

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065095.D
 Acq On : 14 Dec 2020 12:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 15 05:46:32 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 15 05:41:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	247354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	403200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	418268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	178879	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	151922	53.42	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.84%
35) Dibromofluoromethane	7.550	113	136117	48.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.14%
50) Toluene-d8	10.058	98	491422	49.59	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.18%
62) 4-Bromofluorobenzene	12.376	95	184752	54.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.26%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.830	85	1155	0.47	ug/l	90
3) Chloromethane	2.036	50	1130	Below	Cal #	41
4) Vinyl Chloride	2.161	62	772	0.34	ug/l #	65
5) Bromomethane	2.550	94	1264	Below	Cal	90
7) Trichlorofluoromethane	2.994	101	1218	0.29	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.734	101	792	0.32	ug/l #	52
10) Methyl Iodide	3.907	142	1097	4.23	ug/l #	90
11) Tert butyl alcohol	4.708	59	108	0.36	ug/l #	73
12) 1,1-Dichloroethene	3.705	96	812	0.36	ug/l #	64
13) Acrolein	3.583	56	414	2.99	ug/l #	38
15) Acrylonitrile	4.927	53	296	0.29	ug/l #	66
16) Acetone	3.795	43	906	0.86	ug/l #	43
17) Carbon Disulfide	4.020	76	12088	1.91	ug/l	95
20) Methylene Chloride	4.502	84	1093	Below	Cal #	54
23) Vinyl Acetate	5.859	43	1949	0.33	ug/l #	71
25) 2-Butanone	6.795	43	842	0.62	ug/l #	49
28) Bromochloromethane	7.148	49	583	0.30	ug/l #	43
29) Tetrahydrofuran	7.174	42	447	0.54	ug/l #	37
31) Cyclohexane	7.624	56	6113	1.58	ug/l #	38
36) 1,1-Dichloropropene	7.740	75	1024	0.27	ug/l #	93
38) Carbon Tetrachloride	7.733	117	1031	0.23	ug/l #	75
39) Methylcyclohexane	9.049	83	1842	0.44	ug/l	91
44) Trichloroethene	8.801	130	1688	0.51	ug/l	62
46) Dibromomethane	9.171	93	887	0.44	ug/l #	39
49) 1,4-Dioxane	9.187	88	63	1.63	ug/l #	1
51) 4-Methyl-2-Pentanone	9.958	43	2122	0.68	ug/l #	58
52) Toluene	10.126	92	1719	0.25	ug/l	82
53) t-1,3-Dichloropropene	10.351	75	1517	0.36	ug/l	100
54) cis-1,3-Dichloropropene	9.801	75	1023	0.22	ug/l #	70
56) Ethyl methacrylate	10.396	69	135	1.80	ug/l #	32
58) 2-Chloroethyl Vinyl ether	9.663	63	1024	0.57	ug/l #	59
59) 2-Hexanone	10.730	43	2161	1.00	ug/l	67
61) 1,2-Dibromoethane	10.975	107	847	0.29	ug/l #	80
64) Tetrachloroethene	10.592	164	1969	0.47	ug/l	95
65) Chlorobenzene	11.402	112	3102	0.35	ug/l #	79
67) Ethyl Benzene	11.483	91	4093	0.28	ug/l	97

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 Quant Title : SW846 8260
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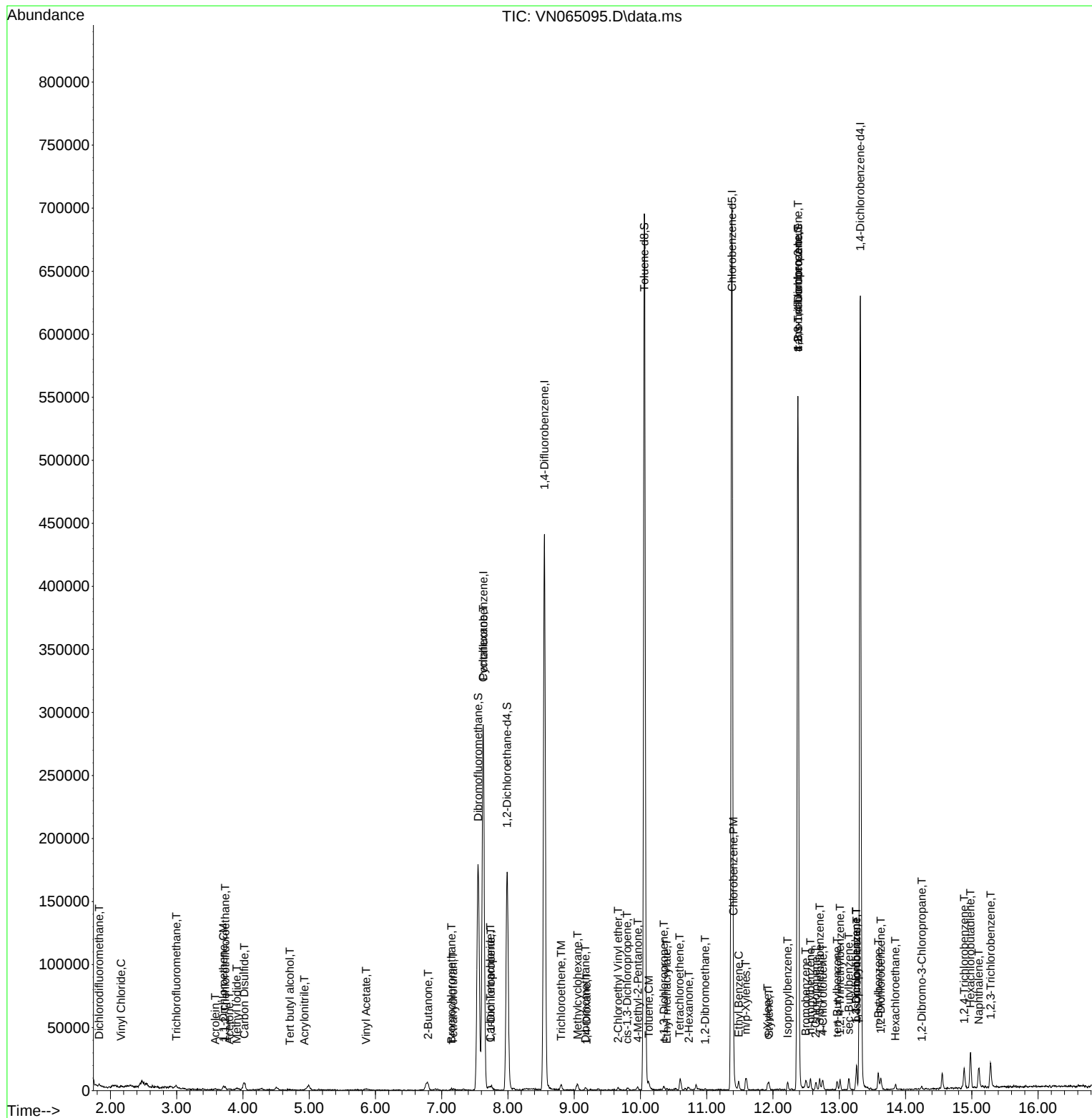
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	11.592	106	3732	0.67	ug/l	83
69) o-Xylene	11.920	106	1109	0.21	ug/l	99
70) Styrene	11.939	104	2631	1.64	ug/l #	80
73) Isopropylbenzene	12.222	105	3937	0.32	ug/l	96
76) 1,2,3-Trichloropropane	12.376	75	92142	28.71	ug/l #	100
77) Bromobenzene	12.495	156	1907	0.56	ug/l	81
78) n-propylbenzene	12.566	91	7511	0.55	ug/l	93
79) 2-Chlorotoluene	12.646	91	3893	0.47	ug/l	94
80) 1,3,5-Trimethylbenzene	12.704	105	3907	0.38	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.376	75	92142	79.88	ug/l #	15
82) 4-Chlorotoluene	12.753	91	5948	0.70	ug/l	91
83) tert-Butylbenzene	12.968	119	3826	0.44	ug/l	90
84) 1,2,4-Trimethylbenzene	13.013	105	4075	0.40	ug/l	94
85) sec-Butylbenzene	13.145	105	6192	0.56	ug/l	92
86) p-Isopropyltoluene	13.264	119	5571	1.54	ug/l	95
87) 1,3-Dichlorobenzene	13.257	146	4755	0.82	ug/l	95
88) 1,4-Dichlorobenzene	13.257	146	4755	0.81	ug/l	96
89) n-Butylbenzene	13.589	91	7341	0.85	ug/l	91
90) Hexachloroethane	13.846	117	907	0.48	ug/l	57
91) 1,2-Dichlorobenzene	13.627	146	4012	0.69	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.244	75	357	0.50	ug/l	76
93) 1,2,4-Trichlorobenzene	14.884	180	5285	5.12	ug/l	83
94) Hexachlorobutadiene	14.981	225	5812	2.94	ug/l	99
95) Naphthalene	15.106	128	14114	5.64	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.286	180	7679	6.23	ug/l	92

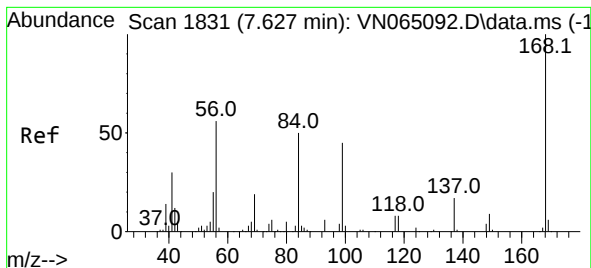
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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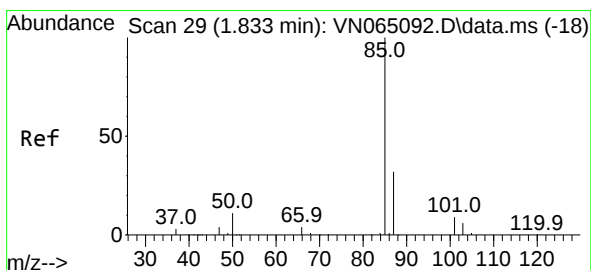
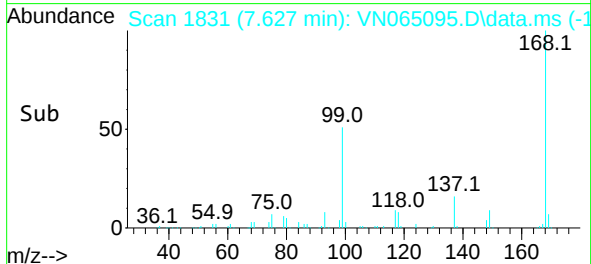
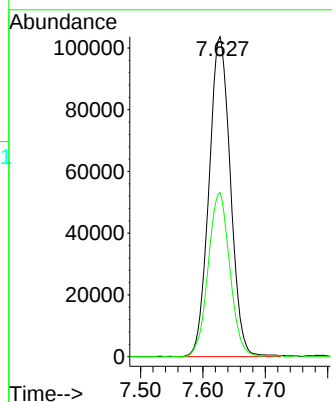
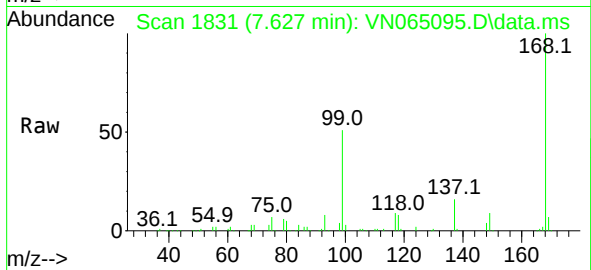




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

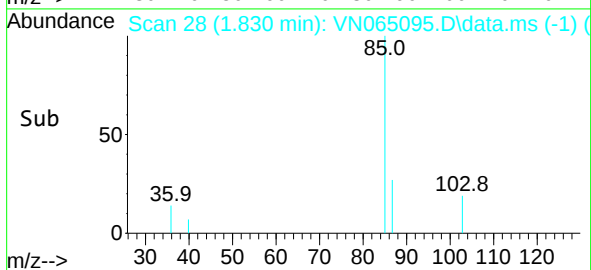
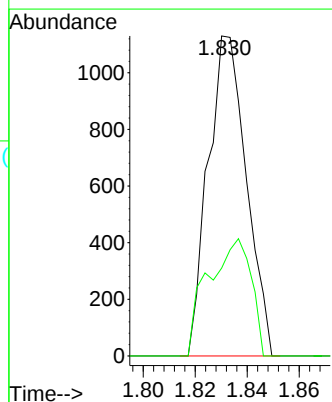
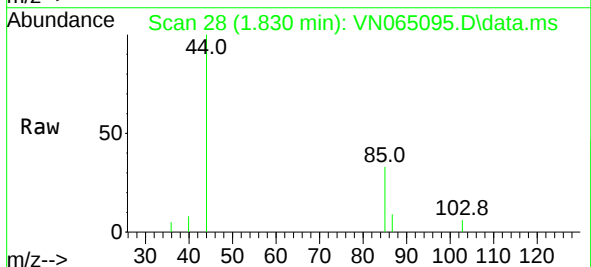
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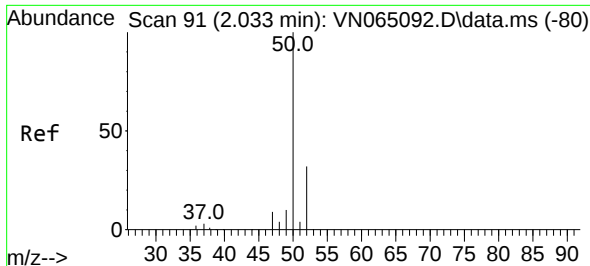
Tgt Ion:168 Resp: 247354
Ion Ratio Lower Upper
168 100
99 51.3 43.0 64.4



#2
Dichlorodifluoromethane
Concen: 0.47 ug/l
RT: 1.830 min Scan# 28
Delta R.T. -0.003 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 85 Resp: 1155
Ion Ratio Lower Upper
85 100
87 27.4 16.4 49.4

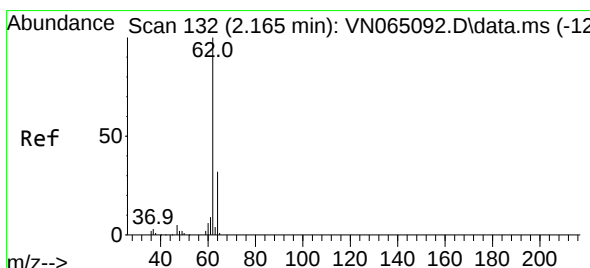
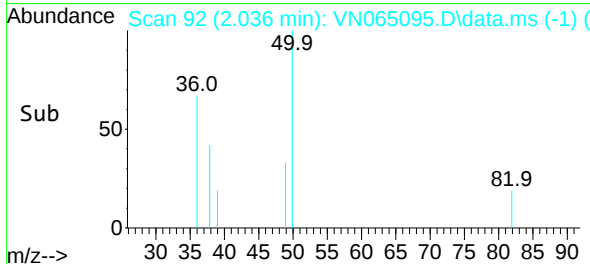
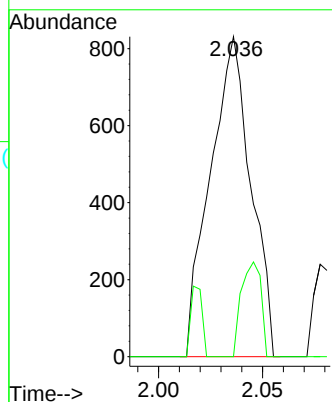
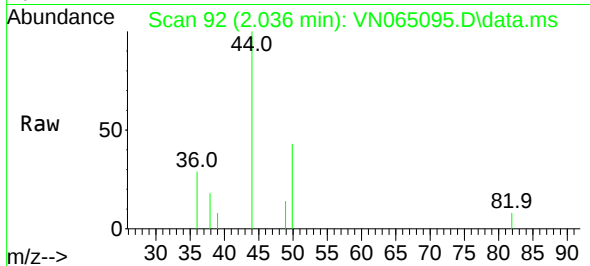




#3
Chloromethane
Concen: Below Cal
RT: 2.036 min Scan# 92
Delta R.T. 0.003 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

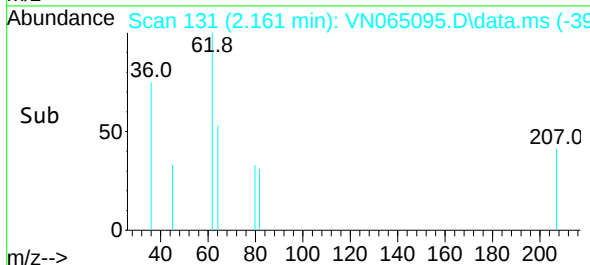
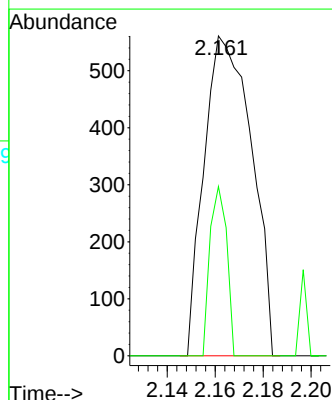
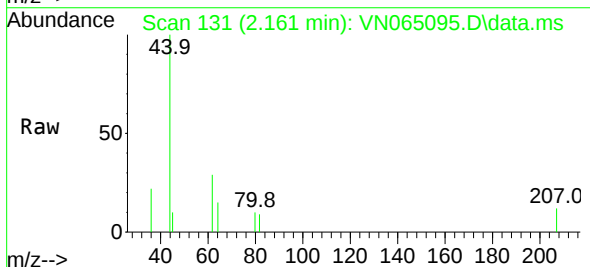
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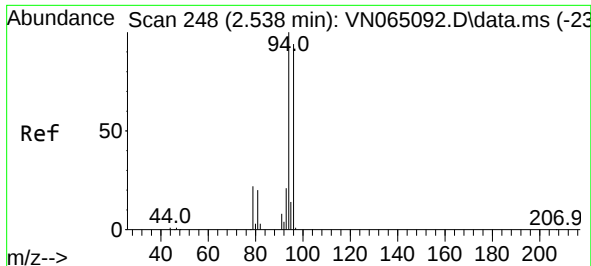
Tgt Ion: 50 Resp: 1130
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#



#4
Vinyl Chloride
Concen: 0.34 ug/l
RT: 2.161 min Scan# 131
Delta R.T. -0.004 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 62 Resp: 772
Ion Ratio Lower Upper
62 100
64 52.9 26.5 39.7#

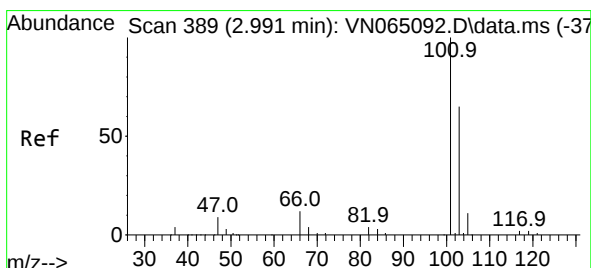
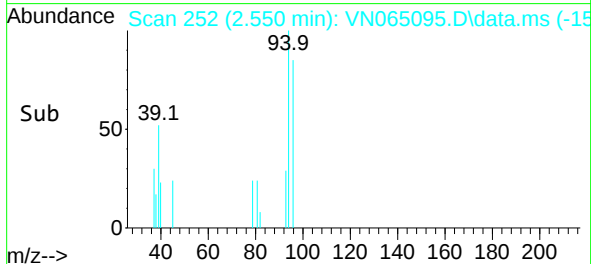
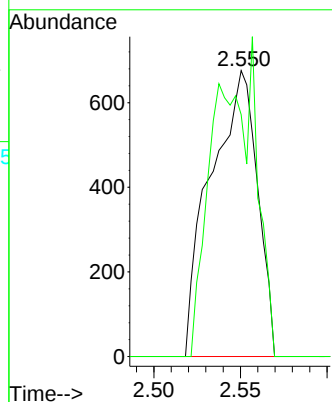
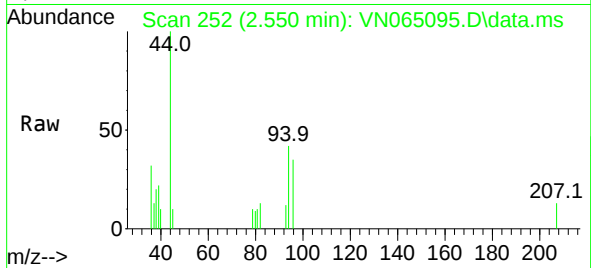




