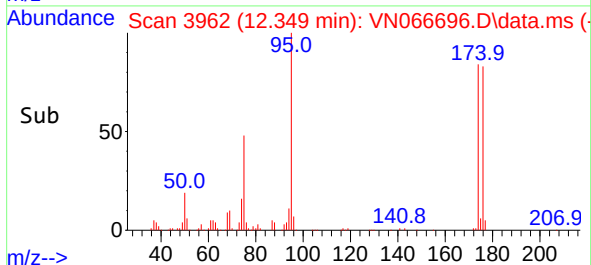
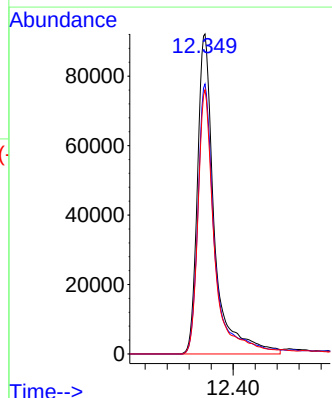
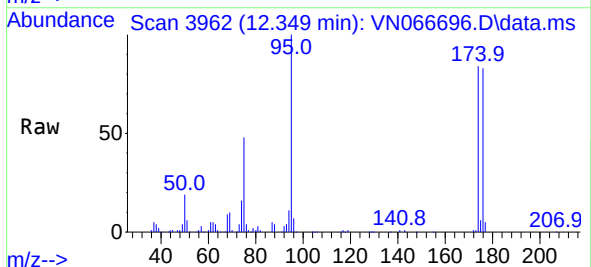


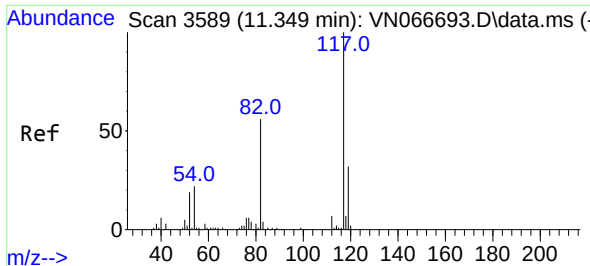
Tgt Ion: 43 Resp: 5672
Ion Ratio Lower Upper
43 100
58 66.7 28.1 84.3



#62
4-Bromofluorobenzene
Concen: 47.79 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 95 Resp: 197458
Ion Ratio Lower Upper
95 100
174 83.0 0.0 169.0
176 80.3 0.0 162.4

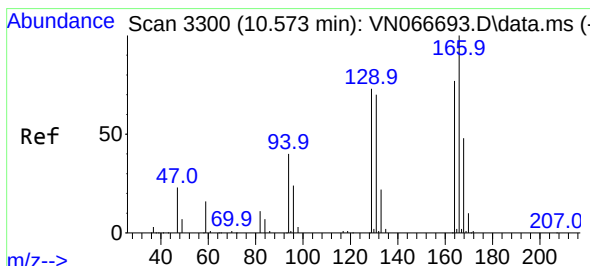
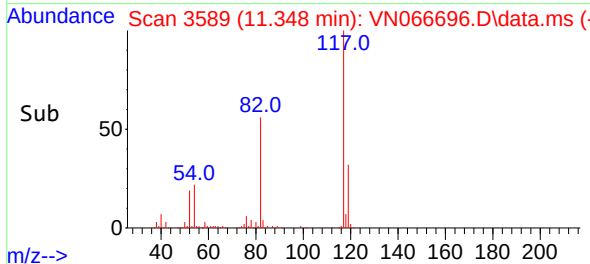
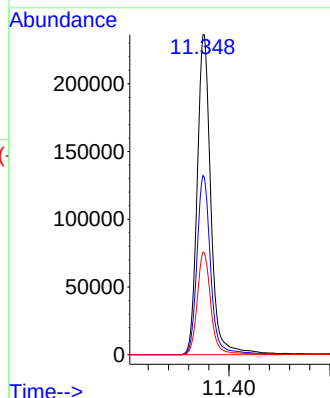
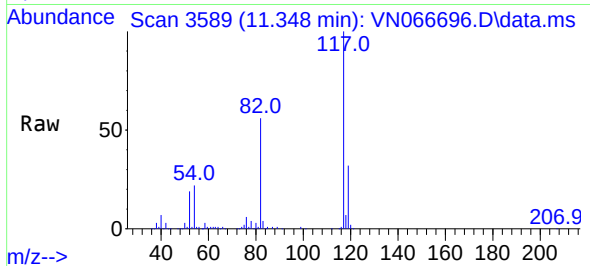




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

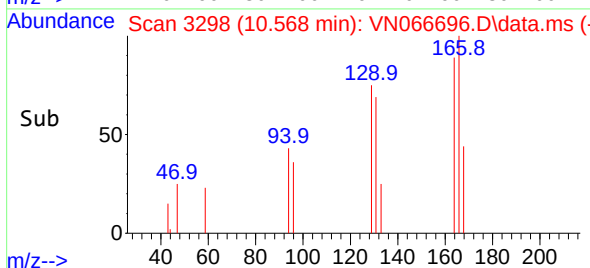
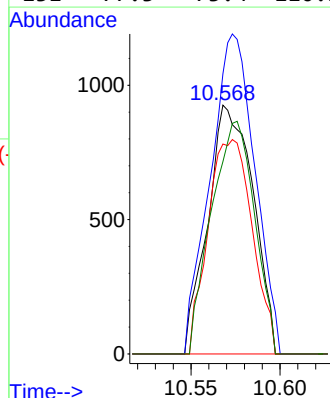
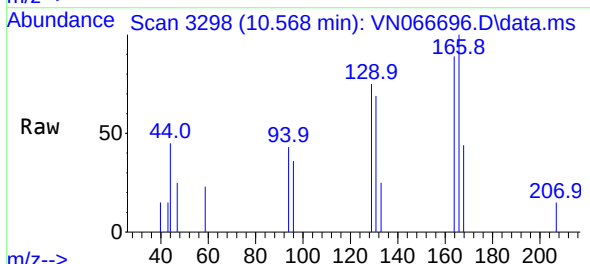
Instrument :
MSVOA_N
ClientSampled :
IBLK

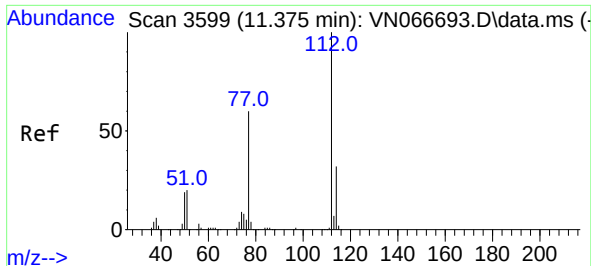
Tgt Ion:117 Resp: 442882
Ion Ratio Lower Upper
117 100
82 56.0 43.7 65.5
119 32.1 26.1 39.1



#64
Tetrachloroethene
Concen: 0.51 ug/l
RT: 10.568 min Scan# 3298
Delta R.T. -0.005 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion:164 Resp: 1640
Ion Ratio Lower Upper
164 100
166 112.6 102.6 154.0
129 84.3 76.2 114.4
131 77.3 73.4 110.2

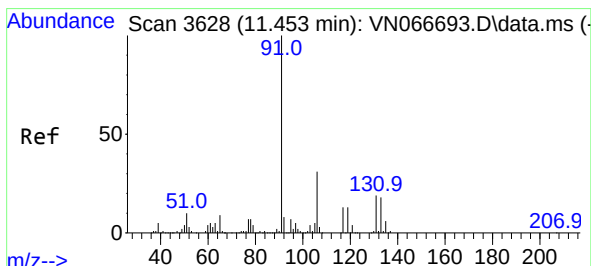
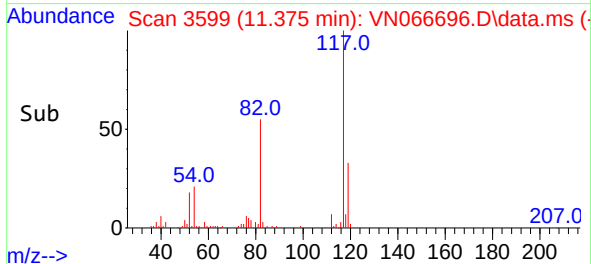
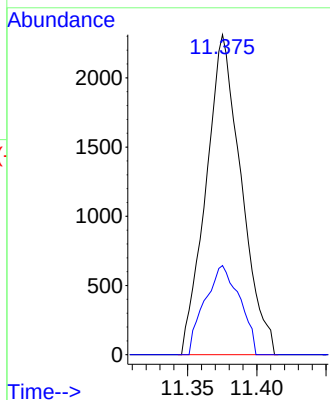
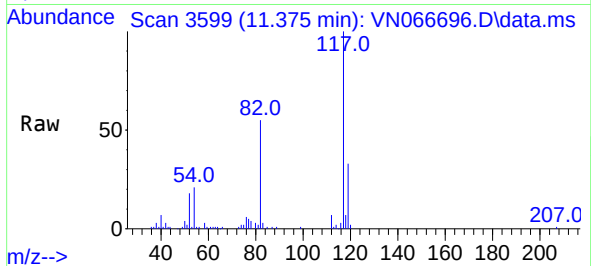




#65
Chlorobenzene
Concen: 0.43 ug/l
RT: 11.375 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