#5
Bromomethane
Concen: Below Cal
RT: 2.550 min Scan# 252
Delta R.T. 0.012 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

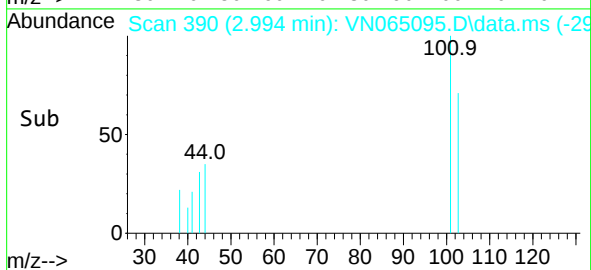
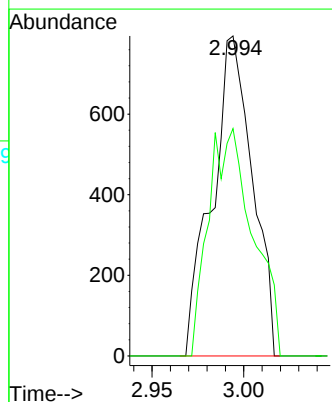
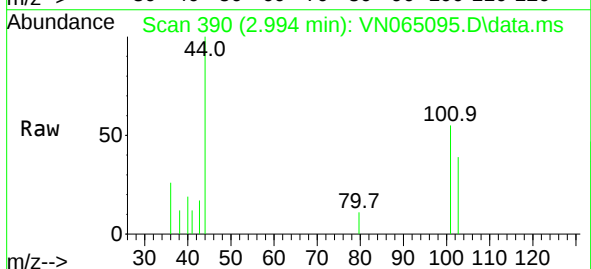
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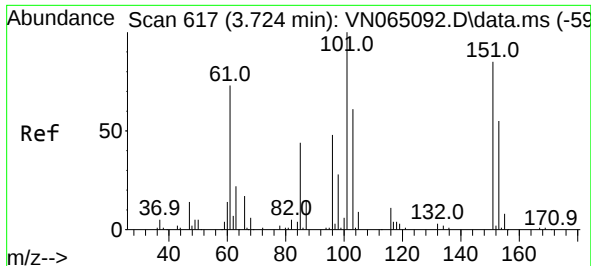
Tgt Ion: 94 Resp: 1264
Ion Ratio Lower Upper
94 100
96 84.6 75.4 113.0



#7
Trichlorofluoromethane
Concen: 0.29 ug/l
RT: 2.994 min Scan# 390
Delta R.T. 0.003 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 101 Resp: 1218
Ion Ratio Lower Upper
101 100
103 71.0 50.5 75.7

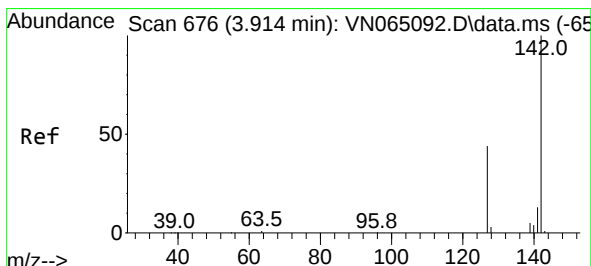
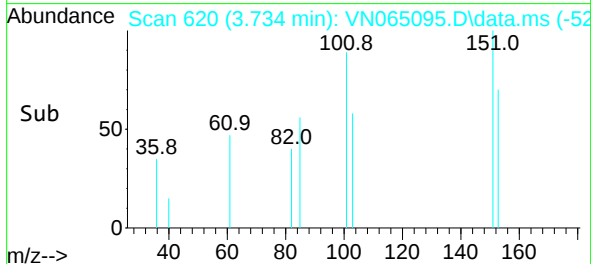
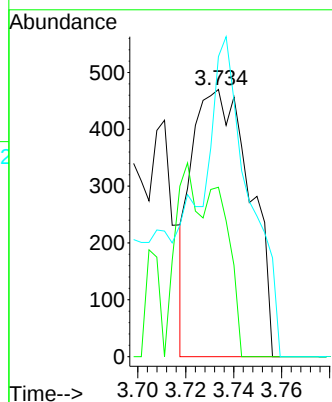
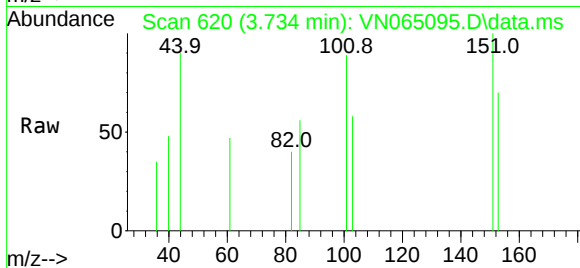




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.32 ug/l
RT: 3.734 min Scan# 620
Delta R.T. 0.010 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

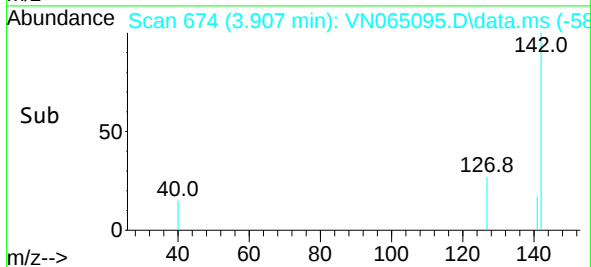
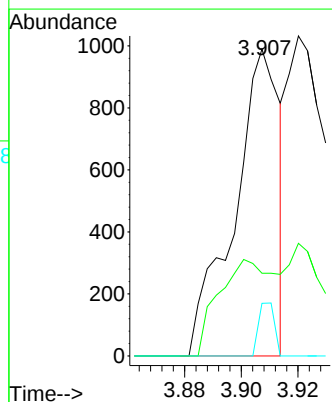
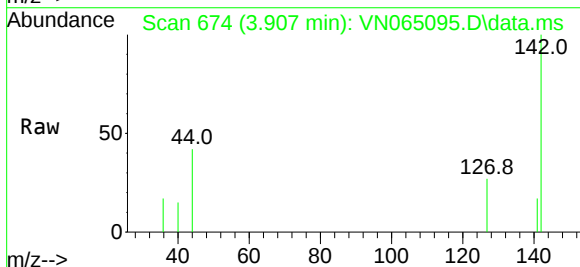
Instrument :
MSVOA_N
ClientSampled :
IBLK

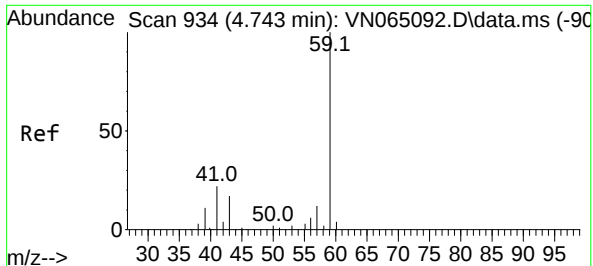
Tgt Ion:101 Resp: 792
Ion Ratio Lower Upper
101 100
85 31.9 34.4 51.6#
151 136.9 64.0 96.0#



#10
Methyl Iodide
Concen: 4.23 ug/l
RT: 3.907 min Scan# 674
Delta R.T. -0.007 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion:142 Resp: 1097
Ion Ratio Lower Upper
142 100
127 39.6 35.0 52.6
141 6.0 11.8 17.6#

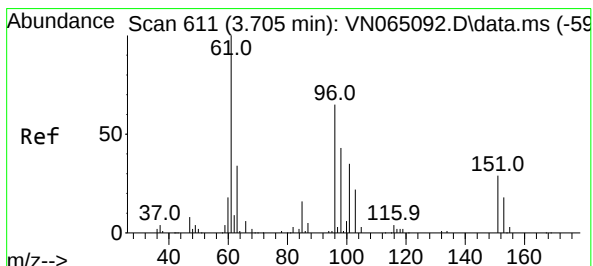
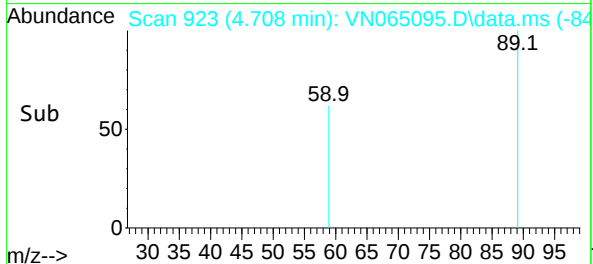
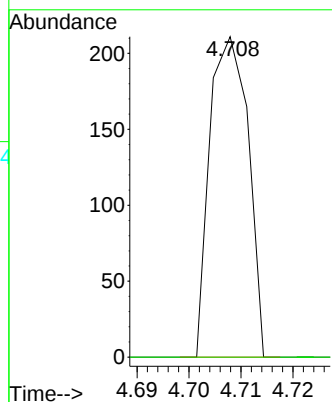
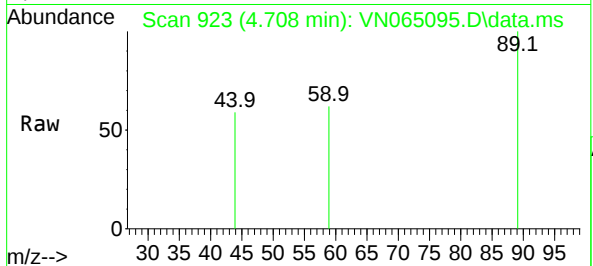




#11
Tert butyl alcohol
Concen: 0.36 ug/l
RT: 4.708 min Scan# 923
Delta R.T. -0.035 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

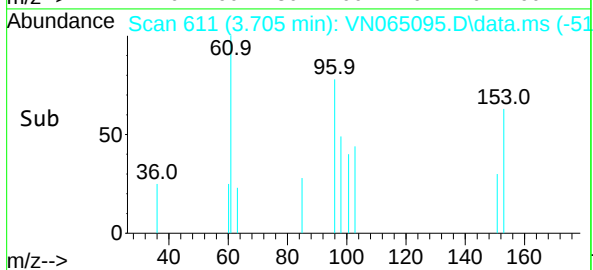
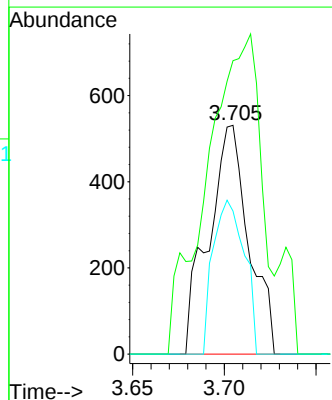
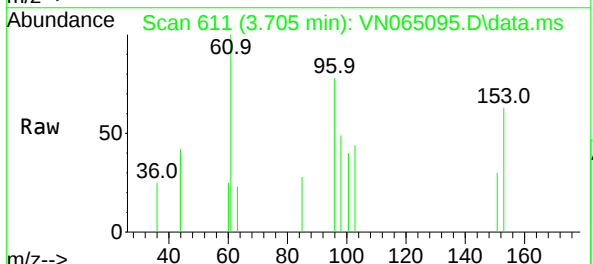
Instrument :
MSVOA_N
ClientSampled :
IBLK

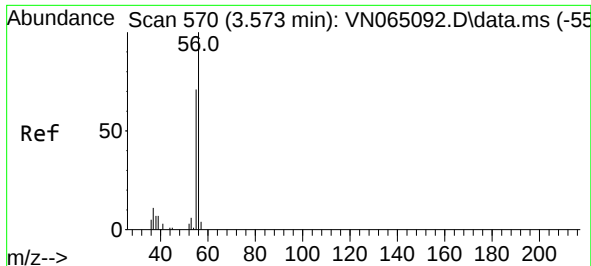
Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 0.36 ug/l
RT: 3.705 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 96 Resp: 812
Ion Ratio Lower Upper
96 100
61 88.9 123.4 185.2#
98 62.5 49.8 74.8

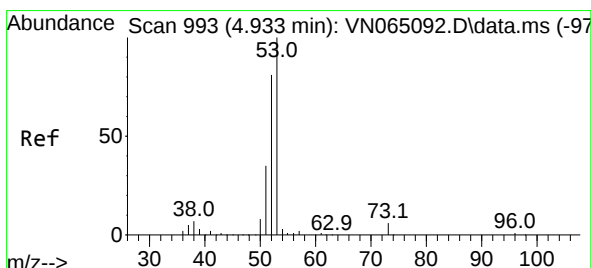
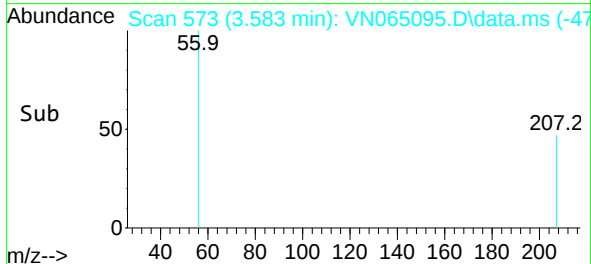
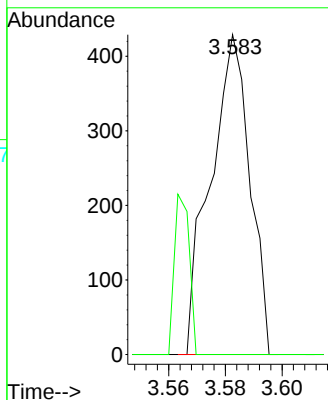
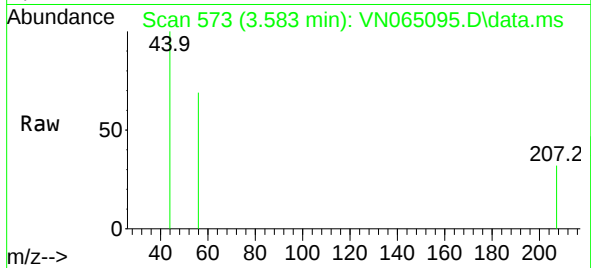




#13
Acrolein
Concen: 2.99 ug/l
RT: 3.583 min Scan# 573
Delta R.T. 0.010 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

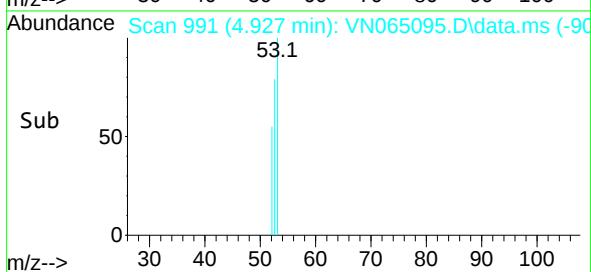
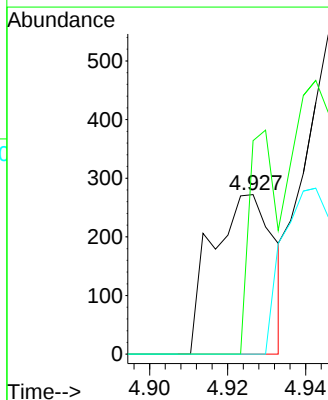
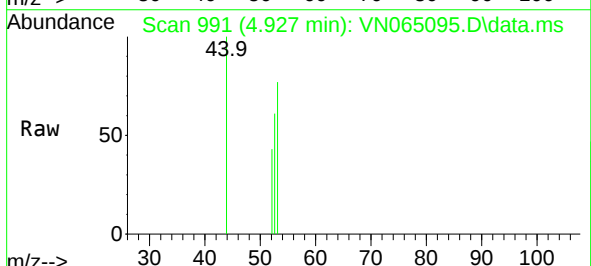
Instrument :
MSVOA_N
ClientSampleId :
IBLK

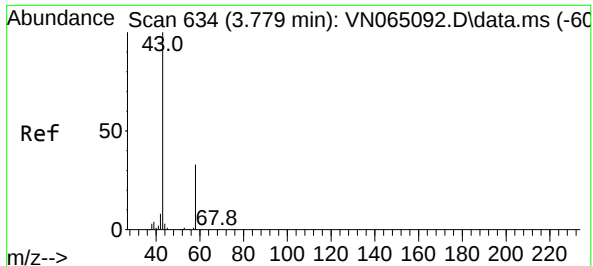
Tgt Ion: 56 Resp: 414
Ion Ratio Lower Upper
56 100
55 19.1 56.5 84.7#



#15
Acrylonitrile
Concen: 0.29 ug/l
RT: 4.927 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 53 Resp: 296
Ion Ratio Lower Upper
53 100
52 62.5 65.5 98.3#
51 0.0 28.6 43.0#

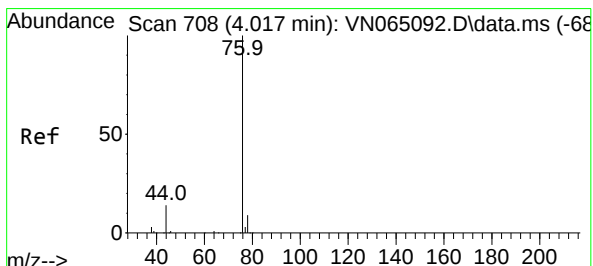
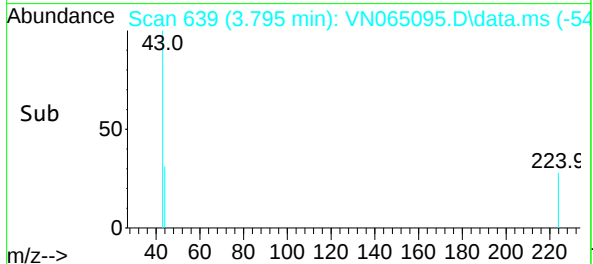
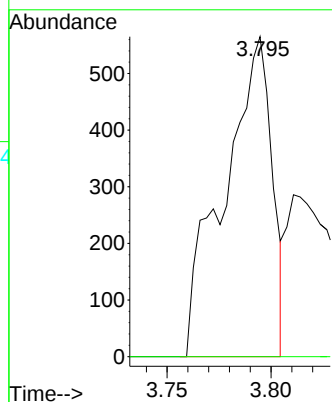
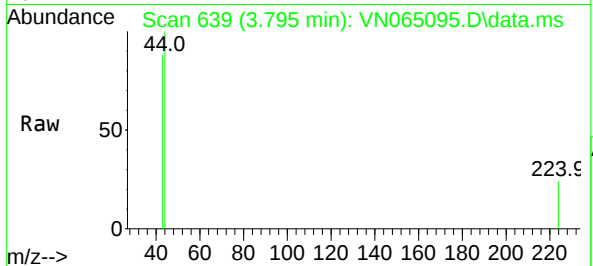




#16
Acetone
Concen: 0.86 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.016 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

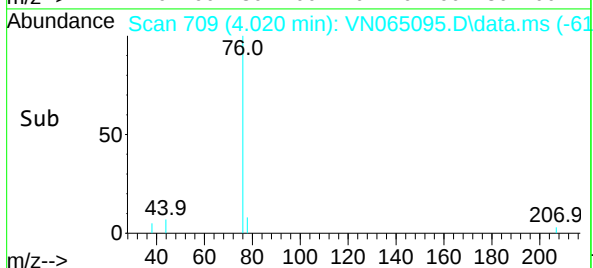
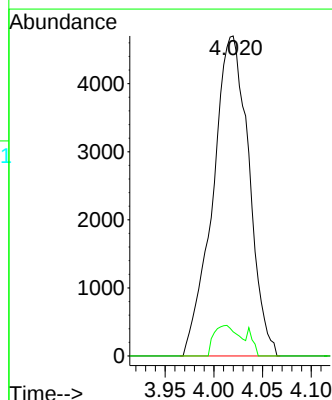
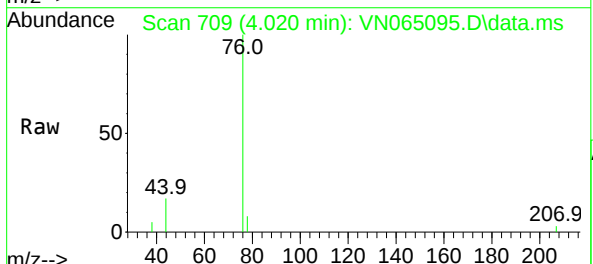
Instrument :
MSVOA_N
ClientSampleId :
IBLK