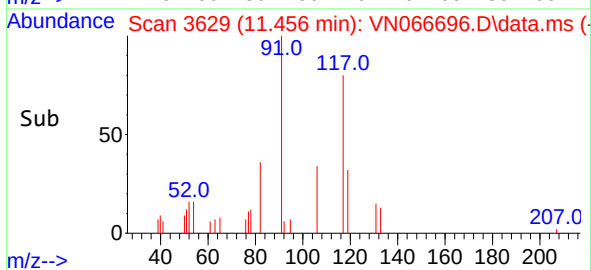
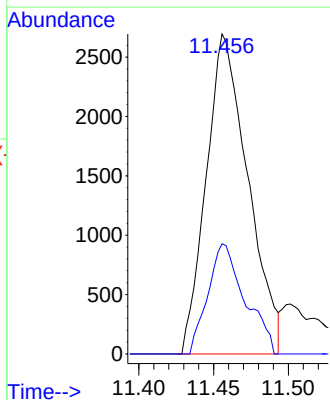
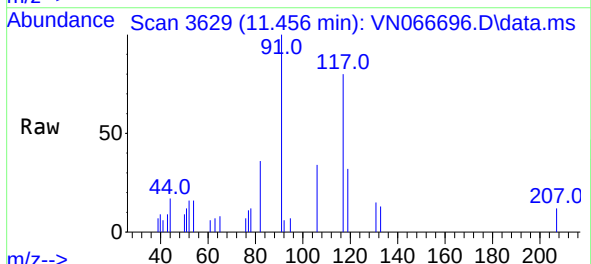
Instrument :
MSVOA_N
ClientSampled :
IBLK

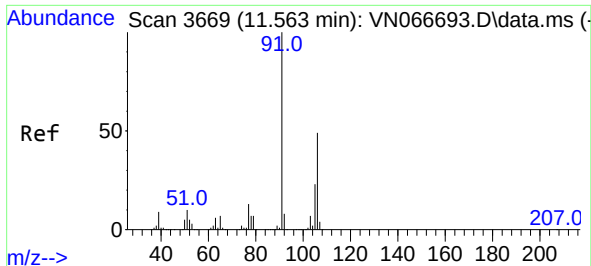
Tgt Ion:112 Resp: 4085
Ion Ratio Lower Upper
112 100
114 27.9 26.1 39.1



#67
Ethyl Benzene
Concen: 0.32 ug/l
RT: 11.456 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 91 Resp: 5229
Ion Ratio Lower Upper
91 100
106 34.4 25.5 38.3

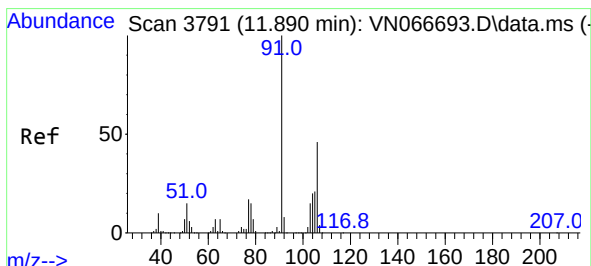
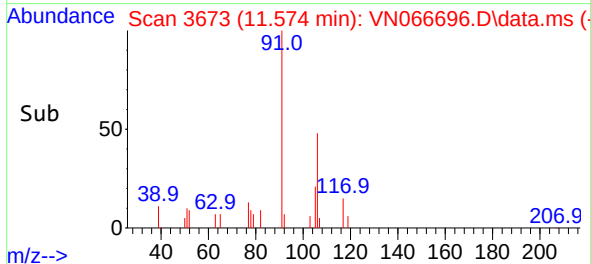
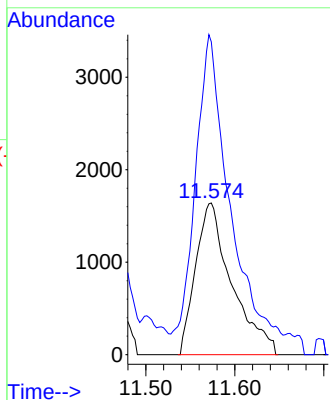
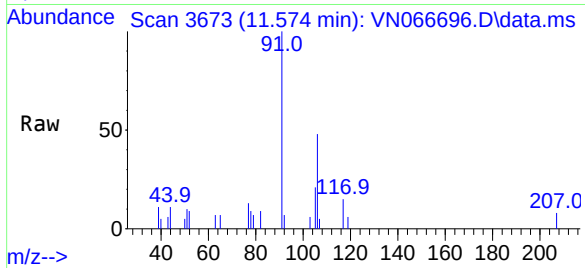




#68
m/p-Xylenes
Concen: 0.77 ug/l
RT: 11.574 min Scan# 3673
Delta R.T. 0.011 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

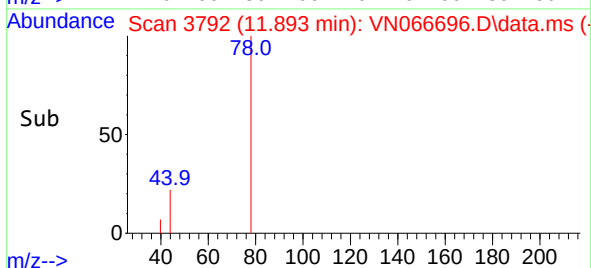
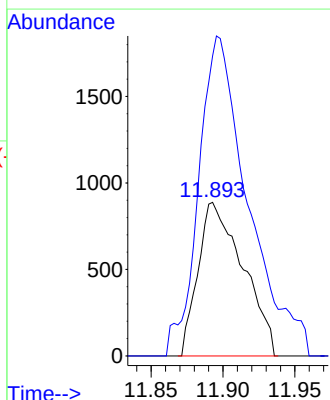
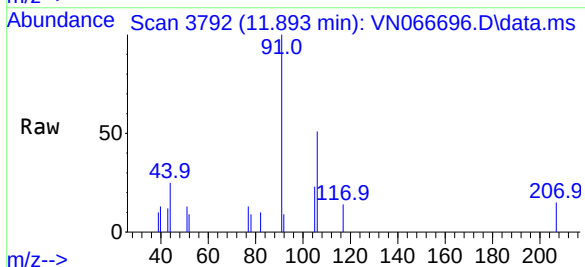
Instrument :
MSVOA_N
ClientSampled :
IBLK

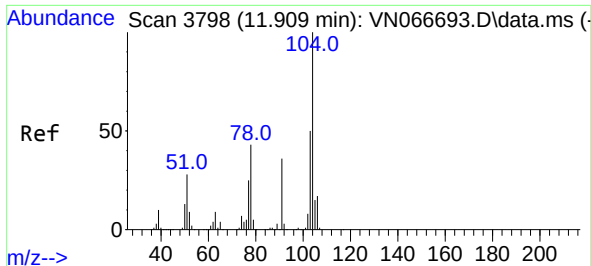
Tgt Ion:106 Resp: 4631
Ion Ratio Lower Upper
106 100
91 172.9 161.4 242.0



#69
o-Xylene
Concen: 0.33 ug/l
RT: 11.893 min Scan# 3792
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

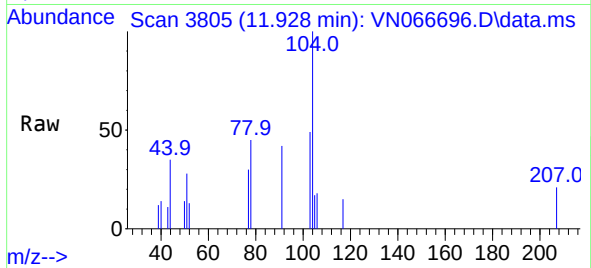
Tgt Ion:106 Resp: 1926
Ion Ratio Lower Upper
106 100
91 229.5 106.8 320.4



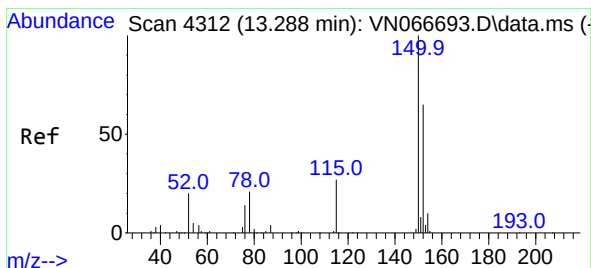
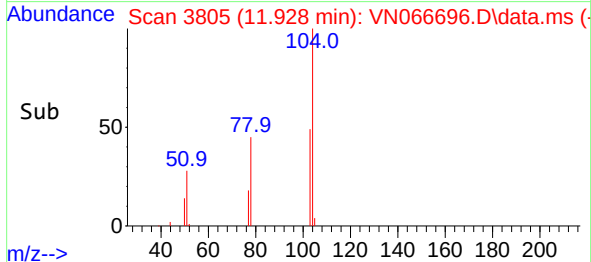
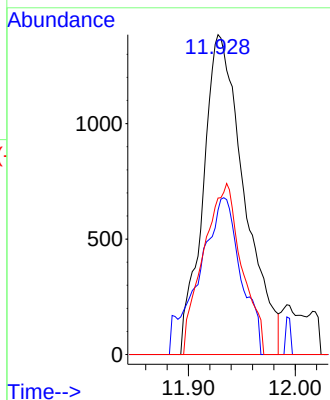


#70
Styrene
Concen: 3.22 ug/l
RT: 11.928 min Scan# 3805
Delta R.T. 0.019 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Instrument :
MSVOA_N
ClientSampled :
IBLK

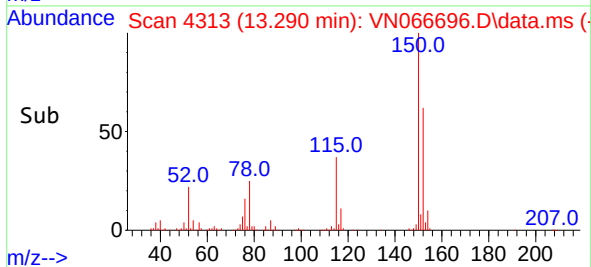
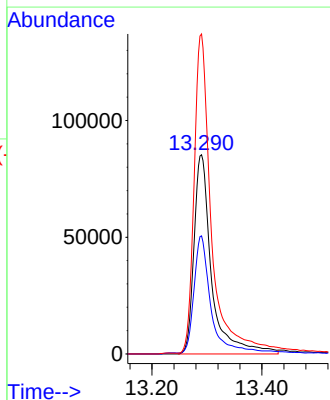
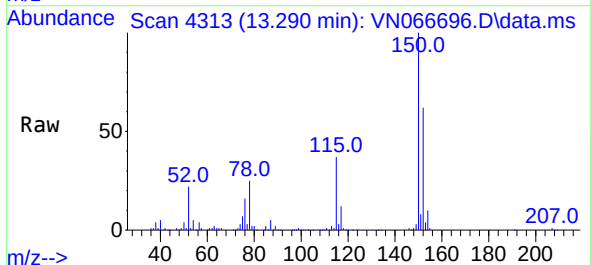


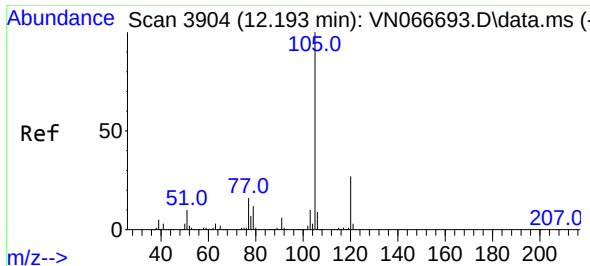
Tgt Ion:104 Resp: 3722
Ion Ratio Lower Upper
104 100
78 47.5 39.0 58.4
103 49.9 44.5 66.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.002 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion:152 Resp: 190751
Ion Ratio Lower Upper
152 100
115 55.3 28.5 85.6
150 159.1 0.0 347.6

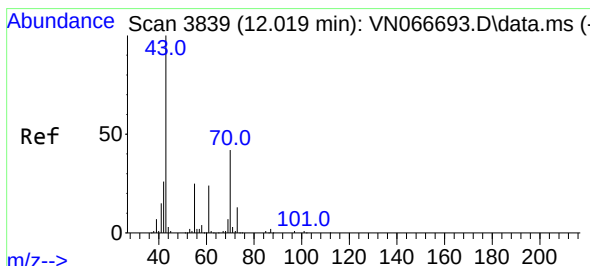
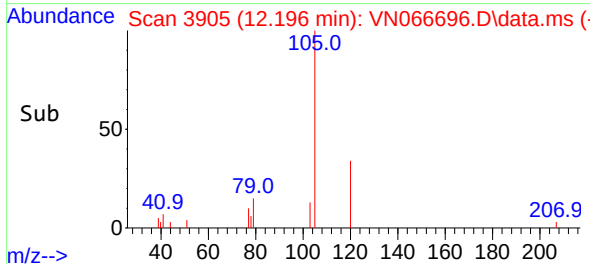
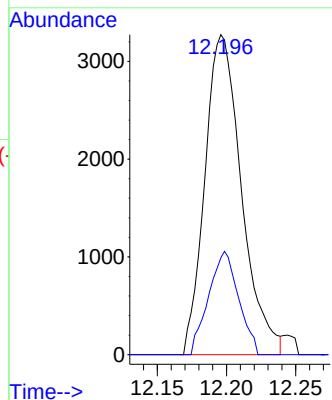
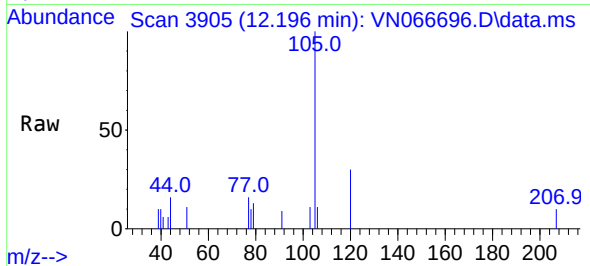




#73
Isopropylbenzene
Concen: 0.43 ug/l
RT: 12.196 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

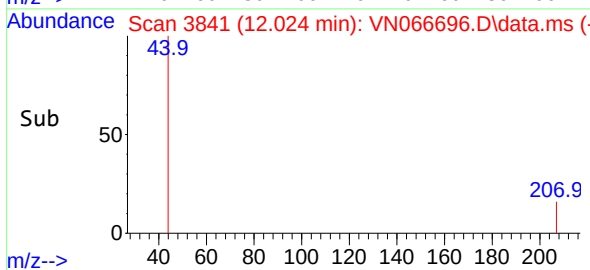
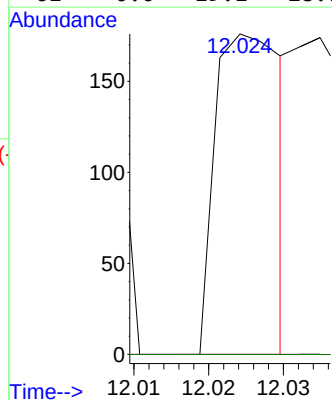
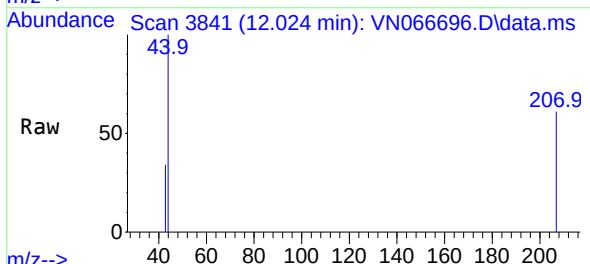
Instrument :
MSVOA_N
ClientSampled :
IBLK

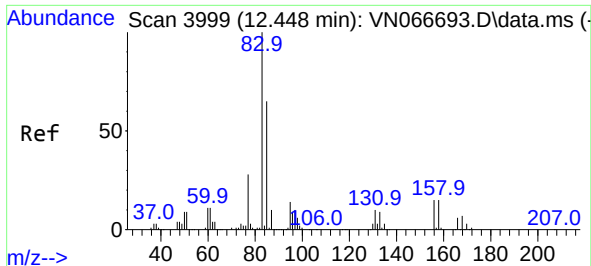
Tgt Ion:105 Resp: 6024
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 17.92 ug/l
RT: 12.024 min Scan# 3841
Delta R.T. 0.005 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

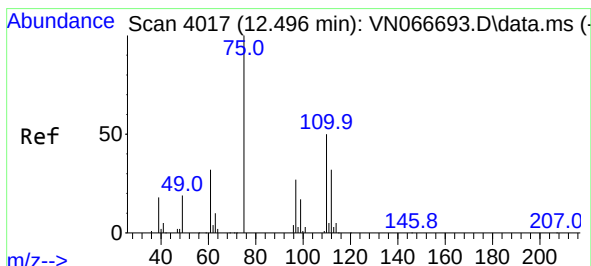
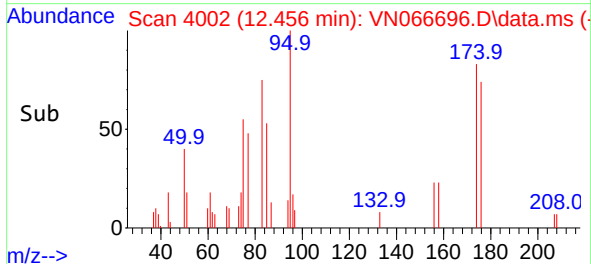
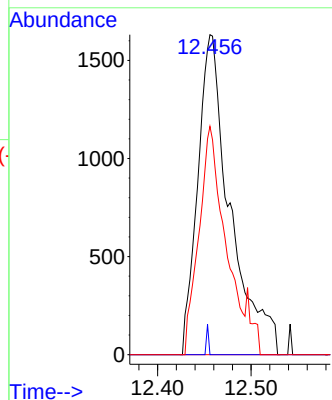
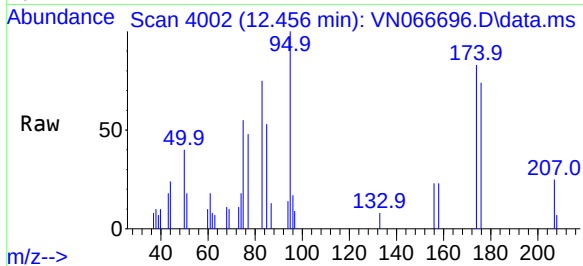




#75
1,1,2,2-Tetrachloroethane
Concen: 0.82 ug/l
RT: 12.456 min Scan# 4002
Delta R.T. 0.008 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