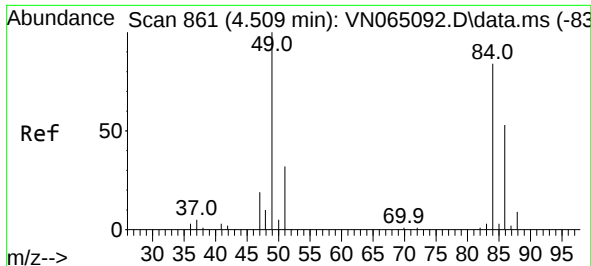
Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#17
Carbon Disulfide
Concen: 1.91 ug/l
RT: 4.020 min Scan# 709
Delta R.T. 0.003 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

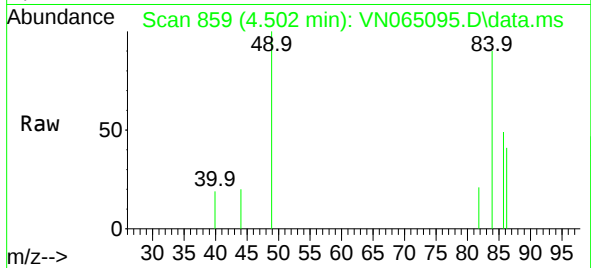
Tgt Ion: 76 Resp: 12088
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0





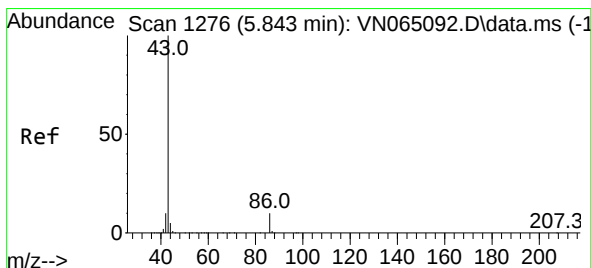
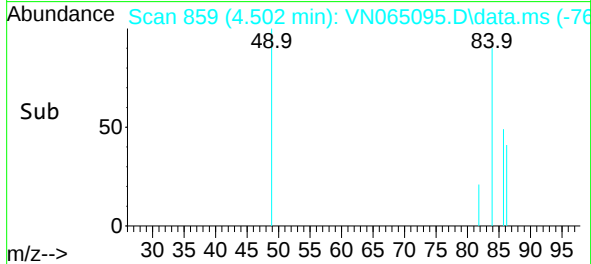
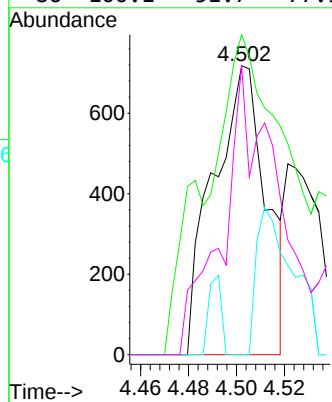
#20
Methylene Chloride
Concen: Below Cal
RT: 4.502 min Scan# 859
Delta R.T. -0.007 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 1093

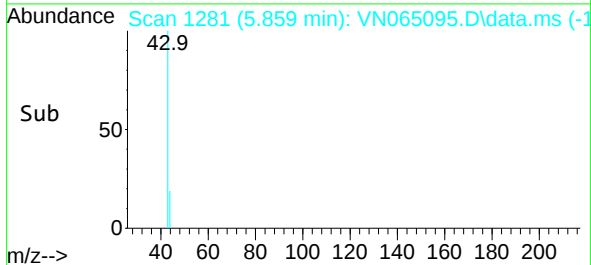
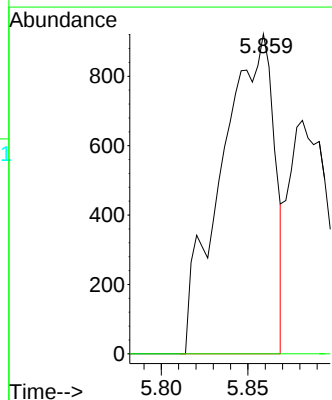
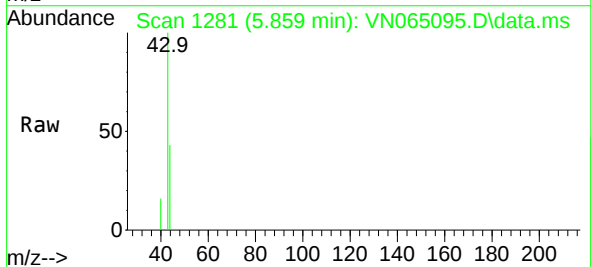
Ion	Ratio	Lower	Upper
84	100		
49	71.6	93.4	140.0#
51	0.0	28.2	42.4#
86	100.1	51.7	77.5#

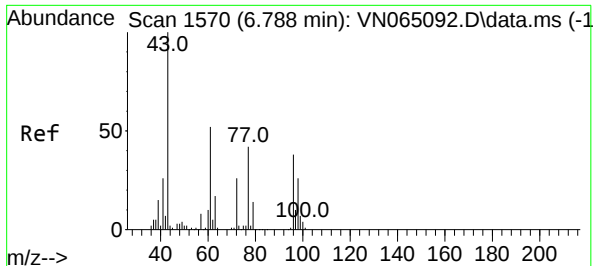


#23
Vinyl Acetate
Concen: 0.33 ug/l
RT: 5.859 min Scan# 1281
Delta R.T. 0.016 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 43 Resp: 1949

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#

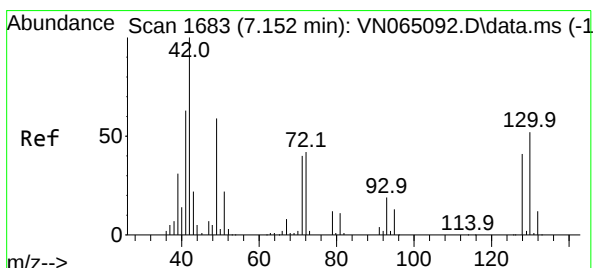
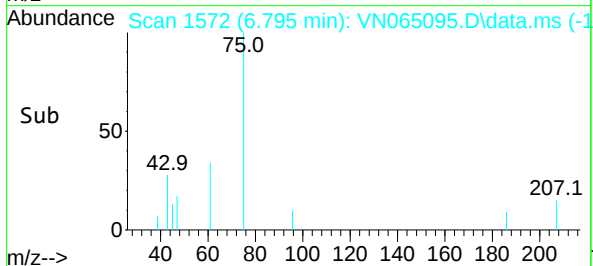
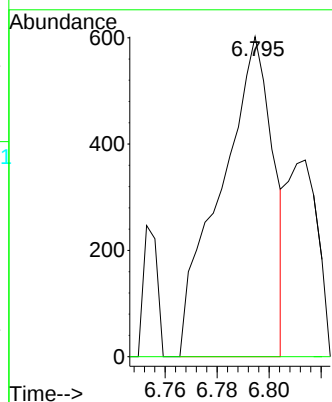
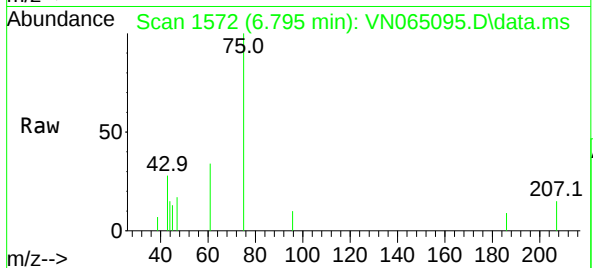




#25
2-Butanone
Concen: 0.62 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. 0.007 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

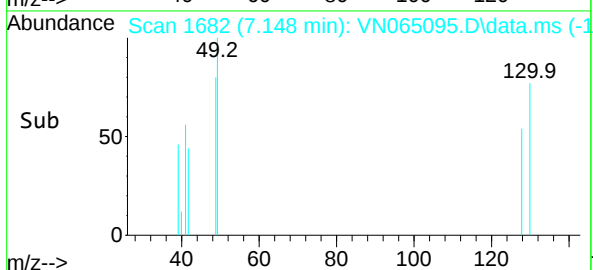
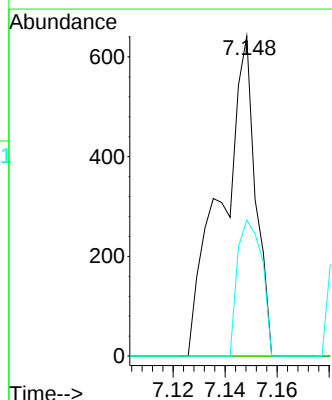
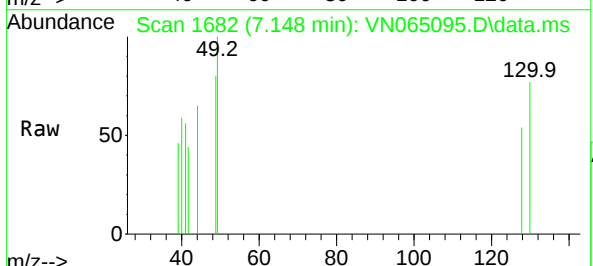
Instrument :
MSVOA_N
ClientSampled :
IBLK

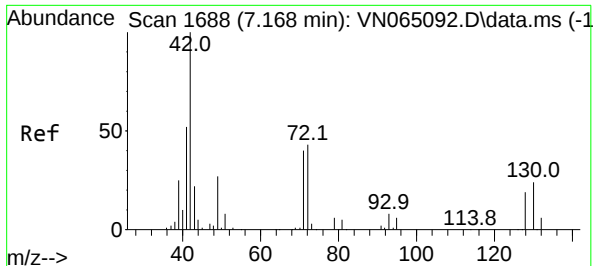
Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#28
Bromochloromethane
Concen: 0.30 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. -0.004 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 49 Resp: 583
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 30.5 66.2 99.2#





#29

Tetrahydrofuran

Concen: 0.54 ug/l

RT: 7.174 min Scan# 1690

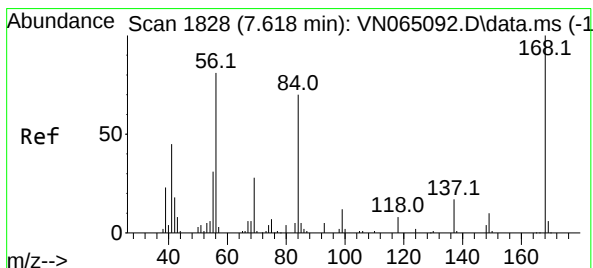
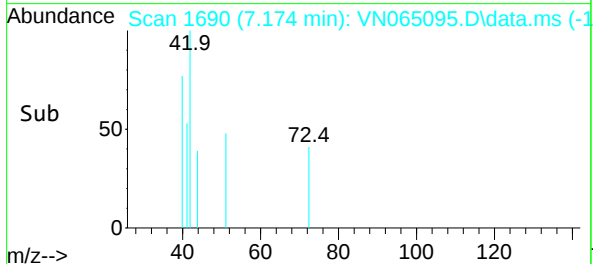
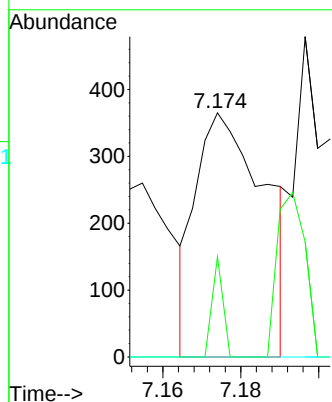
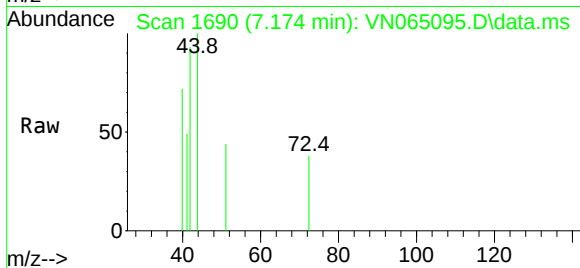
Delta R.T. 0.006 min

Lab File: VN065095.D

Acq: 14 Dec 2020 12:10

Tgt Ion:	42	Resp:	447
Ion	Ratio	Lower	Upper
42	100		
72	6.5	36.6	54.8#
71	0.0	33.6	50.4#

Instrument :
MSVOA_N
ClientSampled :
IBLK



#31

Cyclohexane

Concen: 1.58 ug/l

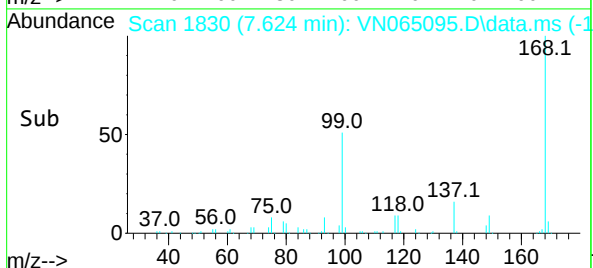
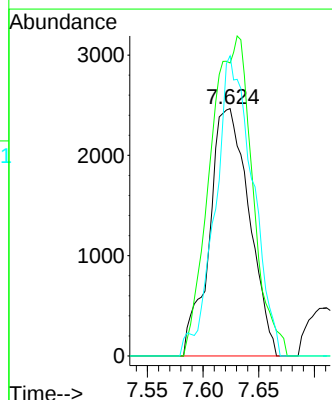
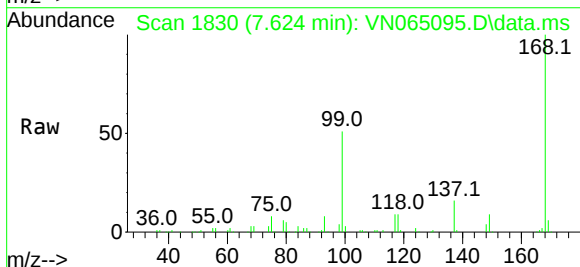
RT: 7.624 min Scan# 1830

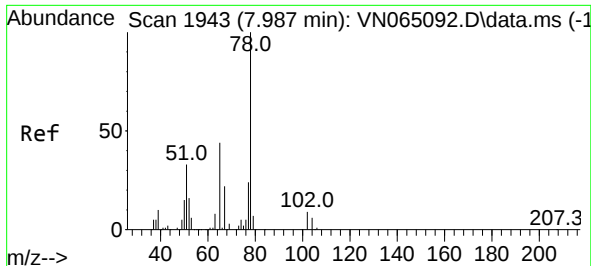
Delta R.T. 0.006 min

Lab File: VN065095.D

Acq: 14 Dec 2020 12:10

Tgt Ion:	56	Resp:	6113
Ion	Ratio	Lower	Upper
56	100		
69	118.4	27.5	41.3#
84	121.3	73.9	110.9#

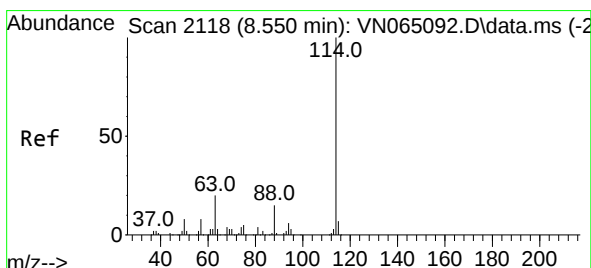
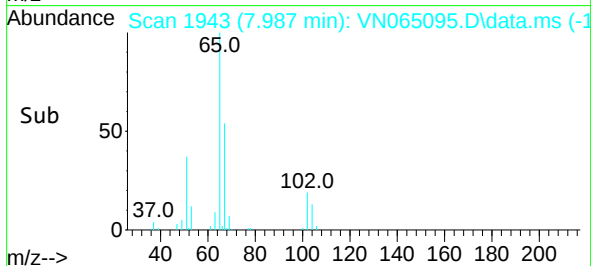
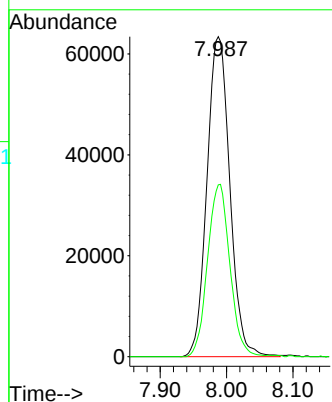
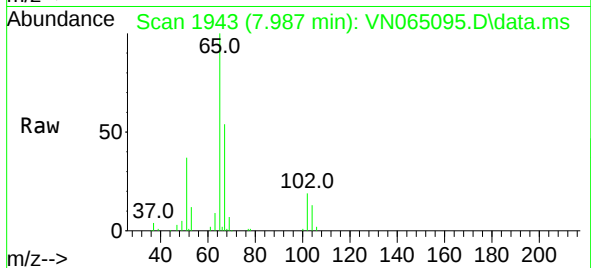




#33
1,2-Dichloroethane-d4
Concen: 53.42 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

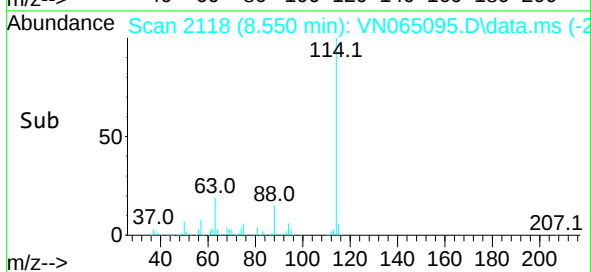
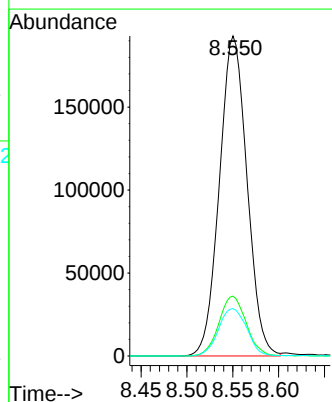
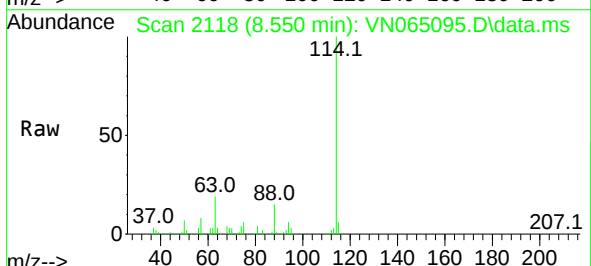
Instrument :
MSVOA_N
ClientSampleId :
IBLK

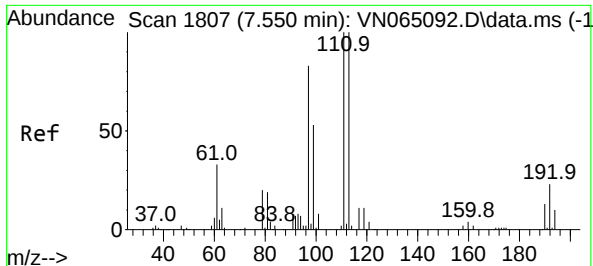
Tgt Ion: 65 Resp: 151922
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 114 Resp: 403200
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.6
88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.57 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN065095.D

Acq: 14 Dec 2020 12:10

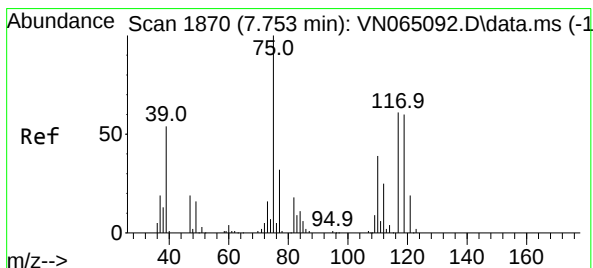
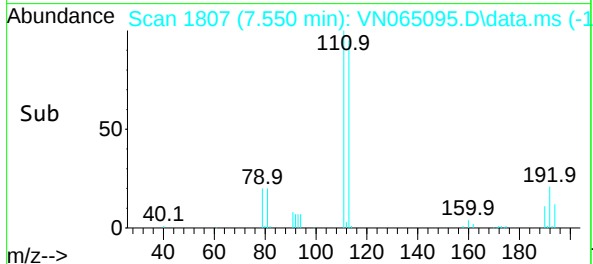
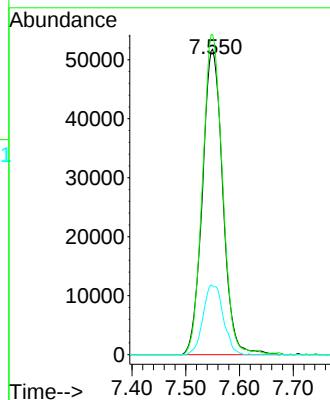
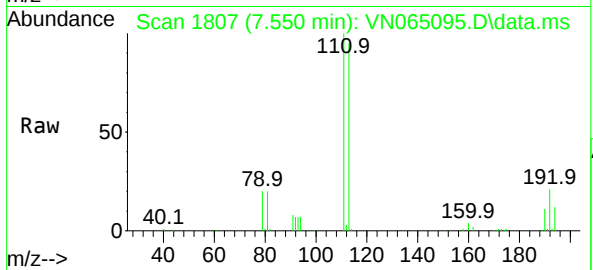
Tgt Ion:113 Resp: 136117

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

192 22.6 16.2 24.2



#36

1,1-Dichloropropene

Concen: 0.27 ug/l

RT: 7.740 min Scan# 1866

Delta R.T. -0.013 min

Lab File: VN065095.D

Acq: 14 Dec 2020 12:10

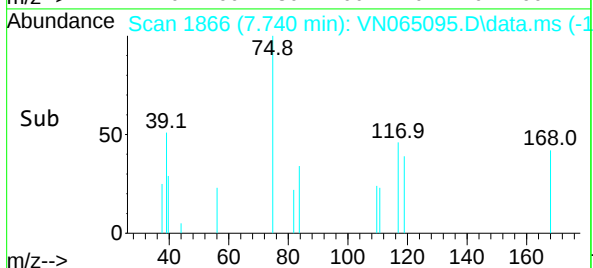
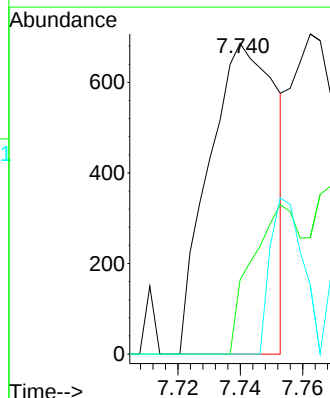
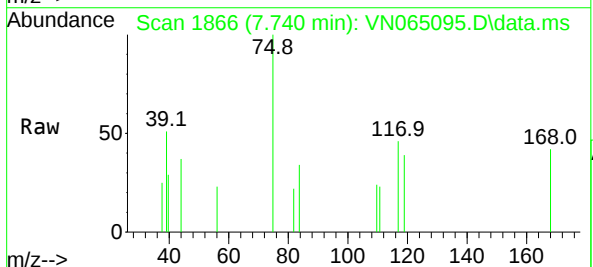
Tgt Ion: 75 Resp: 1024

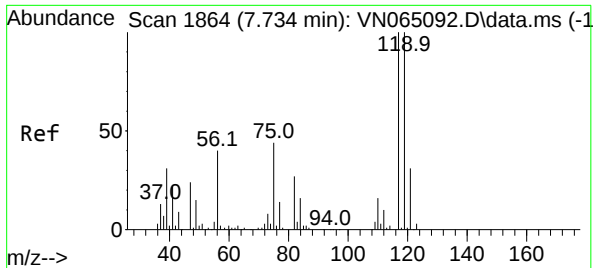
Ion Ratio Lower Upper

75 100

110 33.8 17.8 53.3

77 24.3 25.0 37.4#

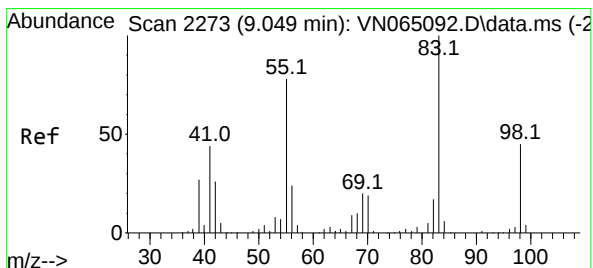
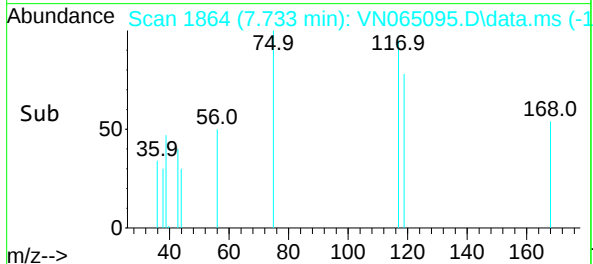
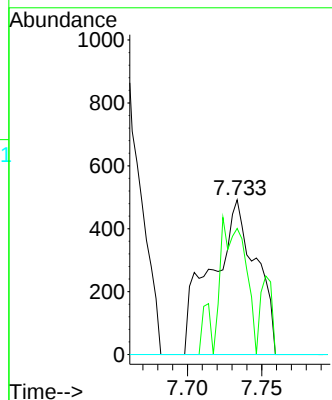
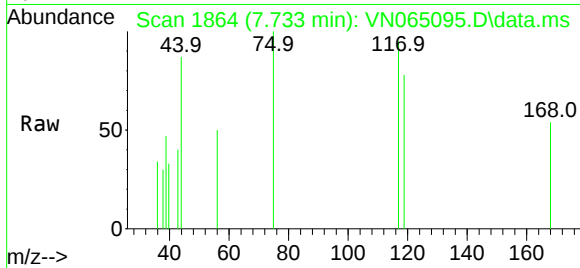




#38
Carbon Tetrachloride
Concen: 0.23 ug/l
RT: 7.733 min Scan# 1864
Delta R.T. -0.001 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

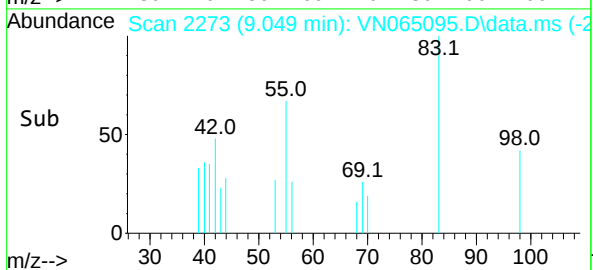
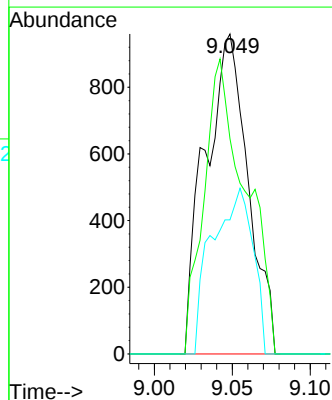
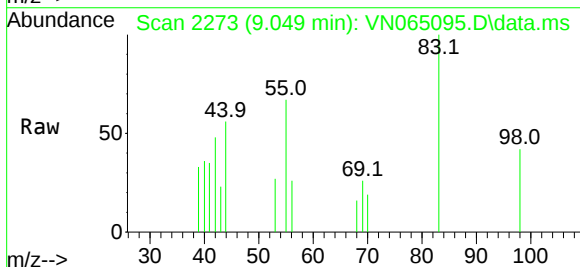
Instrument :
MSVOA_N
ClientSampleId :
IBLK

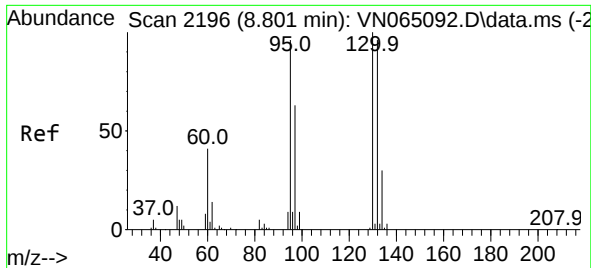
Tgt Ion:117 Resp: 1031
Ion Ratio Lower Upper
117 100
119 81.5 76.7 115.1
121 0.0 25.4 38.2#



#39
Methylcyclohexane
Concen: 0.44 ug/l
RT: 9.049 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 83 Resp: 1842
Ion Ratio Lower Upper
83 100
55 67.3 60.2 90.2
98 41.9 37.4 56.2

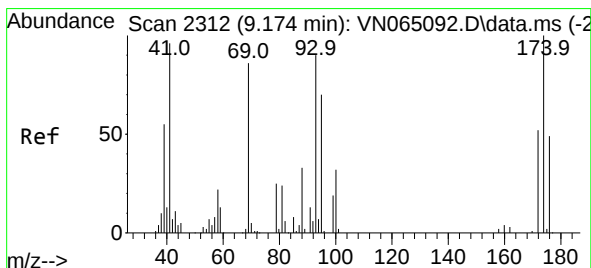
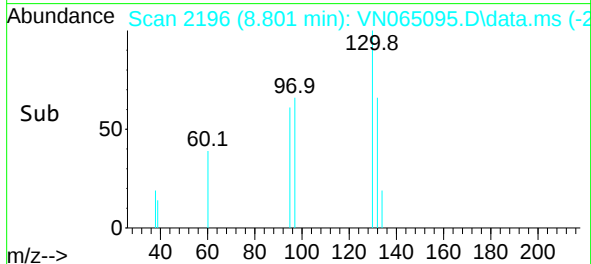
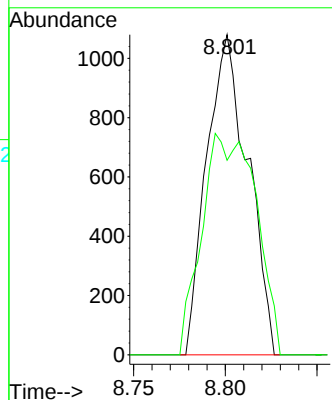
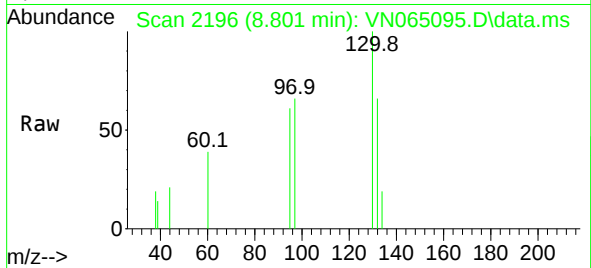




#44
 Trichloroethene
 Concen: 0.51 ug/l
 RT: 8.801 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VN065095.D
 Acq: 14 Dec 2020 12:10

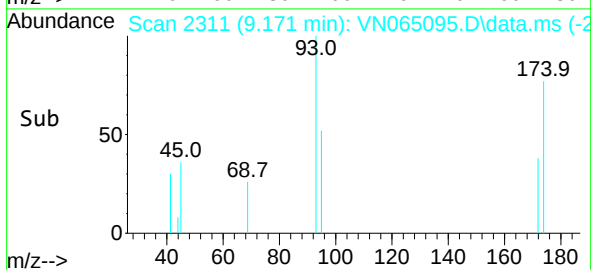
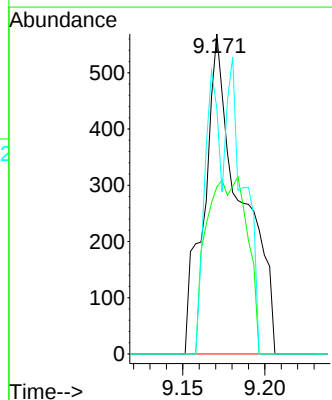
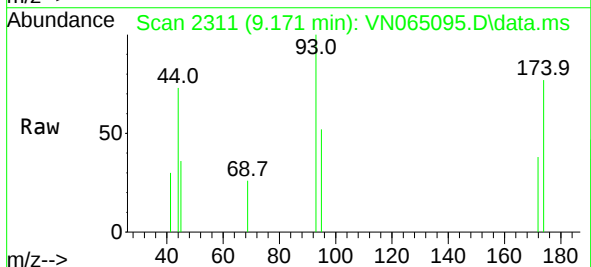
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

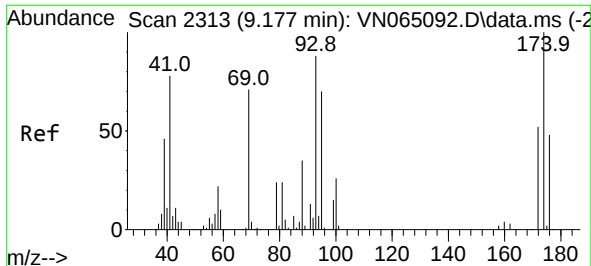
Tgt Ion:130 Resp: 1688
 Ion Ratio Lower Upper
 130 100
 95 60.7 0.0 197.8



#46
 Dibromomethane
 Concen: 0.44 ug/l
 RT: 9.171 min Scan# 2311
 Delta R.T. -0.003 min
 Lab File: VN065095.D
 Acq: 14 Dec 2020 12:10

Tgt Ion: 93 Resp: 887
 Ion Ratio Lower Upper
 93 100
 95 34.2 68.8 103.2#
 174 38.4 83.1 124.7#

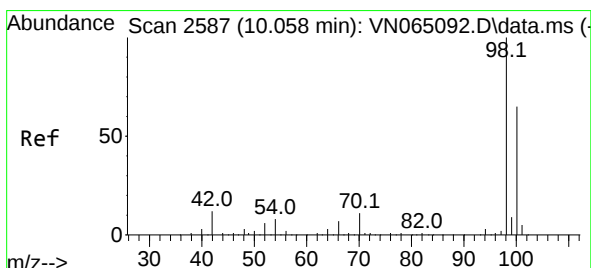
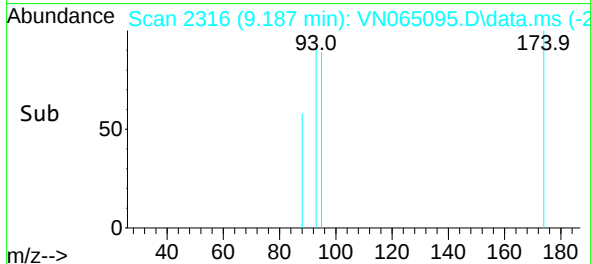
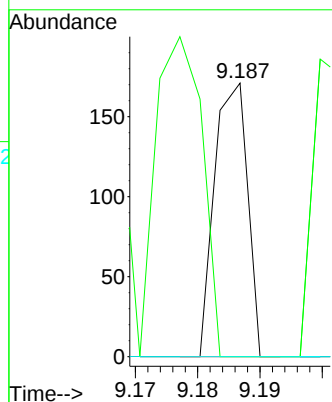
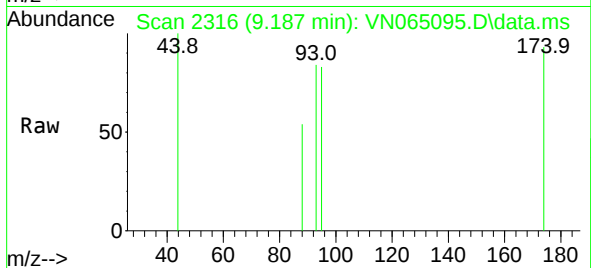




#49
1,4-Dioxane
Concen: 1.63 ug/l
RT: 9.187 min Scan# 2316
Delta R.T. 0.010 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

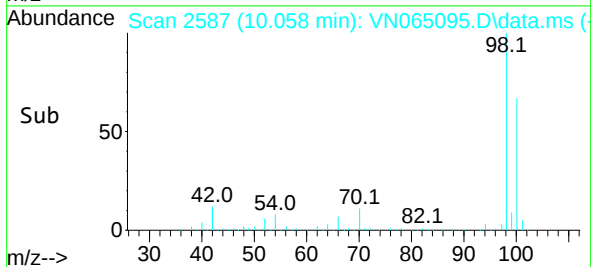
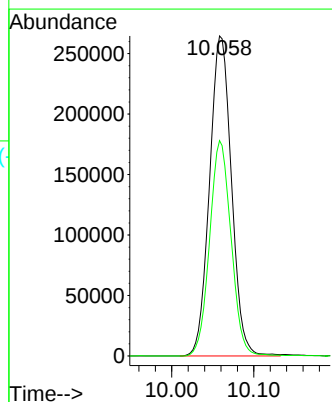
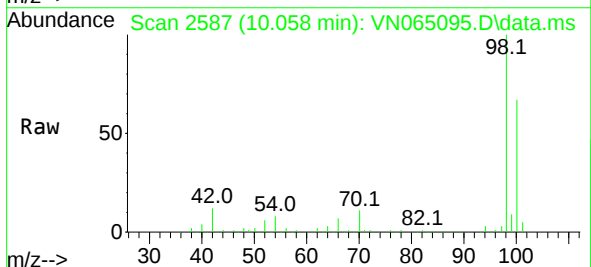
Instrument :
MSVOA_N
ClientSampled :
IBLK

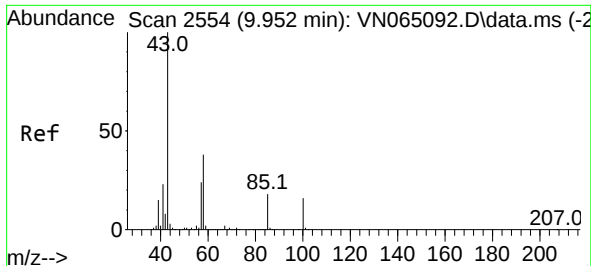
Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 163.5 24.2 36.4#
58 0.0 52.5 78.7#



#50
Toluene-d8
Concen: 49.59 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 98 Resp: 491422
Ion Ratio Lower Upper
98 100
100 65.9 51.7 77.5

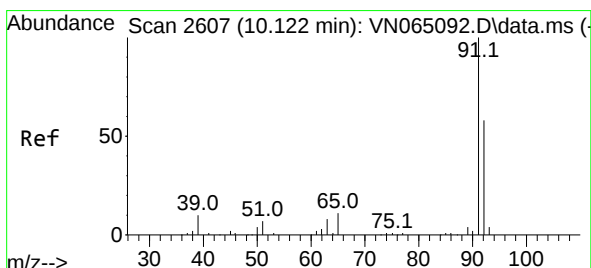
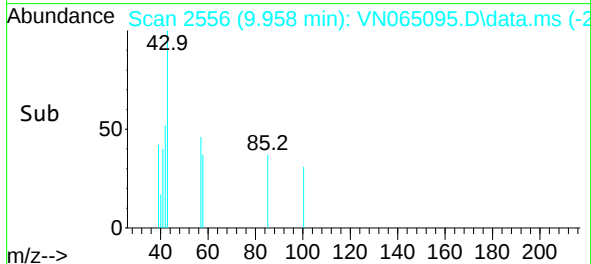
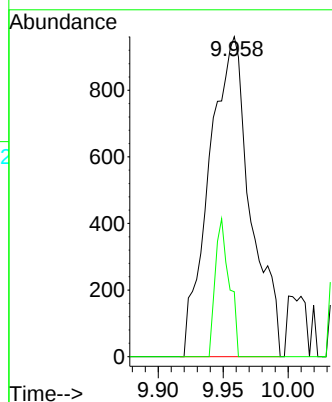
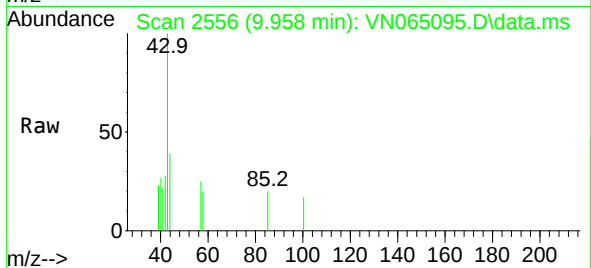