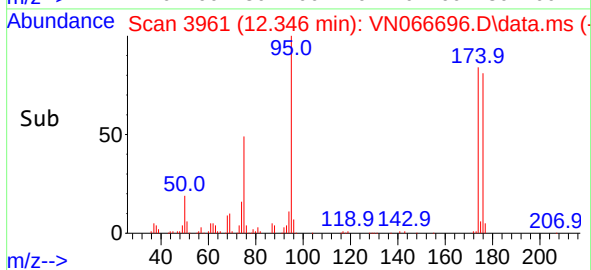
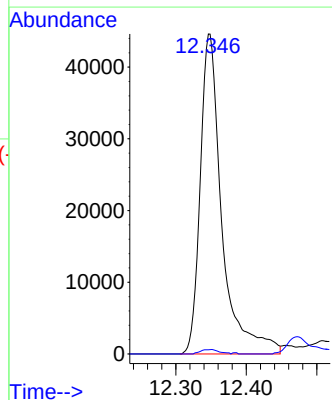
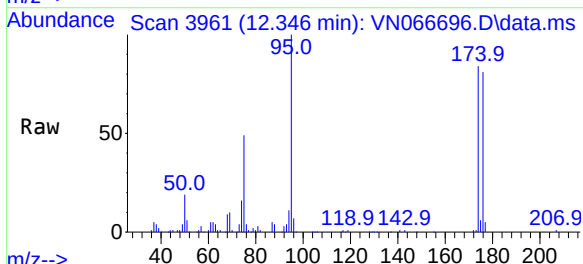
Instrument :
MSVOA_N
ClientSampled :
IBLK

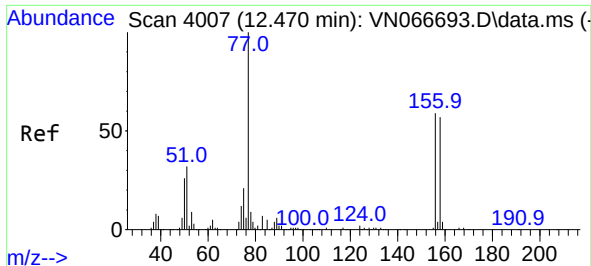
Tgt Ion: 83 Resp: 3921
Ion Ratio Lower Upper
83 100
131 0.6 5.3 15.8#
85 57.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 23.00 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 75 Resp: 95102
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

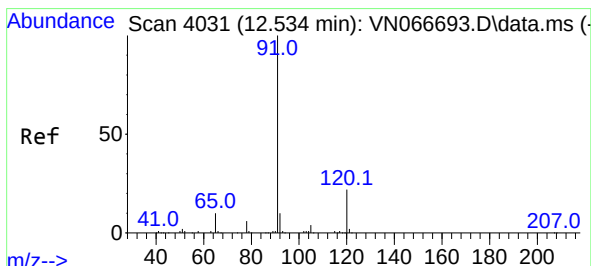
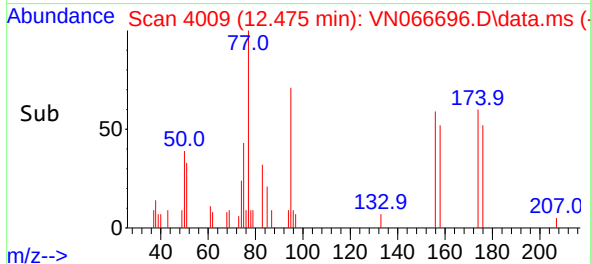
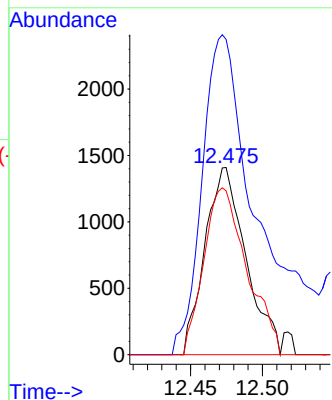
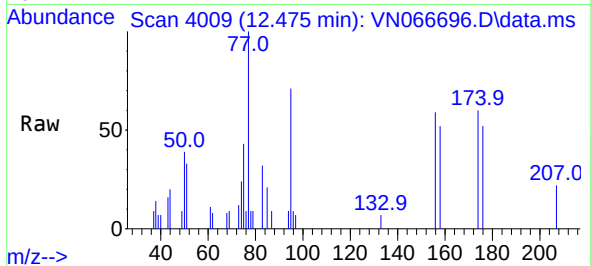




#77
Bromobenzene
Concen: 0.76 ug/l
RT: 12.475 min Scan# 4009
Delta R.T. 0.005 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

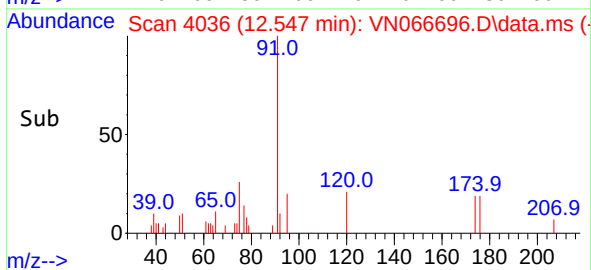
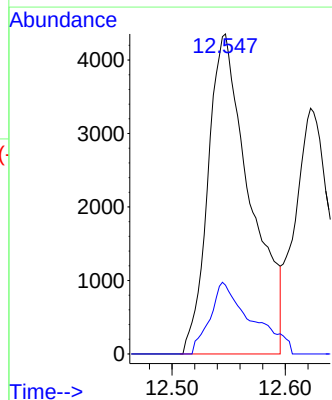
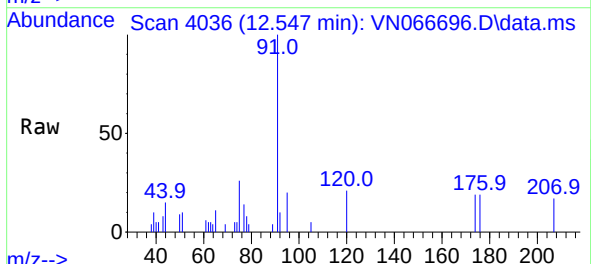
Instrument :
MSVOA_N
ClientSampled :
IBLK

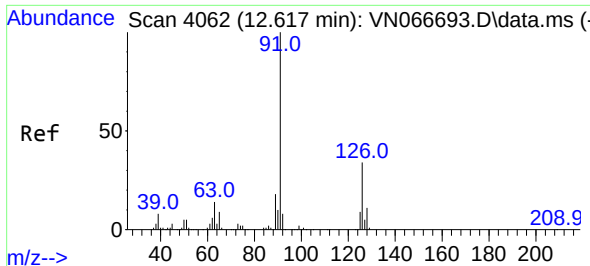
Tgt Ion:156 Resp: 2780
Ion Ratio Lower Upper
156 100
77 233.5 96.3 288.8
158 94.0 49.0 147.0



#78
n-propylbenzene
Concen: 0.72 ug/l
RT: 12.547 min Scan# 4036
Delta R.T. 0.013 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 91 Resp: 11222
Ion Ratio Lower Upper
91 100
120 22.2 11.8 35.3

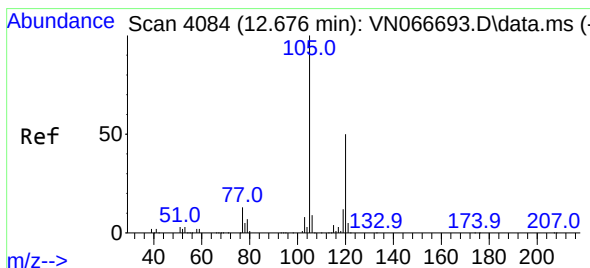
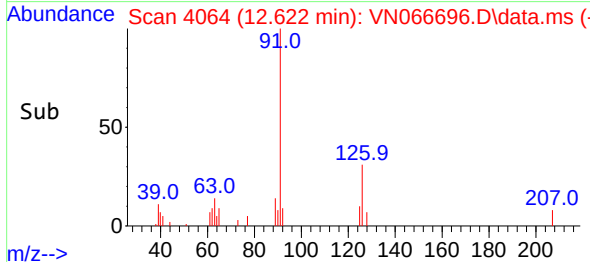
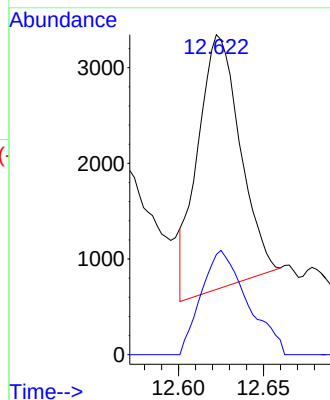
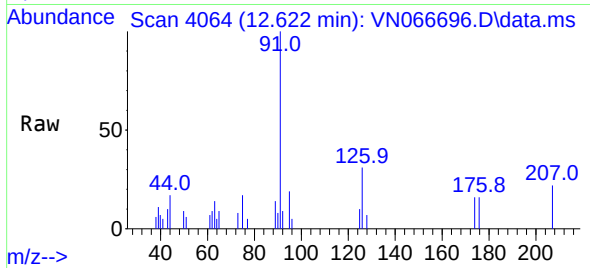




#79
2-Chlorotoluene
Concen: 0.48 ug/l
RT: 12.622 min Scan# 4064
Delta R.T. 0.005 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