#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.006 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

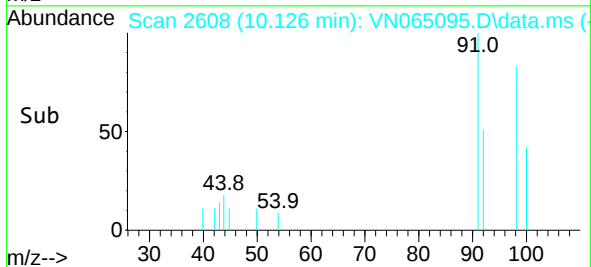
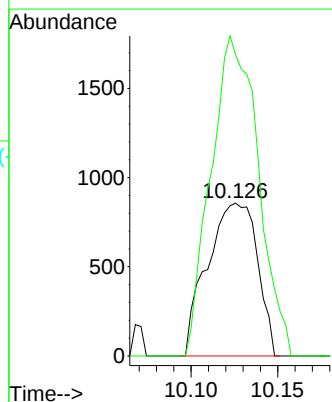
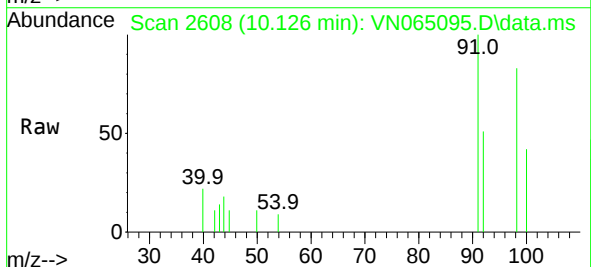
Instrument :
MSVOA_N
ClientSampleId :
IBLK

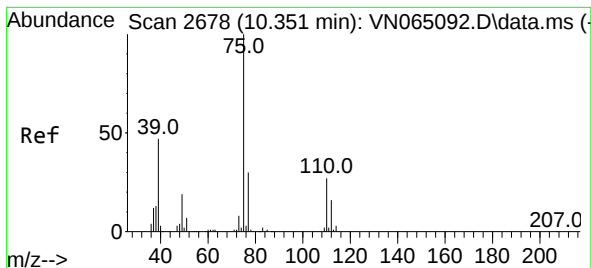
Tgt Ion: 43 Resp: 2122
Ion Ratio Lower Upper
43 100
58 14.6 32.4 48.6#



#52
Toluene
Concen: 0.25 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. 0.004 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 92 Resp: 1719
Ion Ratio Lower Upper
92 100
91 198.6 139.1 208.7

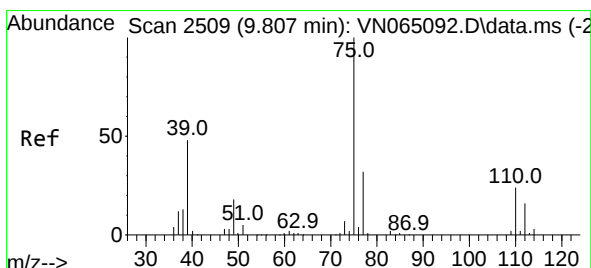
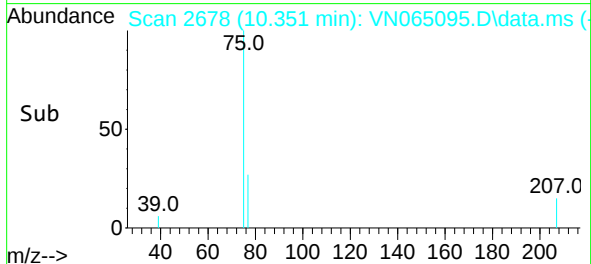
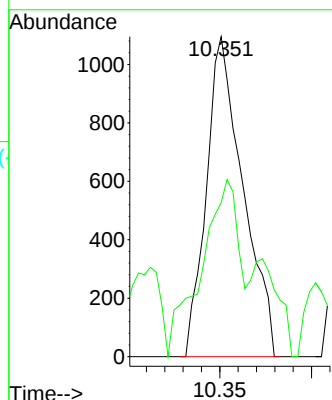
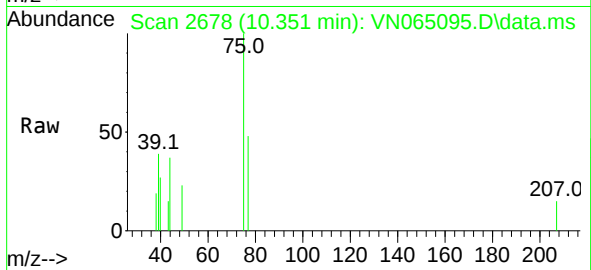




#53
t-1,3-Dichloropropene
Concen: 0.36 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

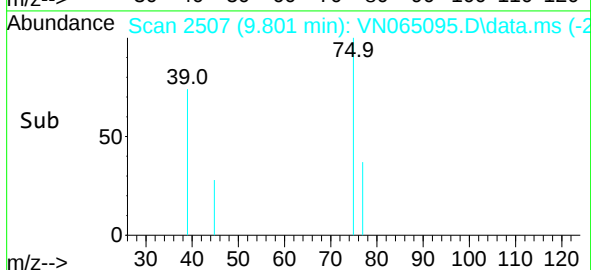
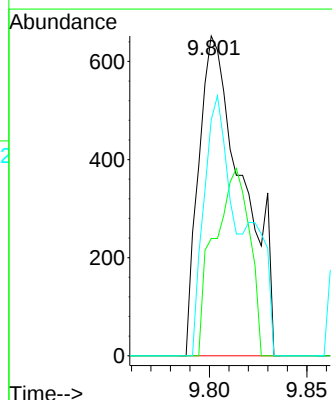
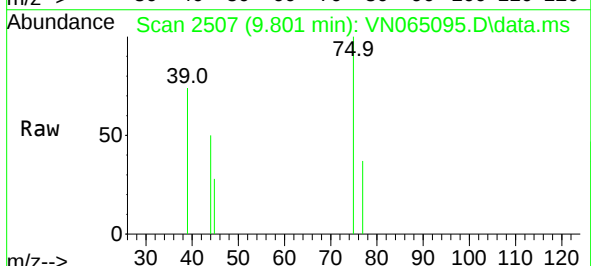
Instrument :
MSVOA_N
ClientSampled :
IBLK

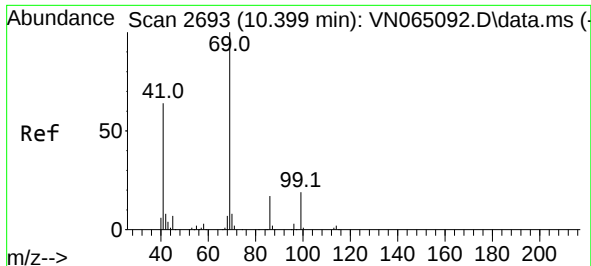
Tgt Ion: 75 Resp: 1517
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 0.22 ug/l
RT: 9.801 min Scan# 2507
Delta R.T. -0.006 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 75 Resp: 1023
Ion Ratio Lower Upper
75 100
77 36.7 25.5 38.3
39 73.8 35.6 53.4#

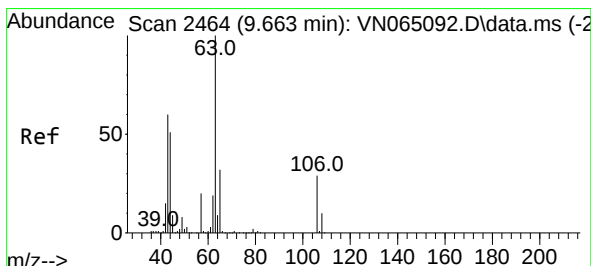
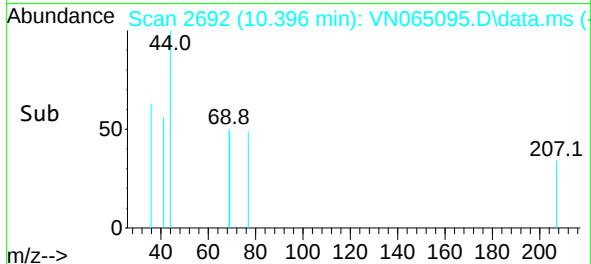
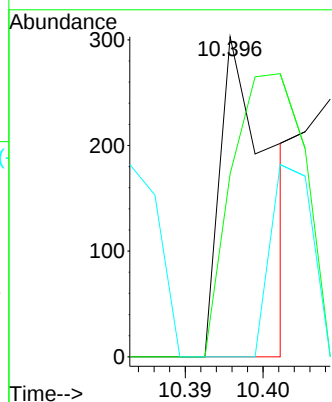
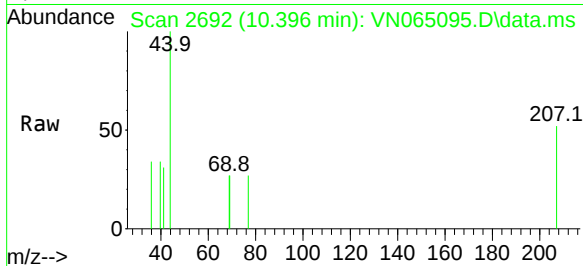




#56
Ethyl methacrylate
Concen: 1.80 ug/l
RT: 10.396 min Scan# 2692
Delta R.T. -0.003 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

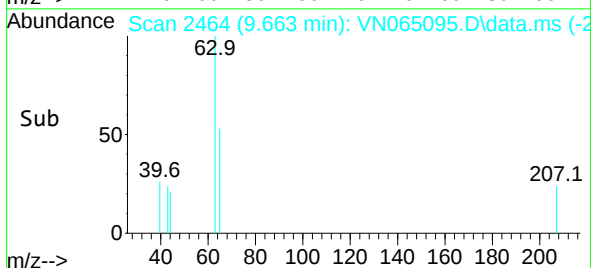
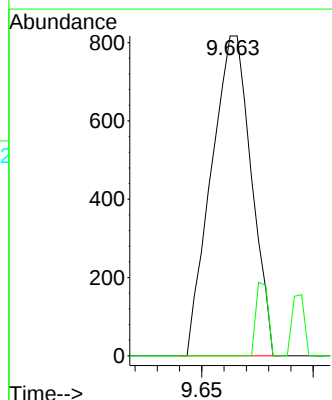
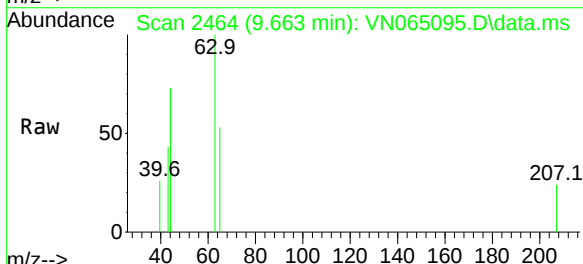
Instrument :
MSVOA_N
ClientSampled :
IBLK

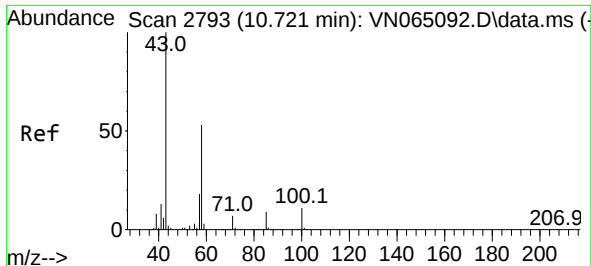
Tgt Ion:	69	Resp:	135
Ion	Ratio	Lower	Upper
69	100		
41	128.9	49.4	74.0#
39	50.4	25.9	38.9#



#58
2-Chloroethyl Vinyl ether
Concen: 0.57 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion:	63	Resp:	1024
Ion	Ratio	Lower	Upper
63	100		
106	6.9	22.7	34.1#

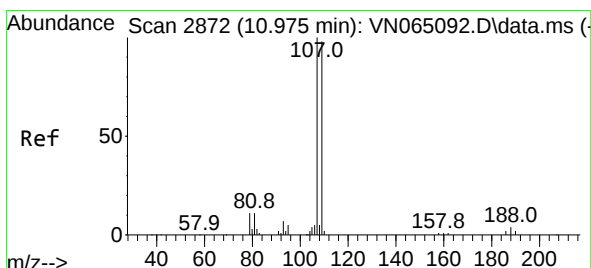
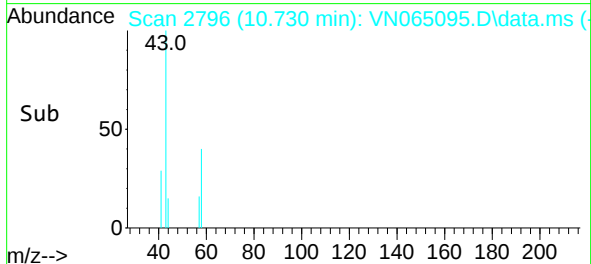
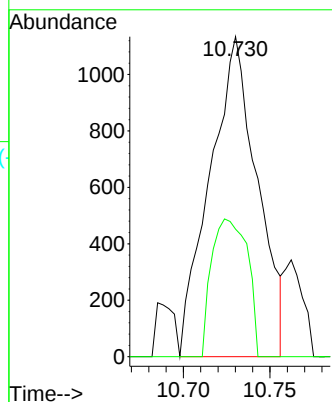
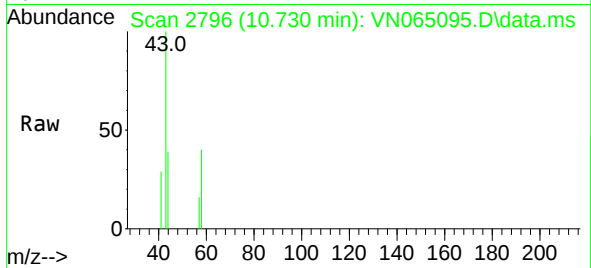




#59
2-Hexanone
Concen: 1.00 ug/l
RT: 10.730 min Scan# 2796
Delta R.T. 0.009 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

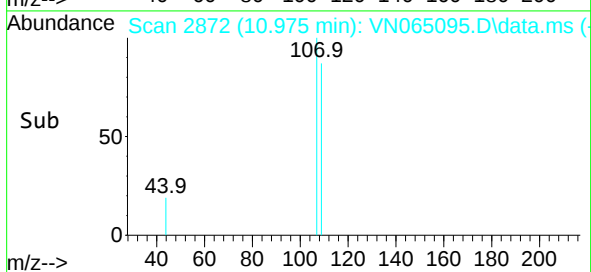
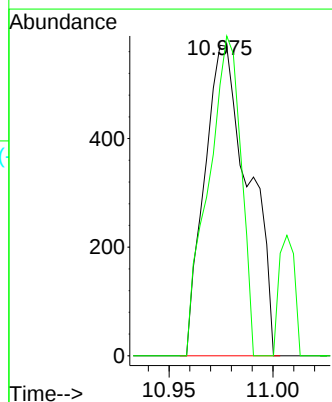
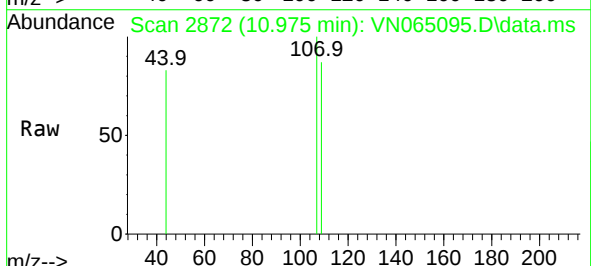
Instrument :
MSVOA_N
ClientSampleId :
IBLK

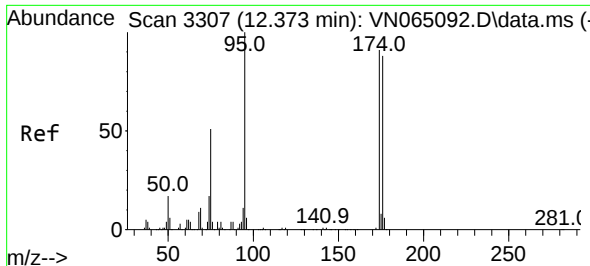
Tgt Ion: 43 Resp: 2161
Ion Ratio Lower Upper
43 100
58 32.3 28.3 84.9



#61
1,2-Dibromoethane
Concen: 0.29 ug/l
RT: 10.975 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 107 Resp: 847
Ion Ratio Lower Upper
107 100
109 75.8 76.0 114.0#

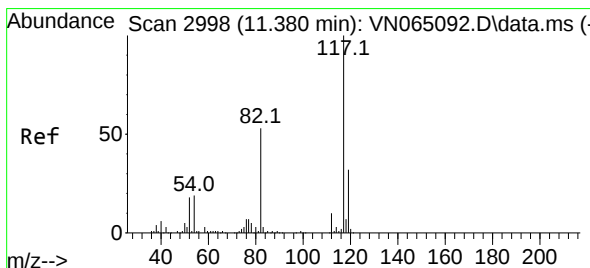
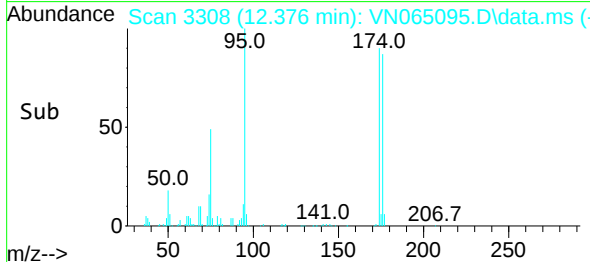
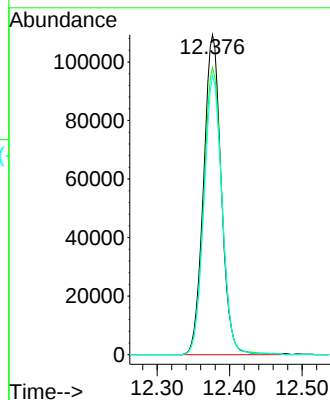
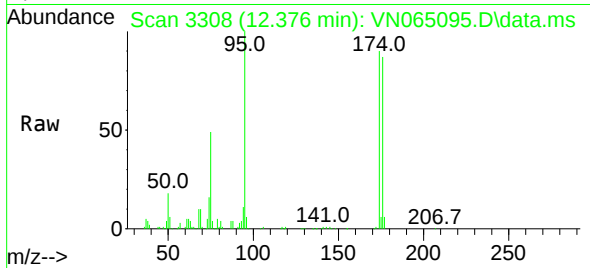




#62
4-Bromofluorobenzene
Concen: 54.13 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

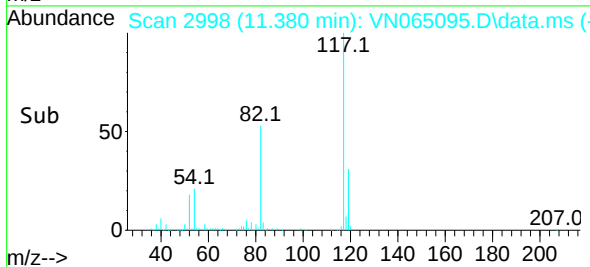
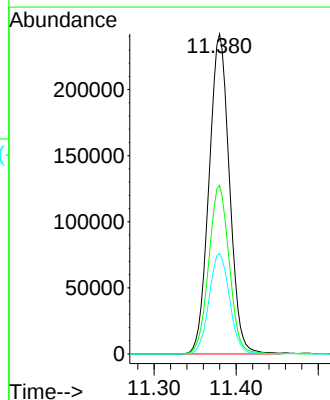
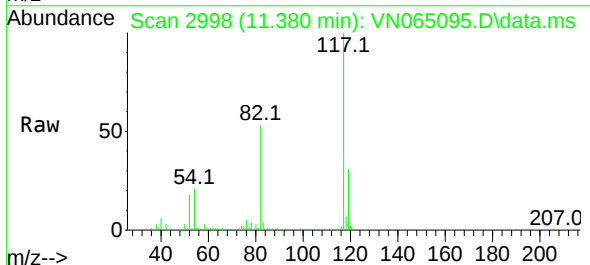
Instrument :
MSVOA_N
ClientSampled :
IBLK

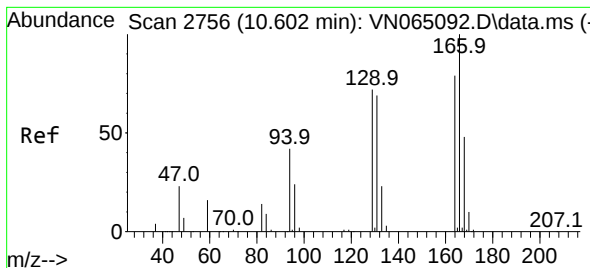
Tgt Ion: 95 Resp: 184752
Ion Ratio Lower Upper
95 100
174 92.5 0.0 160.4
176 89.0 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 117 Resp: 418268
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.3 25.8 38.6





#64

Tetrachloroethene

Concen: 0.47 ug/l

RT: 10.592 min Scan# 2753

Delta R.T. -0.010 min

Lab File: VN065095.D

Acq: 14 Dec 2020 12:10

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:164 Resp: 1969

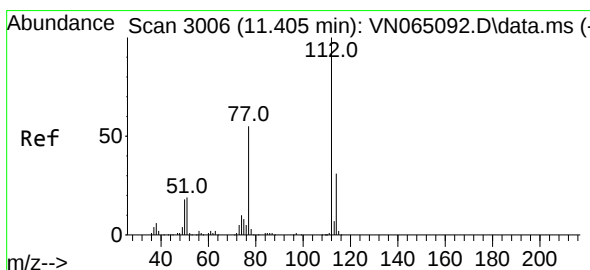
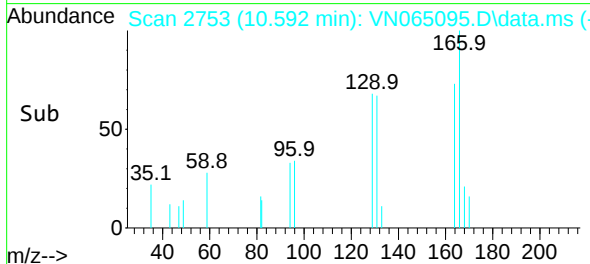
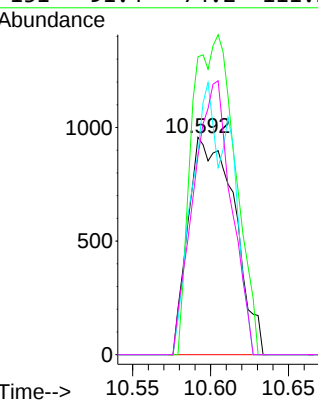
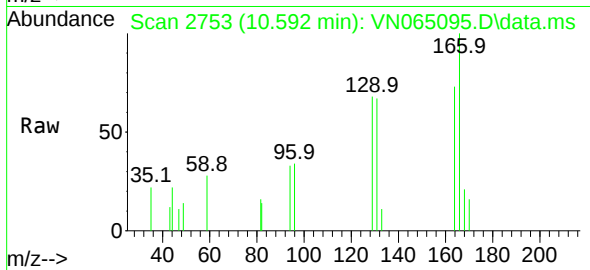
Ion Ratio Lower Upper

164 100

166 137.1 101.4 152.0

129 92.7 76.1 114.1

131 91.4 74.2 111.2



#65

Chlorobenzene

Concen: 0.35 ug/l

RT: 11.402 min Scan# 3005

Delta R.T. -0.003 min

Lab File: VN065095.D

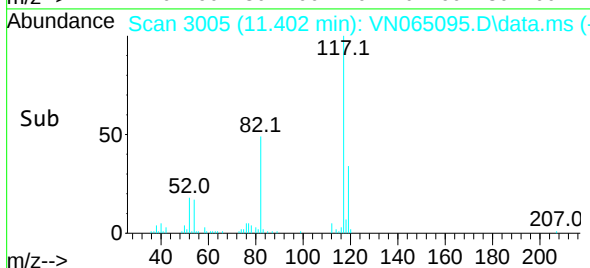
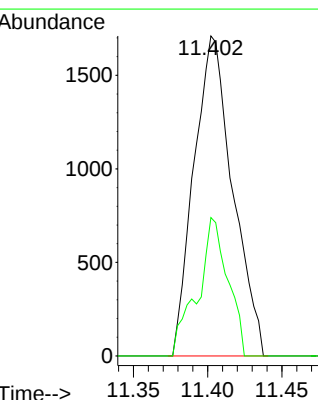
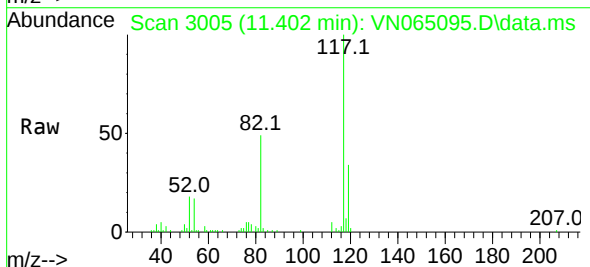
Acq: 14 Dec 2020 12:10

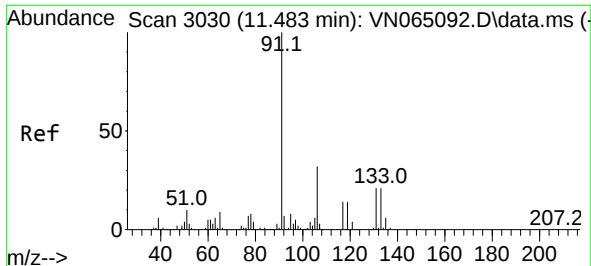
Tgt Ion:112 Resp: 3102

Ion Ratio Lower Upper

112 100

114 43.3 25.1 37.7#

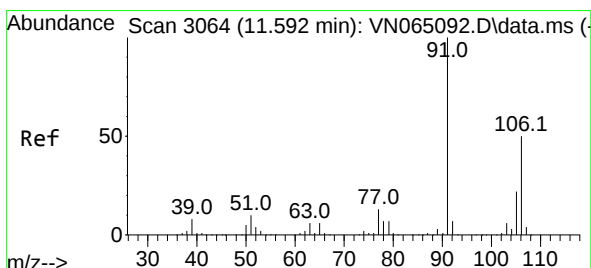
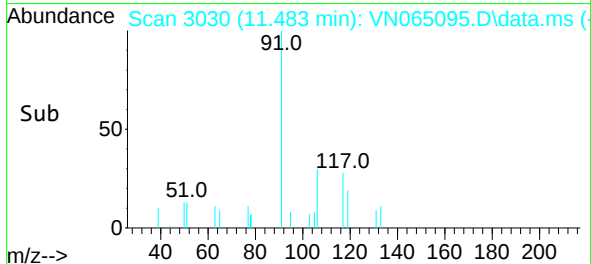
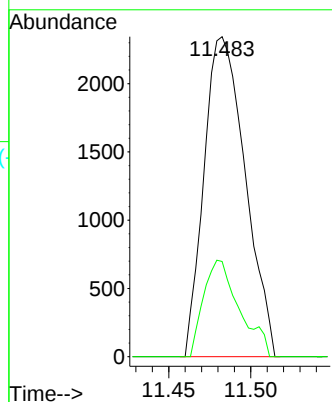
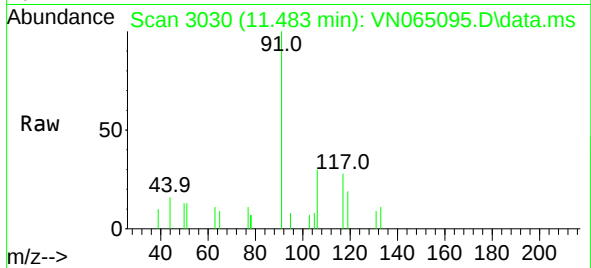




#67
Ethyl Benzene
Concen: 0.28 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

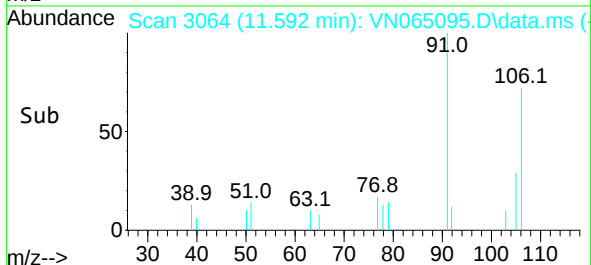
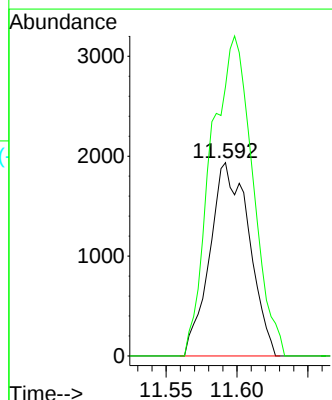
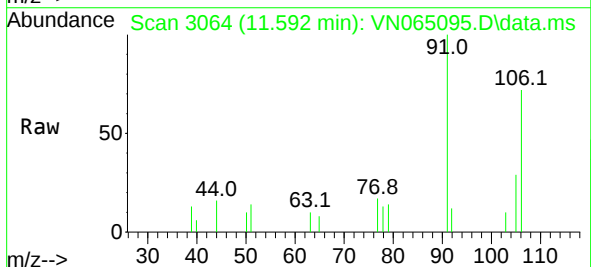
Instrument :
MSVOA_N
ClientSampled :
IBLK

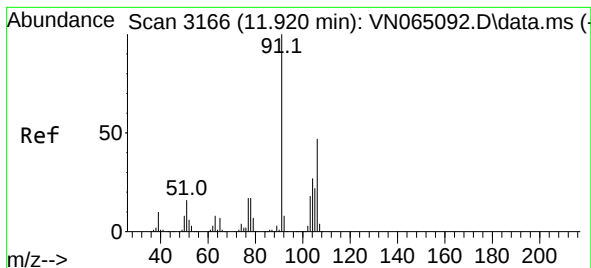
Tgt Ion: 91 Resp: 4093
Ion Ratio Lower Upper
91 100
106 29.8 25.2 37.8



#68
m/p-Xylenes
Concen: 0.67 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 106 Resp: 3732
Ion Ratio Lower Upper
106 100
91 175.6 161.0 241.4

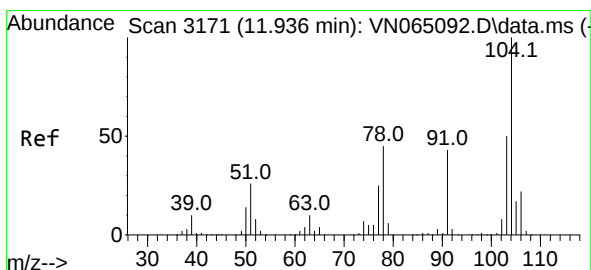
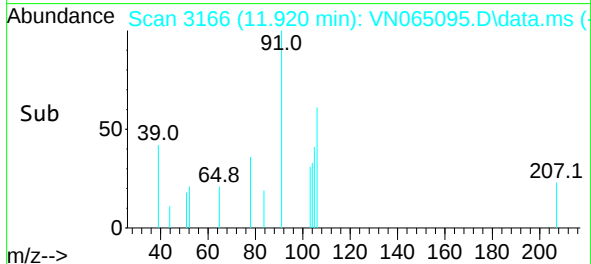
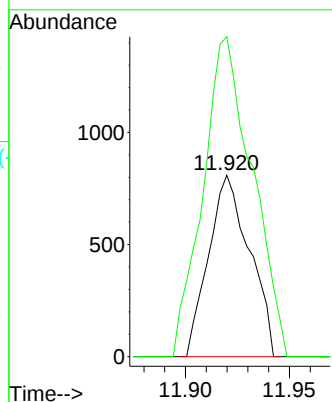
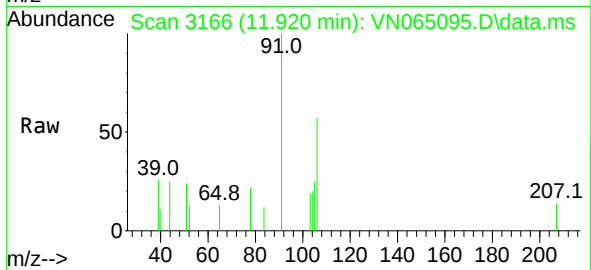




#69
o-Xylene
Concen: 0.21 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

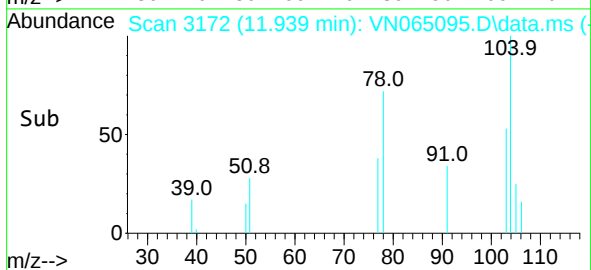
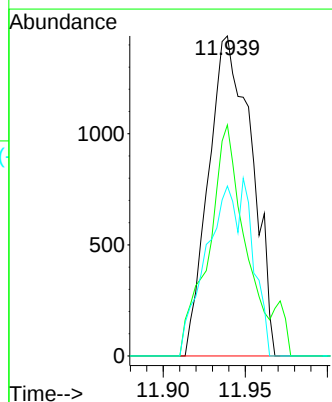
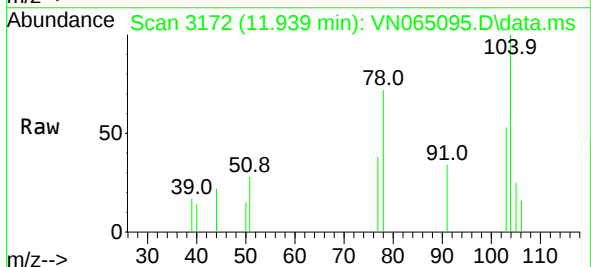
Instrument :
MSVOA_N
ClientSampled :
IBLK

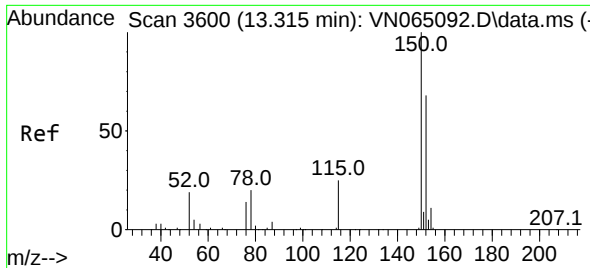
Tgt Ion:106 Resp: 1109
Ion Ratio Lower Upper
106 100
91 212.0 105.5 316.5



#70
Styrene
Concen: 1.64 ug/l
RT: 11.939 min Scan# 3172
Delta R.T. 0.003 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion:104 Resp: 2631
Ion Ratio Lower Upper
104 100
78 60.4 39.0 58.6#
103 39.1 44.3 66.5#

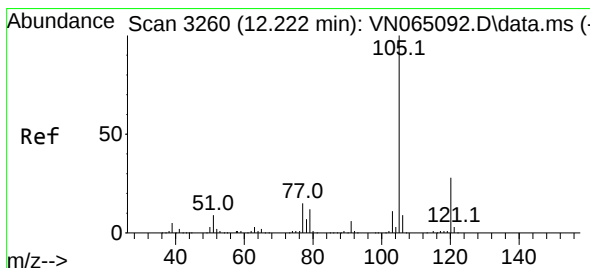
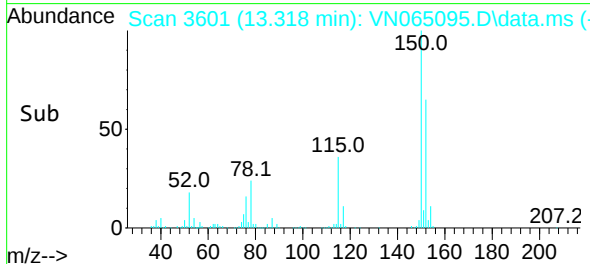
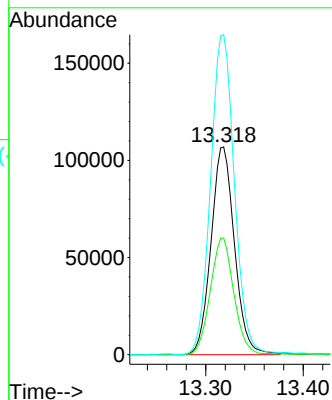
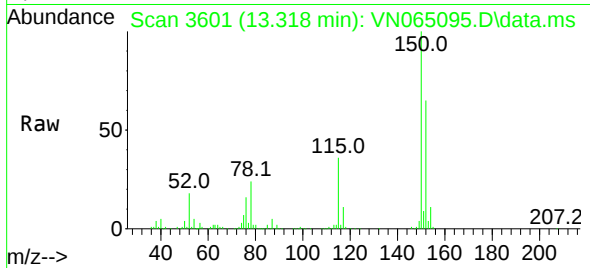




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

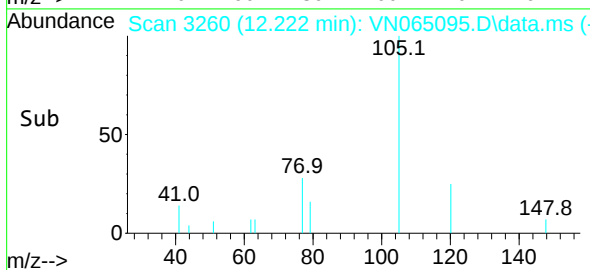
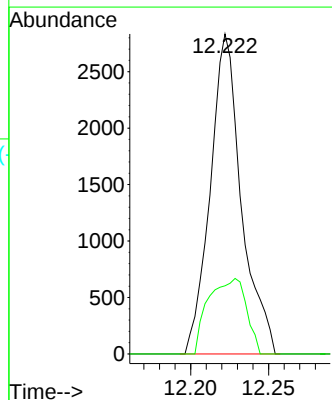
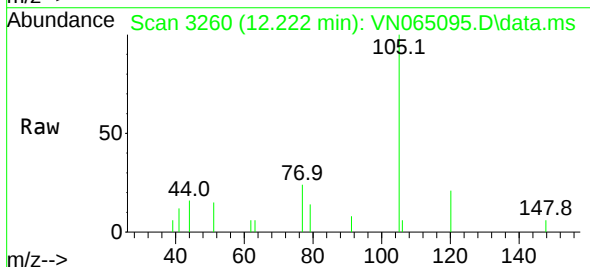
Instrument :
MSVOA_N
ClientSampled :
IBLK

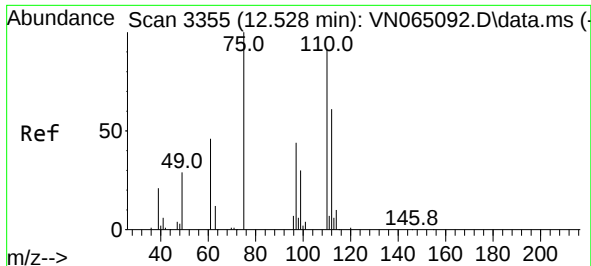
Tgt Ion:152 Resp: 178879
Ion Ratio Lower Upper
152 100
115 56.6 29.7 89.1
150 156.3 0.0 350.6



#73
Isopropylbenzene
Concen: 0.32 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion:105 Resp: 3937
Ion Ratio Lower Upper
105 100
120 28.6 13.3 39.9