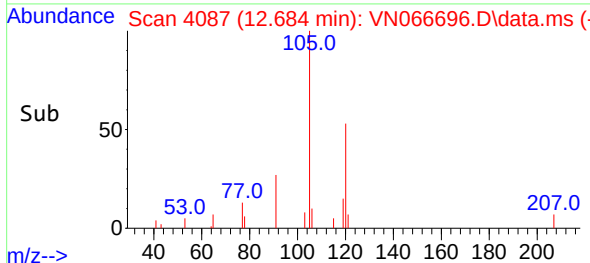
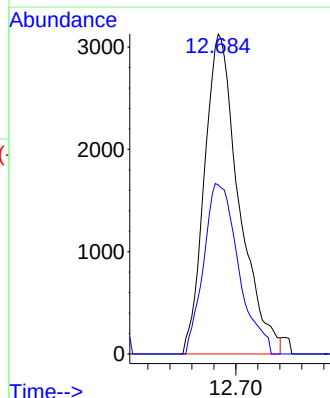
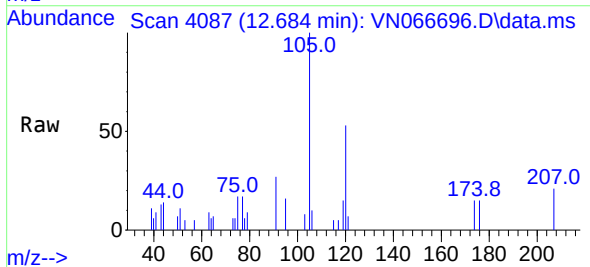
Instrument :
MSVOA_N
ClientSampled :
IBLK

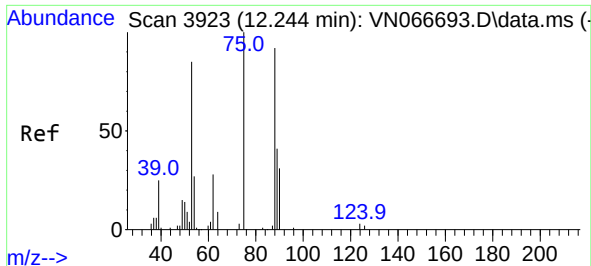
Tgt Ion: 91 Resp: 4609
Ion Ratio Lower Upper
91 100
126 44.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 0.57 ug/l
RT: 12.684 min Scan# 4087
Delta R.T. 0.008 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 105 Resp: 6800
Ion Ratio Lower Upper
105 100
120 53.8 24.3 72.8

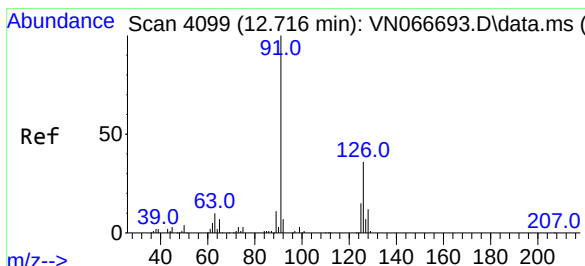
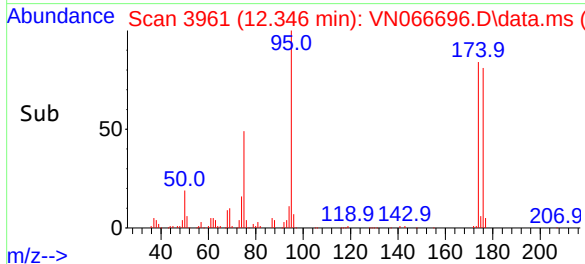
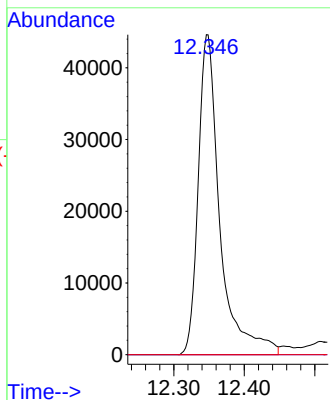
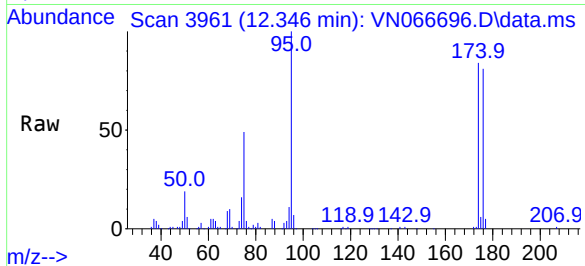




#81
trans-1,4-Dichloro-2-butene
Concen: 69.00 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

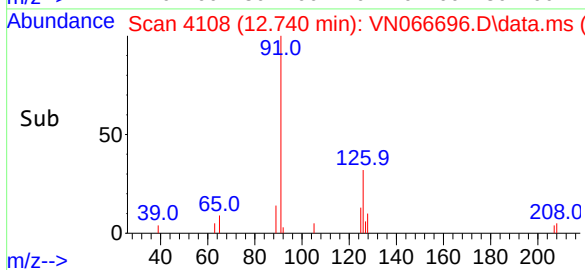
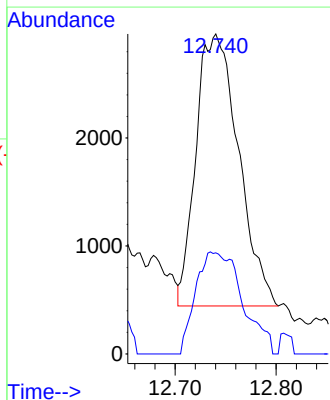
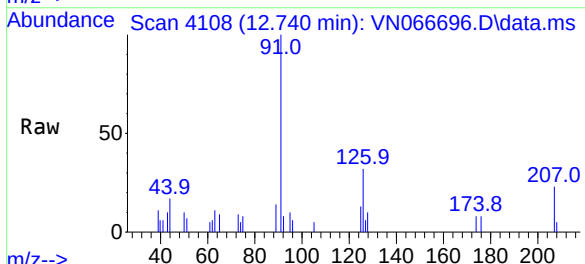
Instrument :
MSVOA_N
ClientSampled :
IBLK

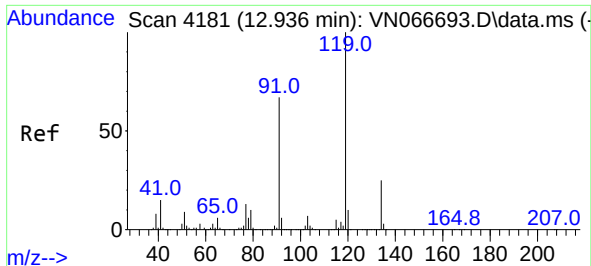
Tgt Ion: 75 Resp: 95102
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#82
4-Chlorotoluene
Concen: 0.77 ug/l
RT: 12.740 min Scan# 4108
Delta R.T. 0.024 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion: 91 Resp: 7344
Ion Ratio Lower Upper
91 100
126 41.3 17.2 51.6

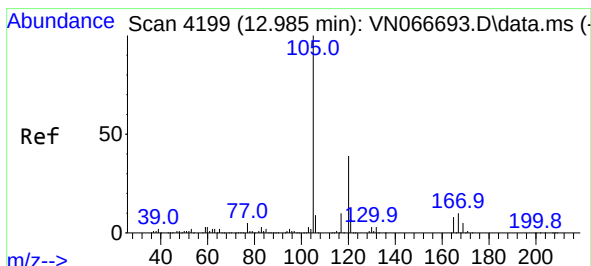
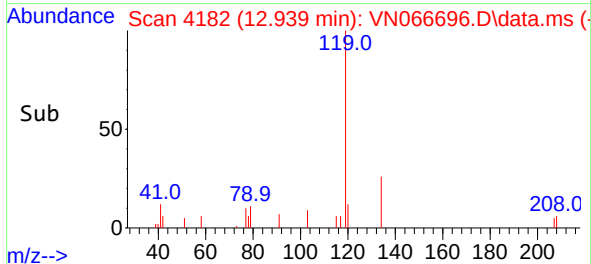
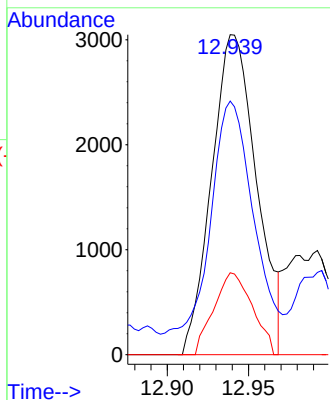
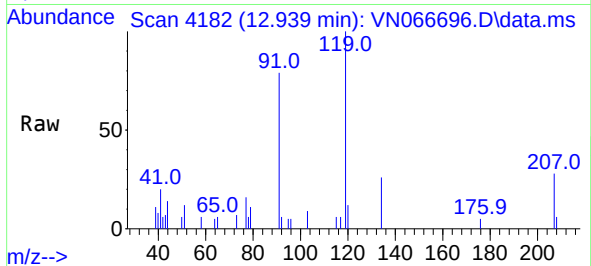




#83
tert-Butylbenzene
Concen: 0.58 ug/l
RT: 12.939 min Scan# 4182
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

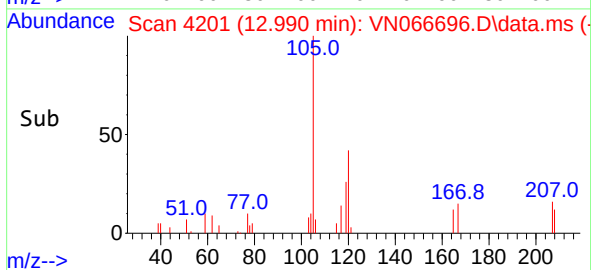
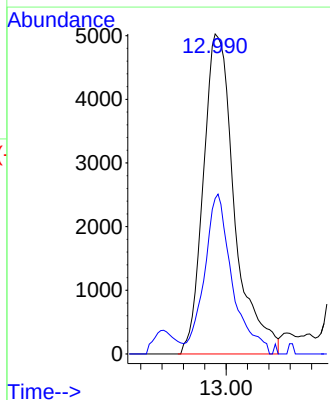
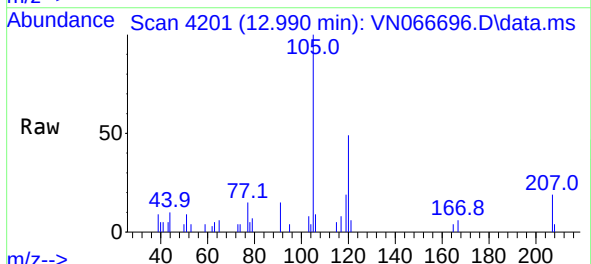
Instrument :
MSVOA_N
ClientSampled :
IBLK

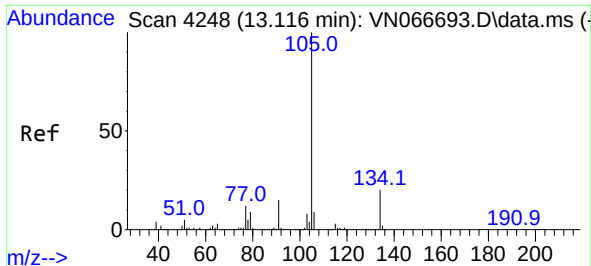
Tgt Ion:	119	Resp:	5857
Ion	Ratio	Lower	Upper
119	100		
91	66.2	33.0	98.9
134	22.0	12.7	38.1



#84
1,2,4-Trimethylbenzene
Concen: 0.88 ug/l
RT: 12.990 min Scan# 4201
Delta R.T. 0.005 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion:	105	Resp:	10187
Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.0

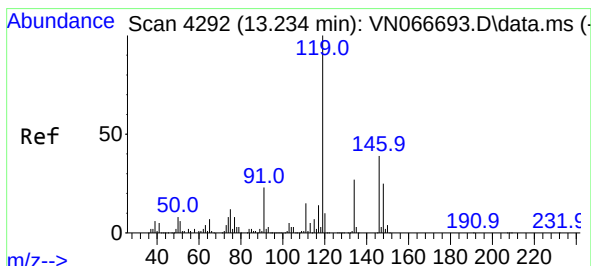
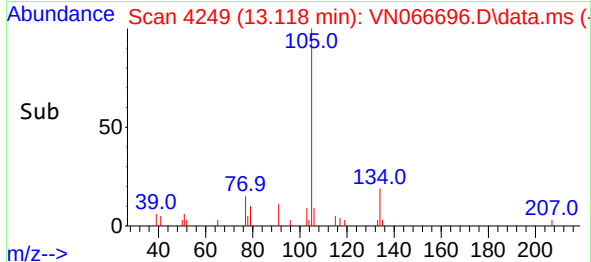
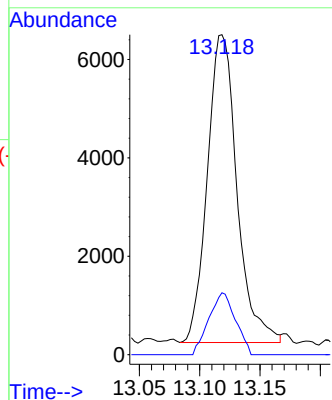
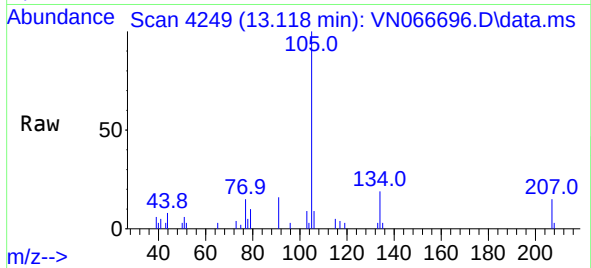




#85
 sec-Butylbenzene
 Concen: 0.81 ug/l
 RT: 13.118 min Scan# 4249
 Delta R.T. 0.002 min
 Lab File: VN066696.D
 Acq: 21 Apr 2021 13:01

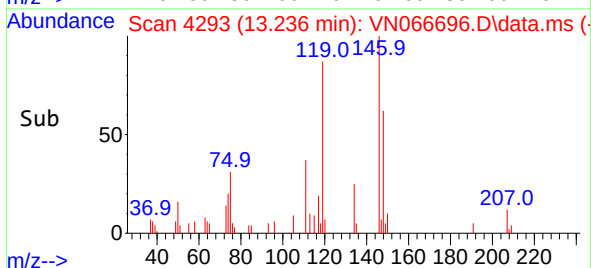
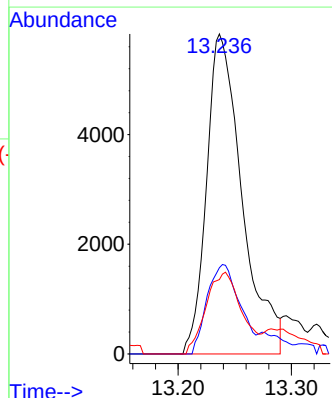
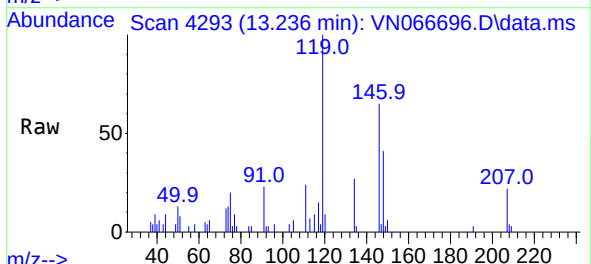
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

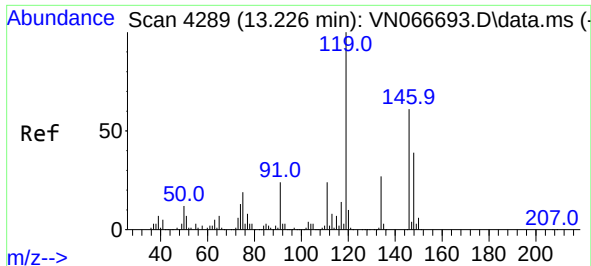
Tgt Ion:105 Resp: 10715
 Ion Ratio Lower Upper
 105 100
 134 18.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 1.11 ug/l
 RT: 13.236 min Scan# 4293
 Delta R.T. 0.002 min
 Lab File: VN066696.D
 Acq: 21 Apr 2021 13:01

Tgt Ion:119 Resp: 12712
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 25.5 11.8 35.3



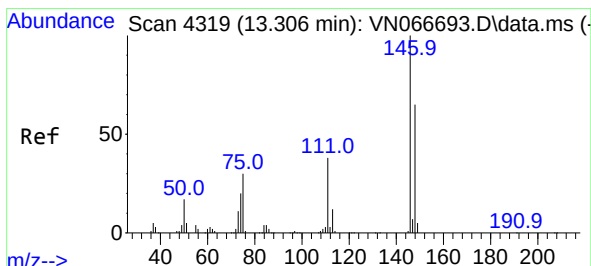
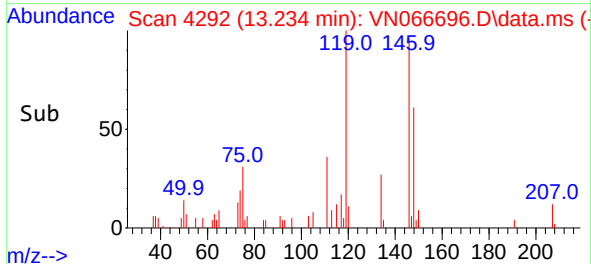
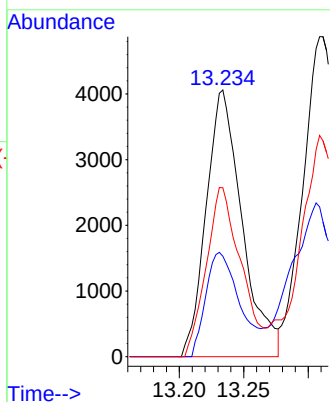
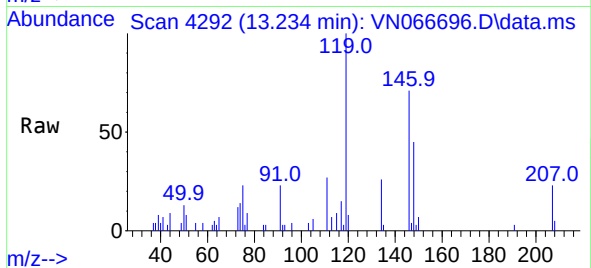


#87
1,3-Dichlorobenzene
Concen: 1.24 ug/l
RT: 13.234 min Scan# 4292
Delta R.T. 0.008 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:146 Resp: 7879