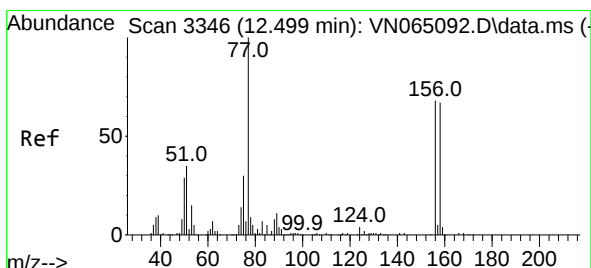
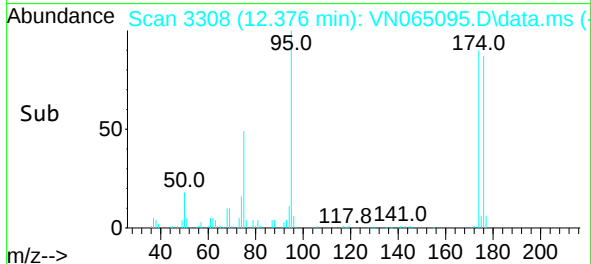
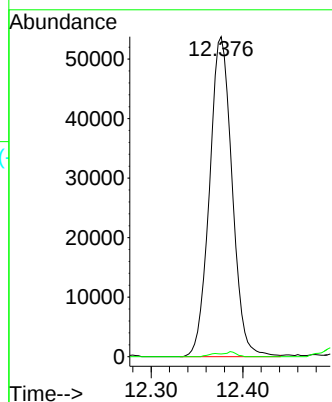
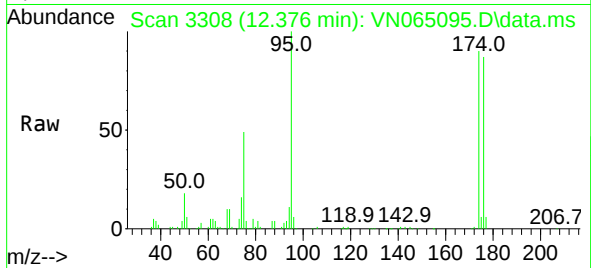




#76
1,2,3-Trichloropropane
Concen: 28.71 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.152 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

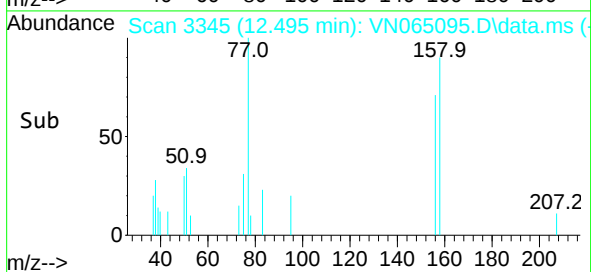
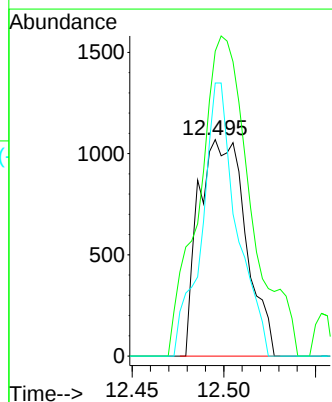
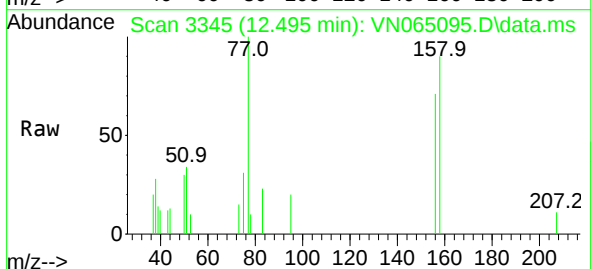
Instrument :
MSVOA_N
ClientSampled :
IBLK

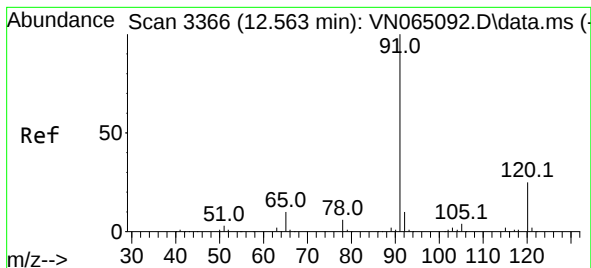
Tgt Ion: 75 Resp: 92142
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#77
Bromobenzene
Concen: 0.56 ug/l
RT: 12.495 min Scan# 3345
Delta R.T. -0.004 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 156 Resp: 1907
Ion Ratio Lower Upper
156 100
77 161.9 101.3 303.7
158 93.9 48.2 144.6





#78

n-propylbenzene

Concen: 0.55 ug/l

RT: 12.566 min Scan# 3367

Delta R.T. 0.003 min

Lab File: VN065095.D

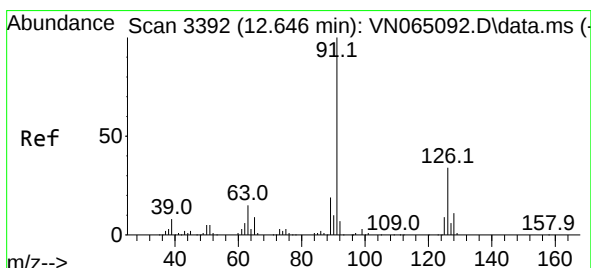
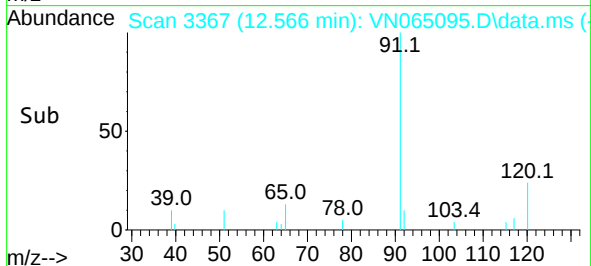
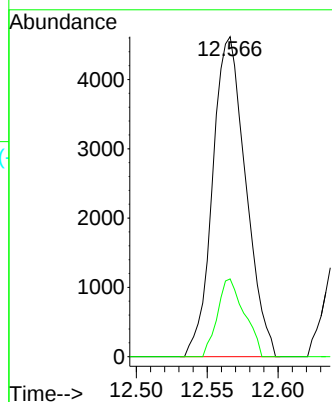
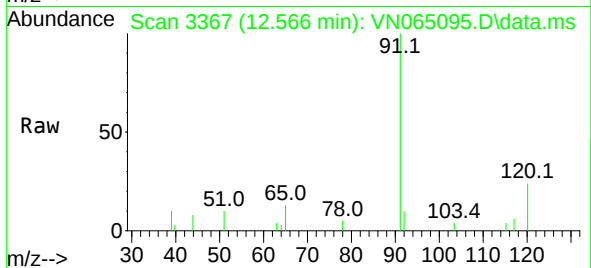
Acq: 14 Dec 2020 12:10

Tgt Ion: 91 Resp: 7511

Ion Ratio Lower Upper

91 100

120 19.7 11.6 34.7



#79

2-Chlorotoluene

Concen: 0.47 ug/l

RT: 12.646 min Scan# 3392

Delta R.T. 0.000 min

Lab File: VN065095.D

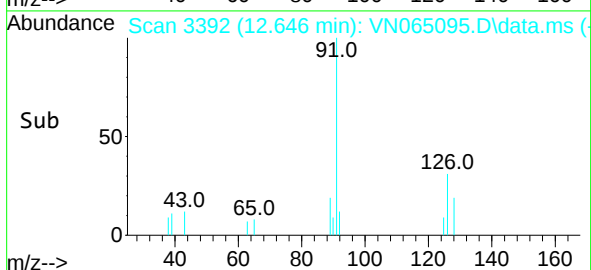
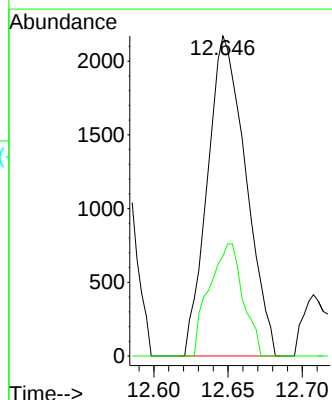
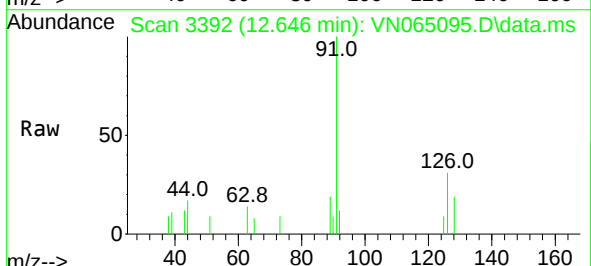
Acq: 14 Dec 2020 12:10

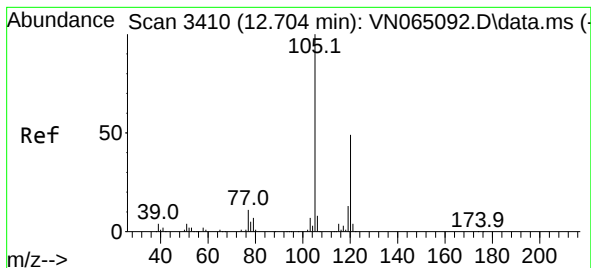
Tgt Ion: 91 Resp: 3893

Ion Ratio Lower Upper

91 100

126 30.8 17.2 51.6

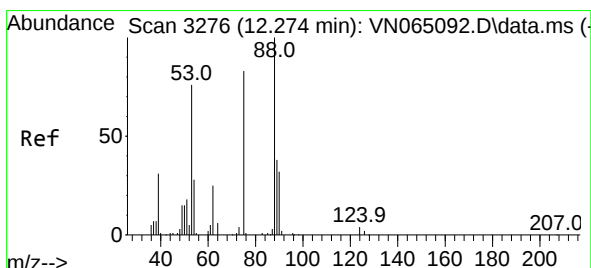
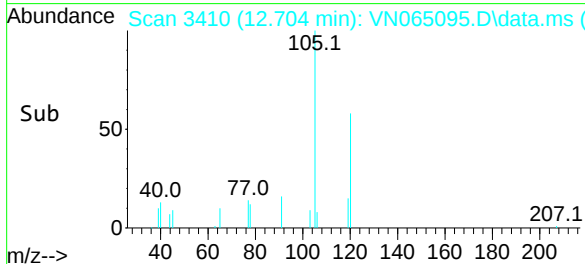
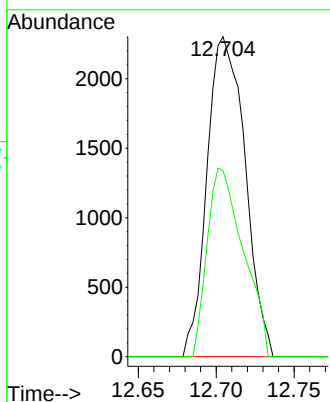
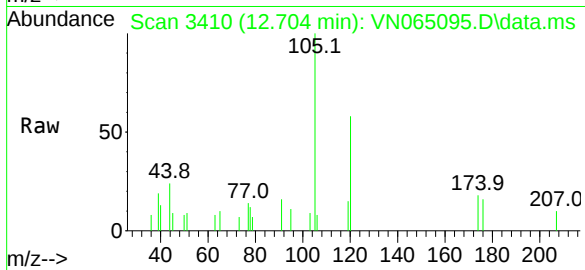




#80
1,3,5-Trimethylbenzene
Concen: 0.38 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

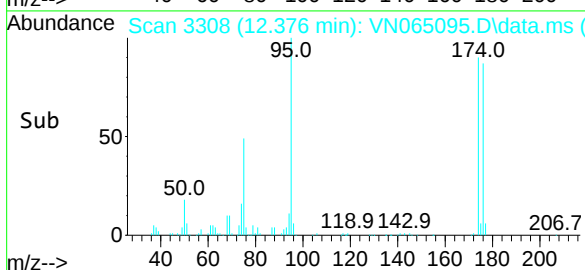
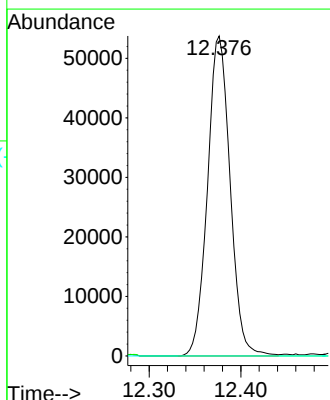
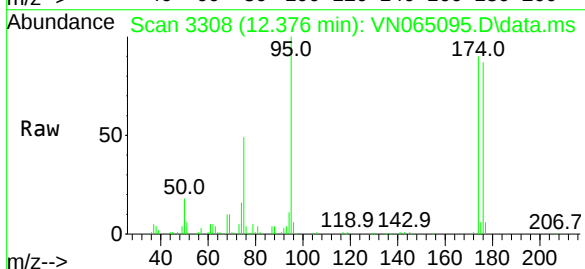
Instrument :
MSVOA_N
ClientSampled :
IBLK

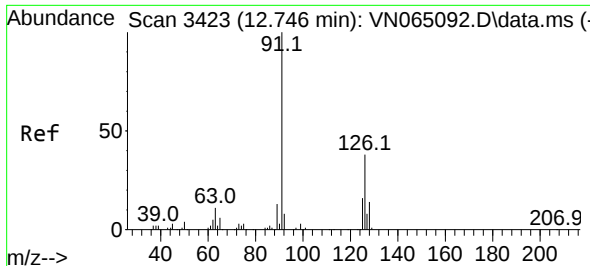
Tgt Ion:105 Resp: 3907
Ion Ratio Lower Upper
105 100
120 56.2 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 79.88 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 75 Resp: 92142
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

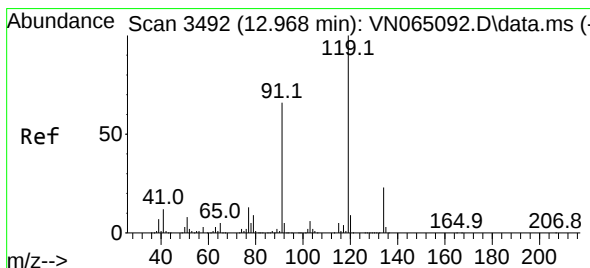
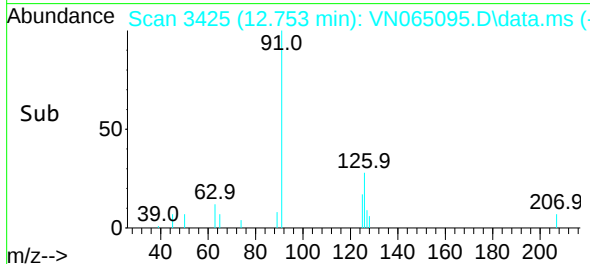
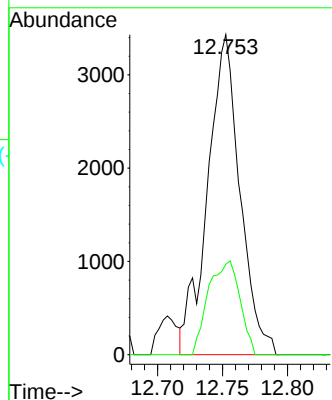
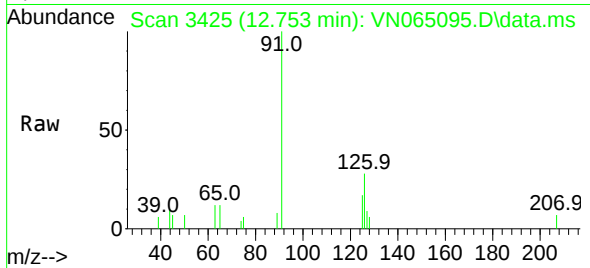




#82
4-Chlorotoluene
Concen: 0.70 ug/l
RT: 12.753 min Scan# 3425
Delta R.T. 0.007 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

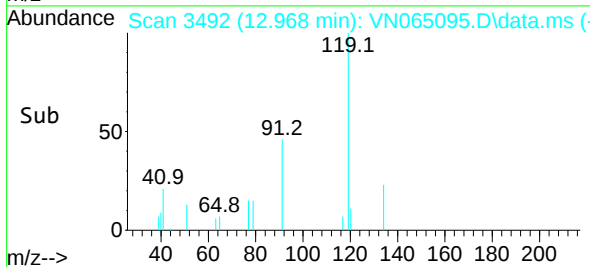
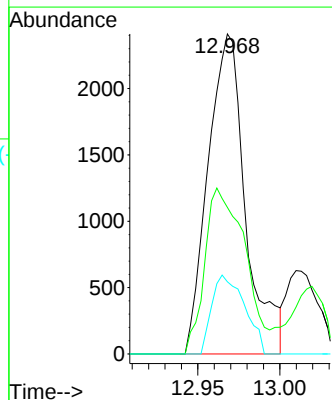
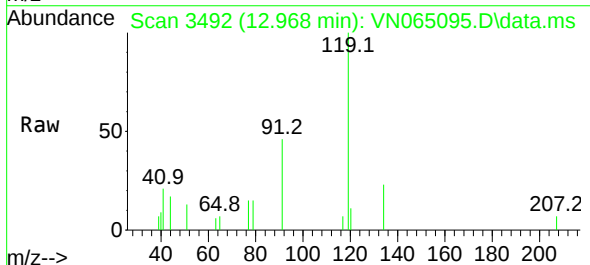
Instrument :
MSVOA_N
ClientSampled :
IBLK

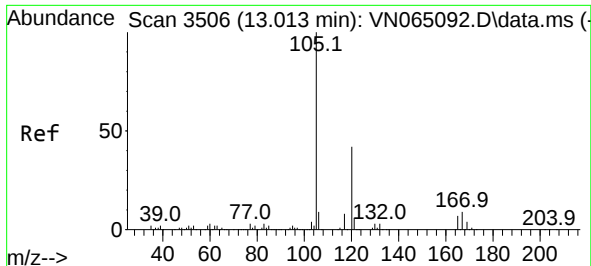
Tgt Ion: 91 Resp: 5948
Ion Ratio Lower Upper
91 100
126 28.4 16.9 50.7



#83
tert-Butylbenzene
Concen: 0.44 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. 0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 119 Resp: 3826
Ion Ratio Lower Upper
119 100
91 55.8 32.3 96.8
134 21.6 12.6 37.6

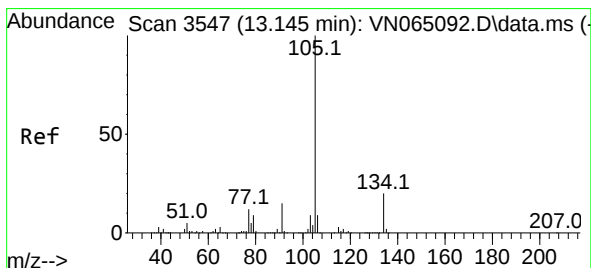
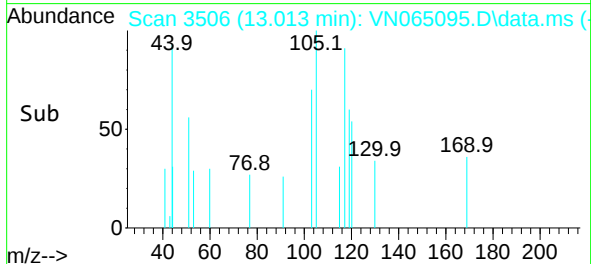
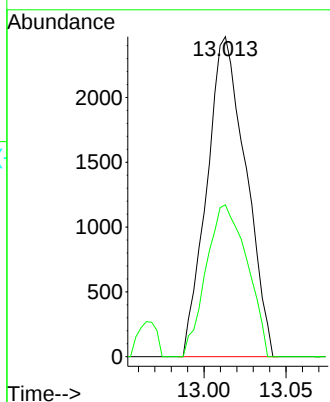
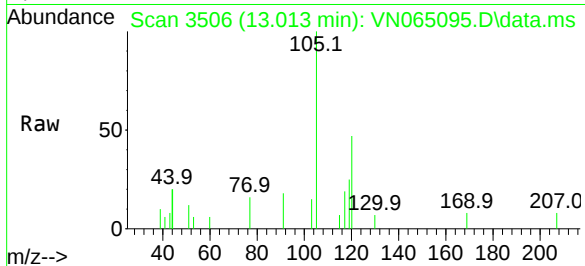