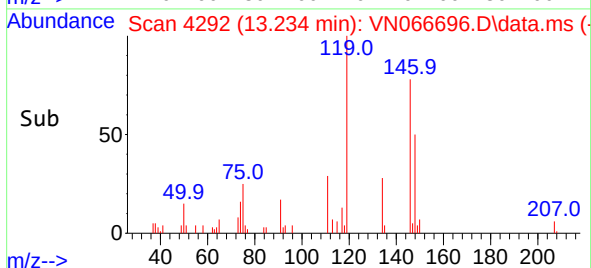
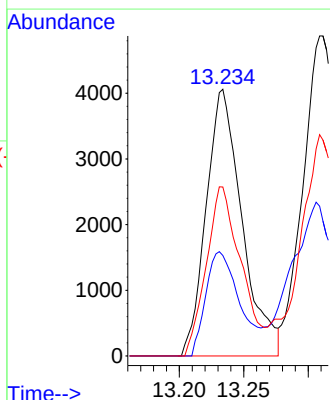
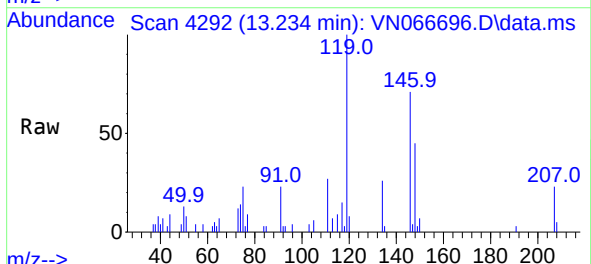
Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.5	58.5
148	61.3	32.3	96.9

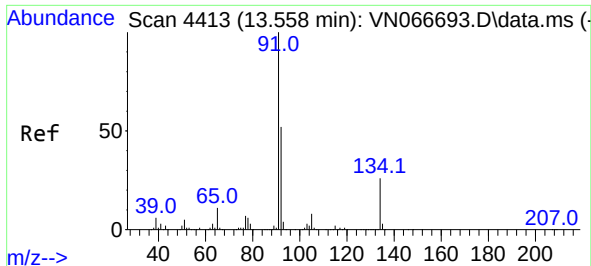


#88
1,4-Dichlorobenzene
Concen: 2.51 ug/l
RT: 13.234 min Scan# 4292
Delta R.T. -0.072 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion:146 Resp: 7879

Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.0	57.0
148	61.3	31.8	95.3

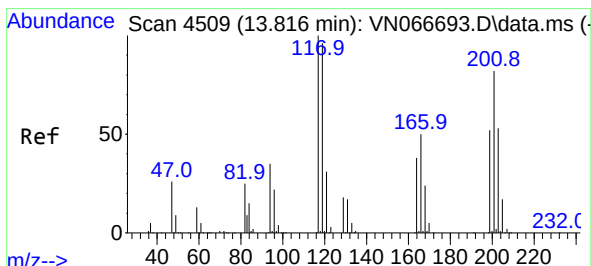
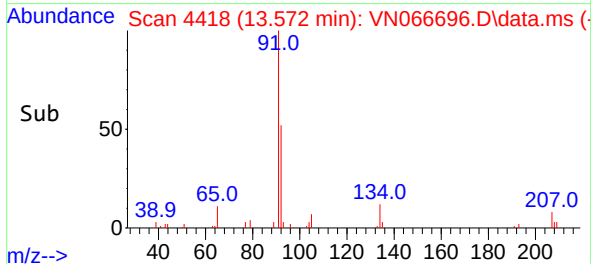
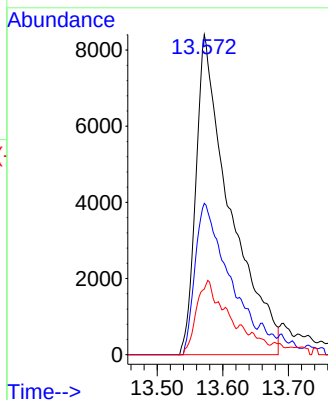
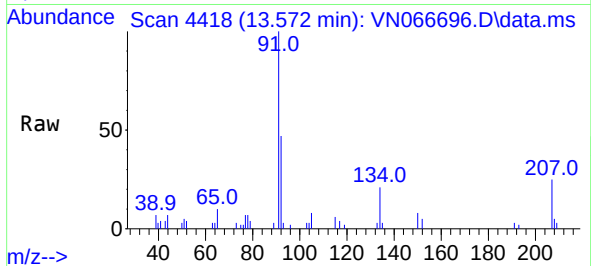




#89
n-Butylbenzene
Concen: 5.60 ug/l
RT: 13.572 min Scan# 4418
Delta R.T. 0.014 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

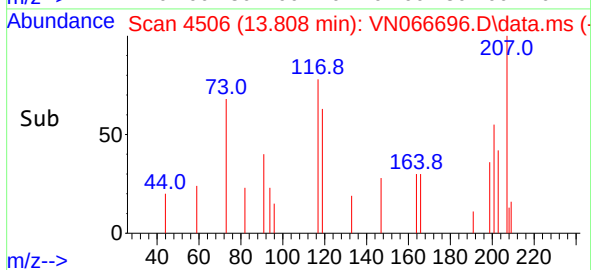
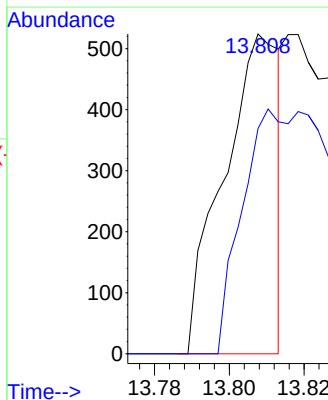
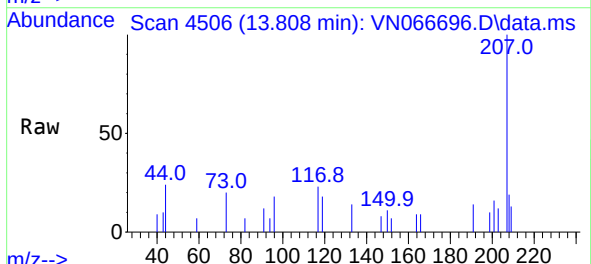
Instrument :
MSVOA_N
ClientSampled :
IBLK

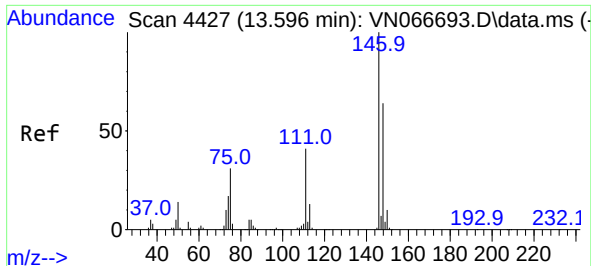
Tgt Ion:	91	Resp:	30184
Ion	Ratio	Lower	Upper
91	100		
92	46.9	26.1	78.3
134	18.6	13.0	38.9



#90
Hexachloroethane
Concen: 0.22 ug/l
RT: 13.808 min Scan# 4506
Delta R.T. -0.008 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion:	117	Resp:	538
Ion	Ratio	Lower	Upper
117	100		
201	64.7	37.8	113.3

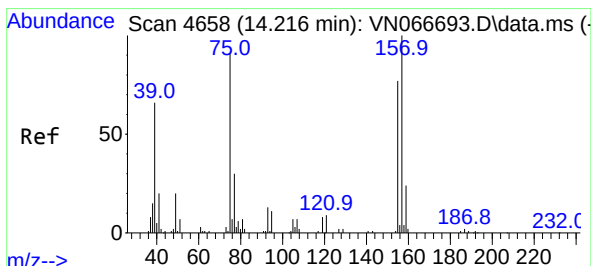
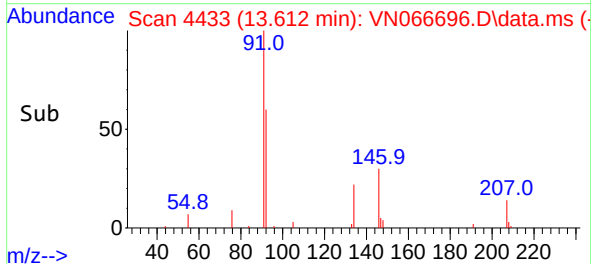
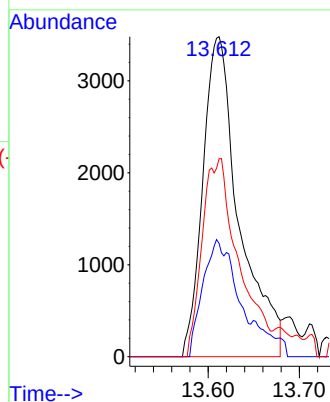
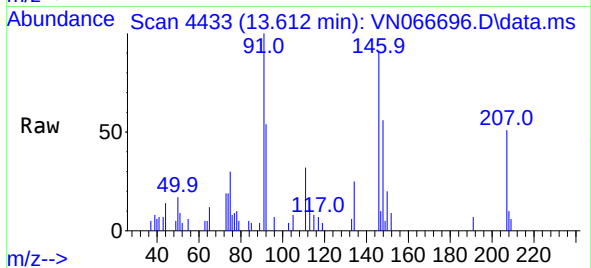




#91
1,2-Dichlorobenzene
Concen: 2.25 ug/l
RT: 13.612 min Scan# 4433
Delta R.T. 0.016 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

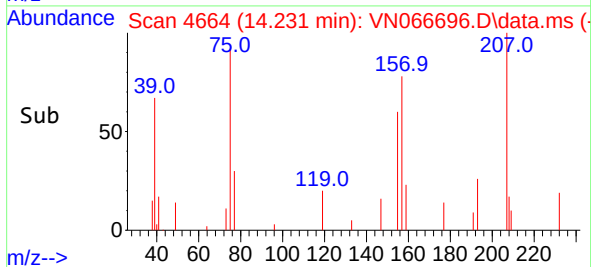
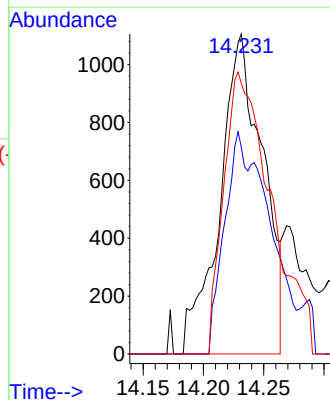
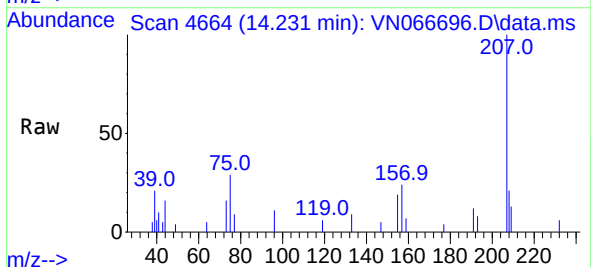
Instrument :
MSVOA_N
ClientSampled :
IBLK

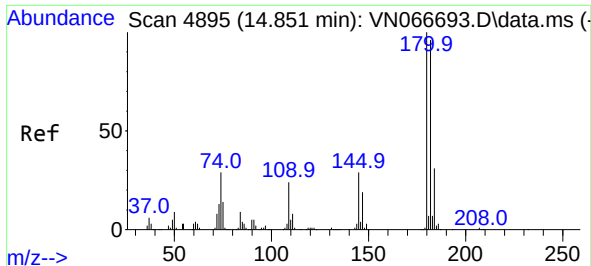
Tgt Ion:	146	Resp:	9621
Ion	Ratio	Lower	Upper
146	100		
111	33.3	20.1	60.3
148	62.6	32.0	96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.95 ug/l
RT: 14.231 min Scan# 4664
Delta R.T. 0.015 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion:	75	Resp:	2745
Ion	Ratio	Lower	Upper
75	100		
155	36.1	44.1	132.4#
157	97.3	56.0	168.2

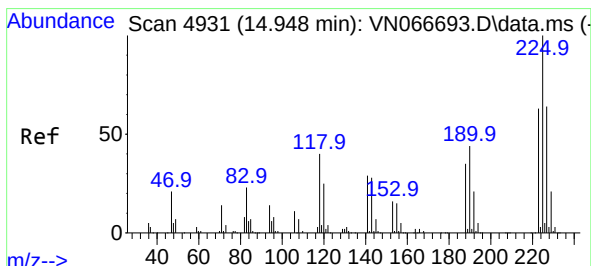
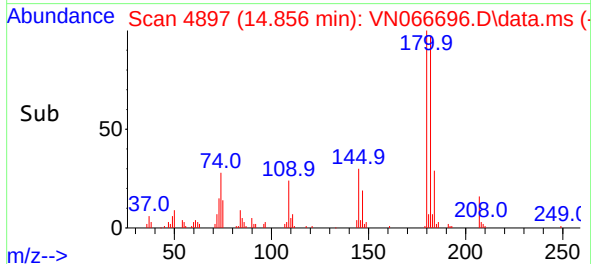
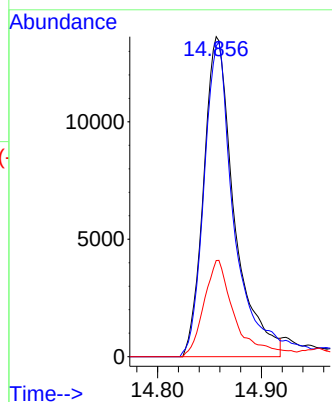
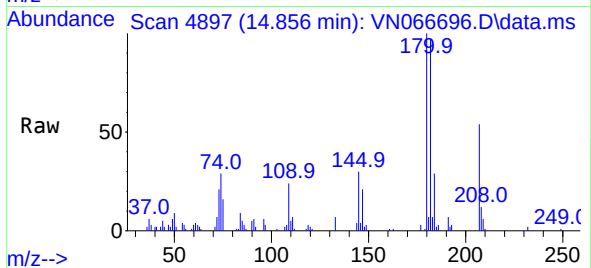




#93
1,2,4-Trichlorobenzene
Concen: 9.00 ug/l
RT: 14.856 min Scan# 4897
Delta R.T. 0.005 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

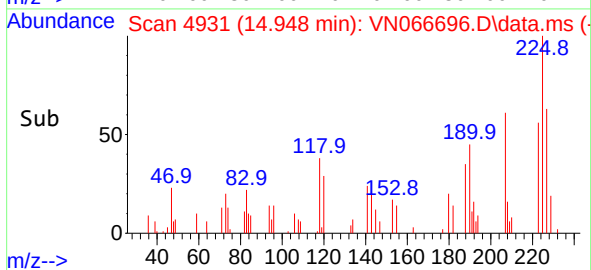
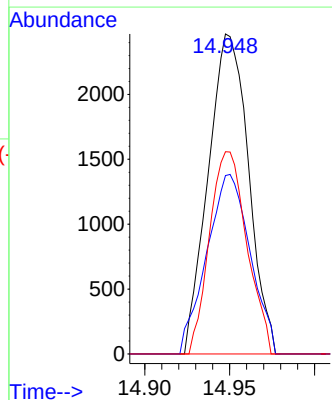
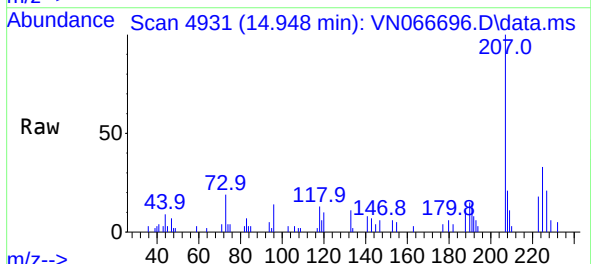
Instrument :
MSVOA_N
ClientSampled :
IBLK

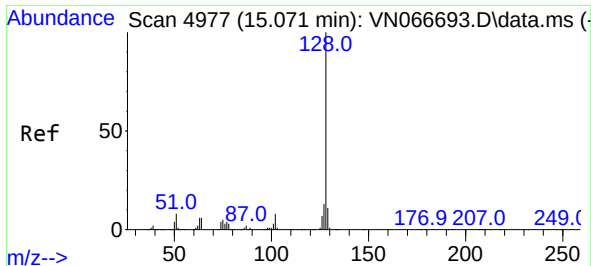
Tgt Ion:	180	Resp:	27871
Ion Ratio	Lower	Upper	
180	100		
182	99.0	47.3	142.0
145	30.8	15.6	46.8



#94
Hexachlorobutadiene
Concen: 2.55 ug/l
RT: 14.948 min Scan# 4931
Delta R.T. -0.000 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion:	225	Resp:	4069
Ion Ratio	Lower	Upper	
225	100		
223	60.4	31.9	95.9
227	58.6	31.6	95.0



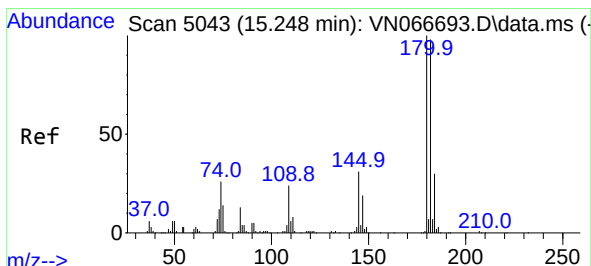
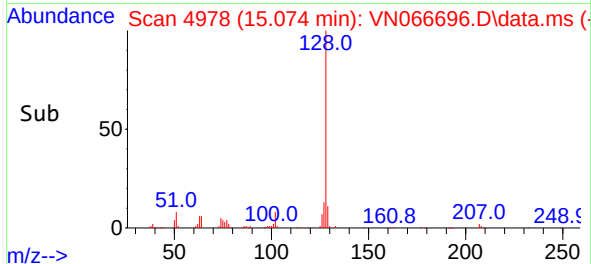
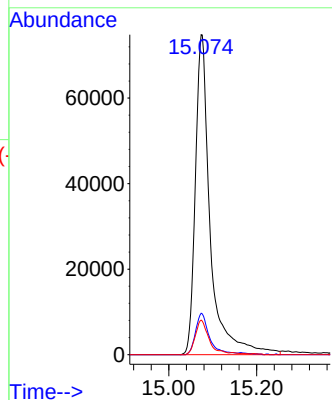
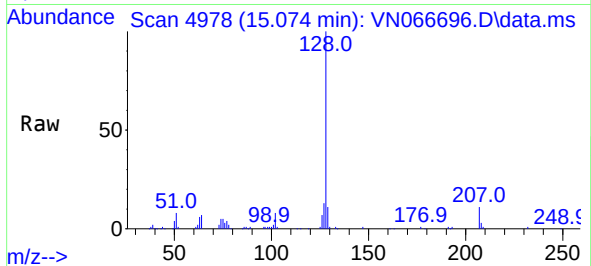


#95
Naphthalene
Concen: 20.12 ug/l
RT: 15.074 min Scan# 4978
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:128 Resp: 175765

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	9.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 11.33 ug/l
RT: 15.251 min Scan# 5044
Delta R.T. 0.003 min
Lab File: VN066696.D
Acq: 21 Apr 2021 13:01

Tgt Ion:180 Resp: 36725

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.3
145	31.1	16.5	49.5