#84
1,2,4-Trimethylbenzene
Concen: 0.40 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

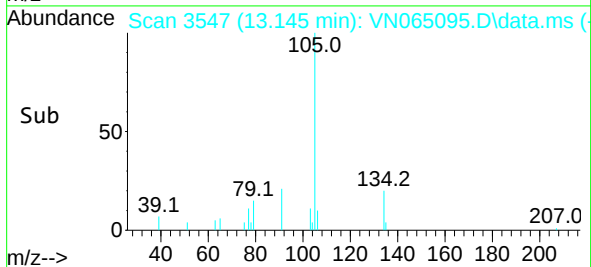
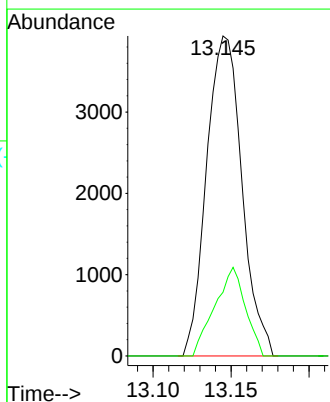
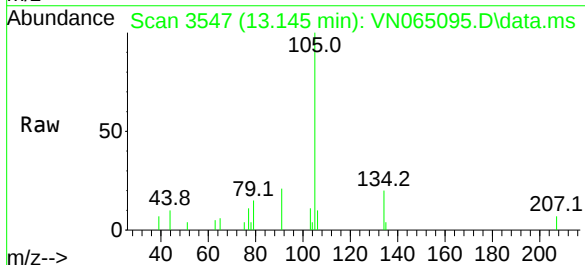
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MSVOA_N
ClientSampled :
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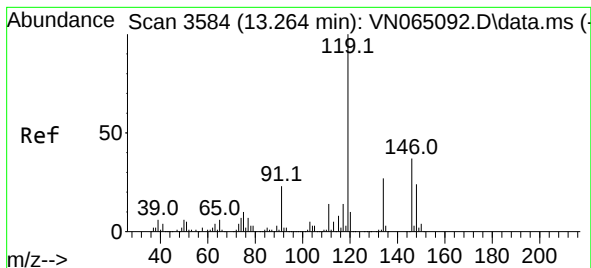
Tgt Ion:105 Resp: 4075
Ion Ratio Lower Upper
105 100
120 49.7 23.1 69.2



#85
sec-Butylbenzene
Concen: 0.56 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion:105 Resp: 6192
Ion Ratio Lower Upper
105 100
134 24.0 10.1 30.1

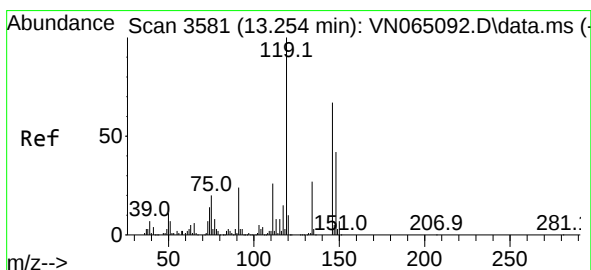
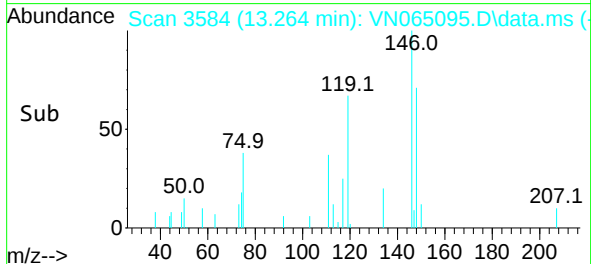
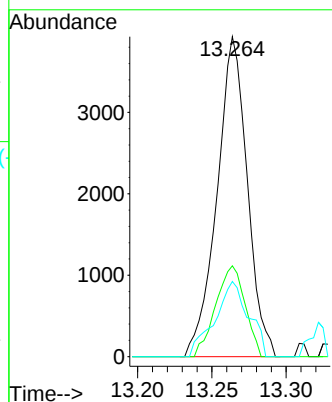
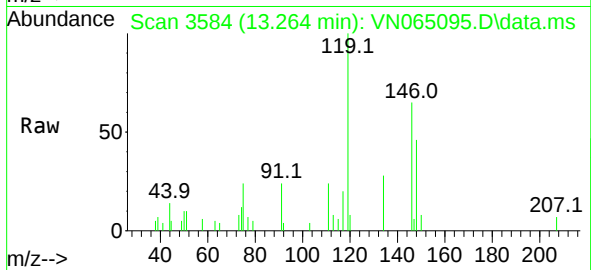




#86
p-Isopropyltoluene
Concen: 1.54 ug/l
RT: 13.264 min Scan# 3584
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

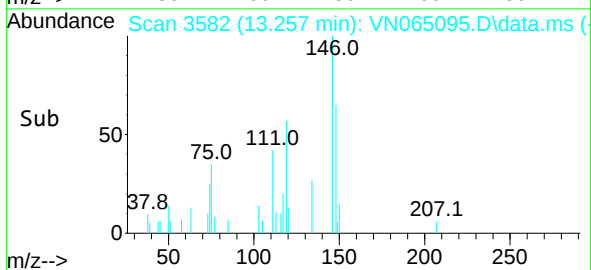
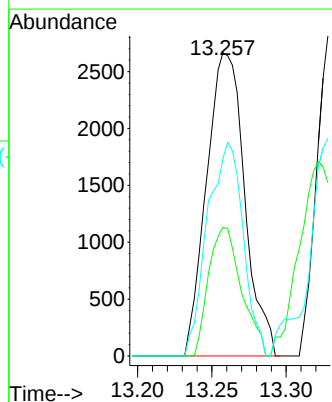
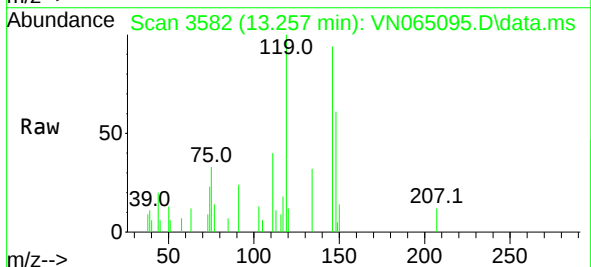
Instrument :
MSVOA_N
ClientSampled :
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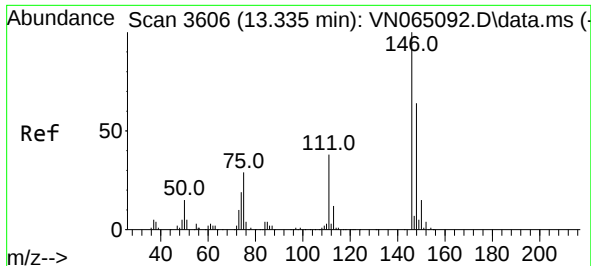
Tgt Ion:	119	Resp:	5571
Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.1	39.1
91	26.3	11.5	34.5



#87
1,3-Dichlorobenzene
Concen: 0.82 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.003 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion:	146	Resp:	4755
Ion	Ratio	Lower	Upper
146	100		
111	36.7	20.6	61.9
148	65.9	31.9	95.5

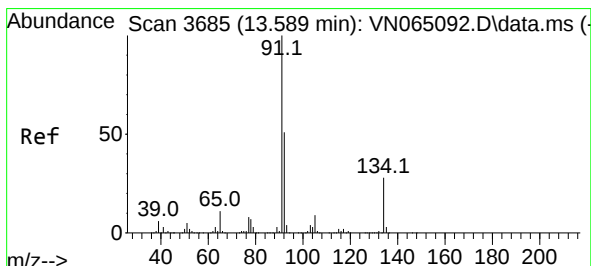
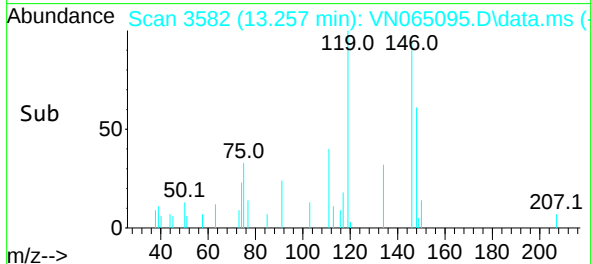
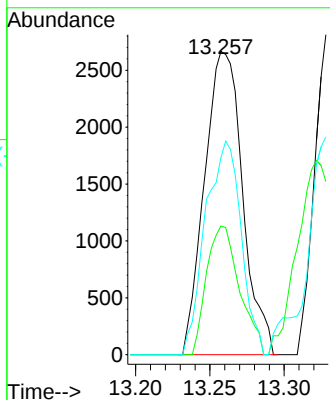
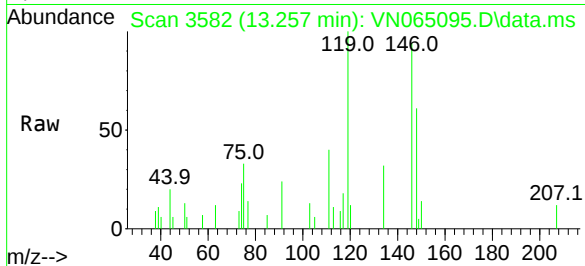




#88
1,4-Dichlorobenzene
Concen: 0.81 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. -0.078 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

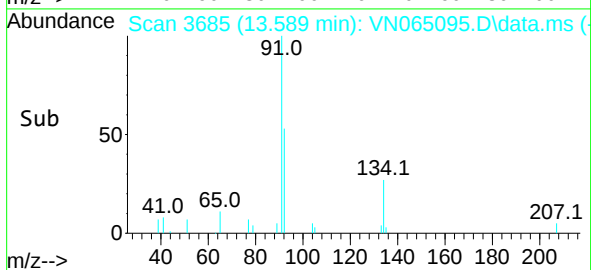
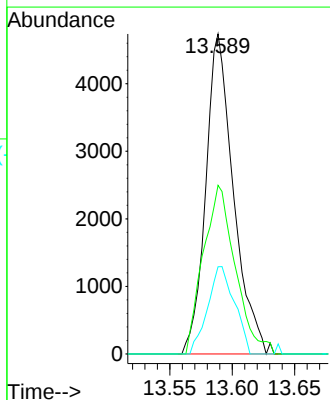
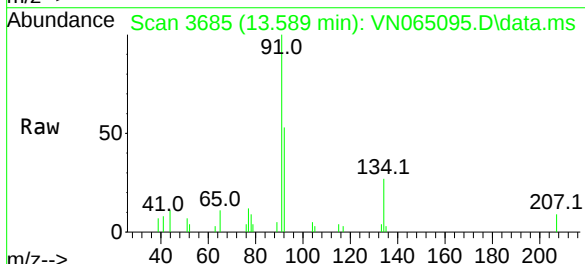
Instrument :
MSVOA_N
ClientSampled :
IBLK

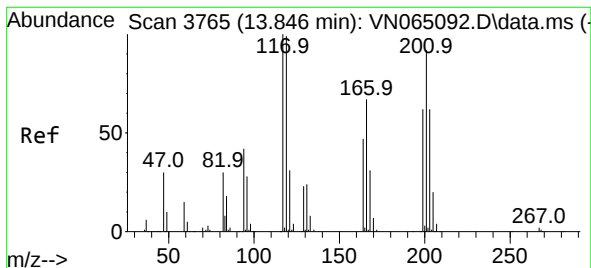
Tgt Ion:	146	Resp:	4755
Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.8	59.3
148	65.9	31.9	95.5



#89
n-Butylbenzene
Concen: 0.85 ug/l
RT: 13.589 min Scan# 3685
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion:	91	Resp:	7341
Ion	Ratio	Lower	Upper
91	100		
92	60.7	26.0	78.0
134	26.4	12.9	38.6

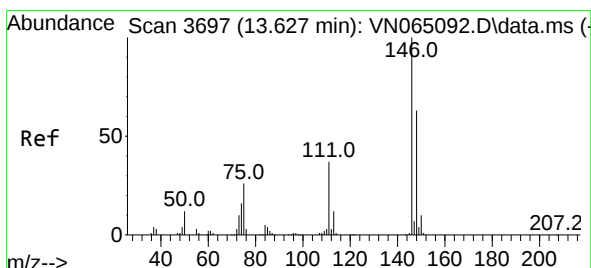
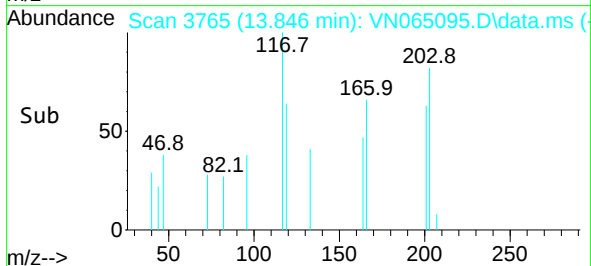
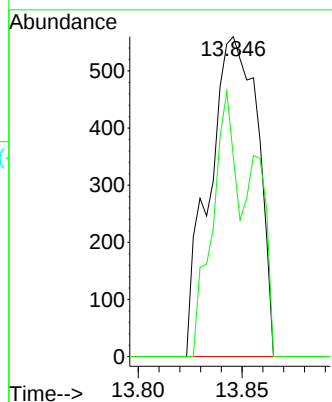
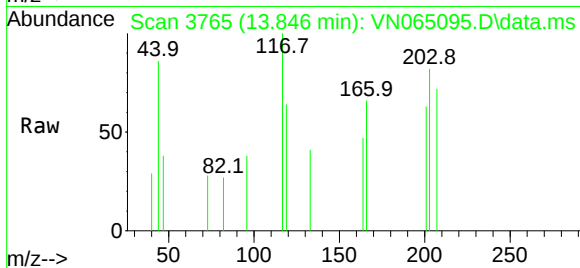




#90
Hexachloroethane
Concen: 0.48 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

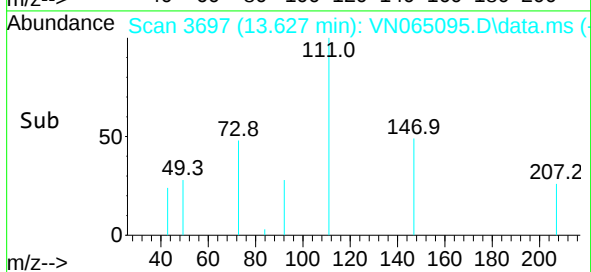
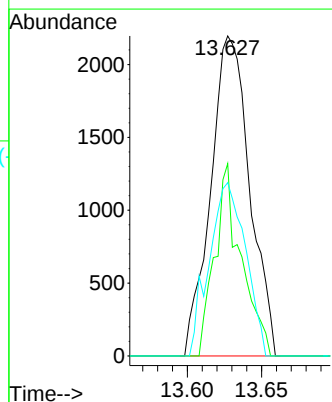
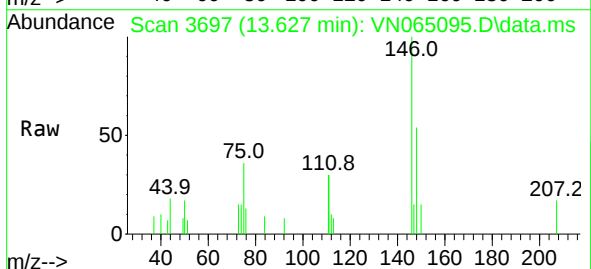
Instrument :
MSVOA_N
ClientSampled :
IBLK

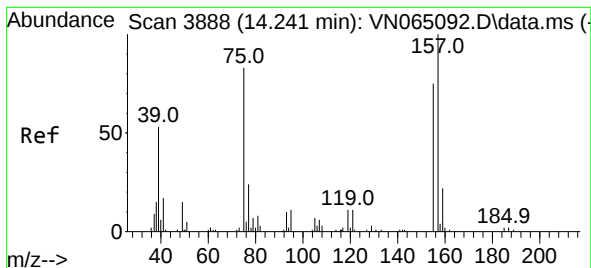
Tgt Ion:117 Resp: 907
Ion Ratio Lower Upper
117 100
201 42.1 40.1 120.3



#91
1,2-Dichlorobenzene
Concen: 0.69 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

Tgt Ion:146 Resp: 4012
Ion Ratio Lower Upper
146 100
111 40.5 21.1 63.1
148 50.5 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.50 ug/l

RT: 14.244 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VN065095.D

Acq: 14 Dec 2020 12:10

Tgt Ion: 75 Resp: 357

Ion Ratio Lower Upper

75 100

155 52.4 42.8 128.3

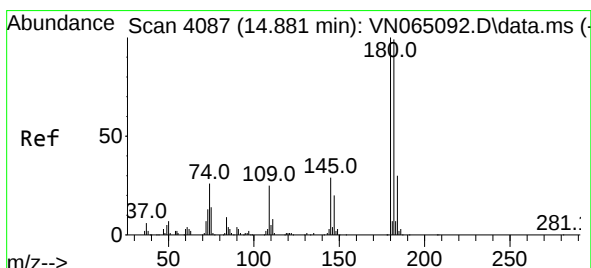
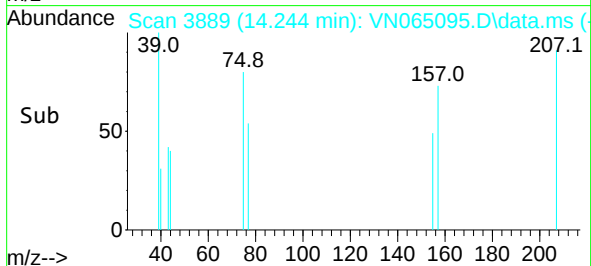
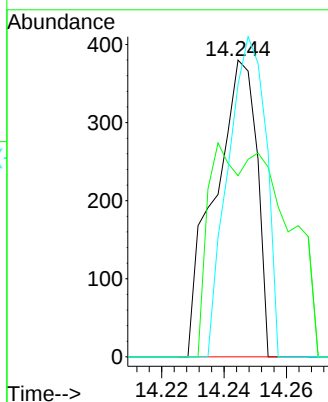
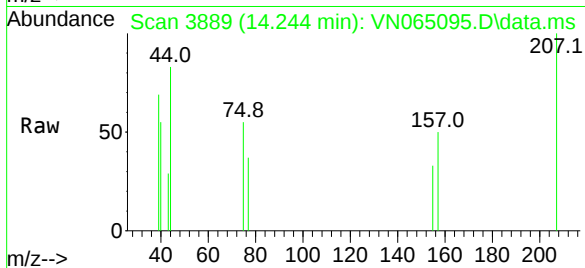
157 96.6 56.4 169.1

Instrument :

MSVOA_N

ClientSampleId :

IBLK



#93

1,2,4-Trichlorobenzene

Concen: 5.12 ug/l

RT: 14.884 min Scan# 4088

Delta R.T. 0.003 min

Lab File: VN065095.D

Acq: 14 Dec 2020 12:10

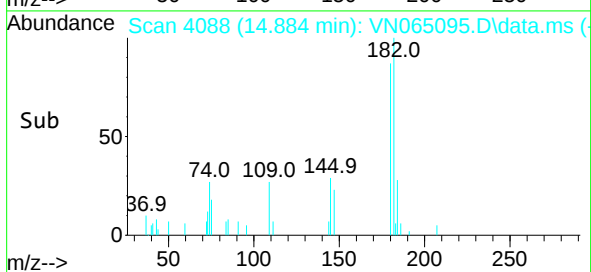
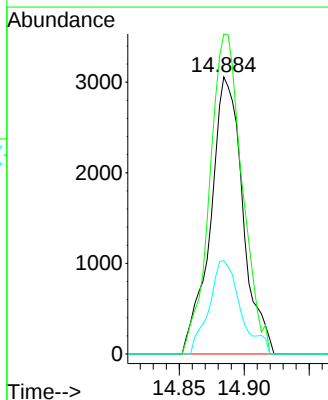
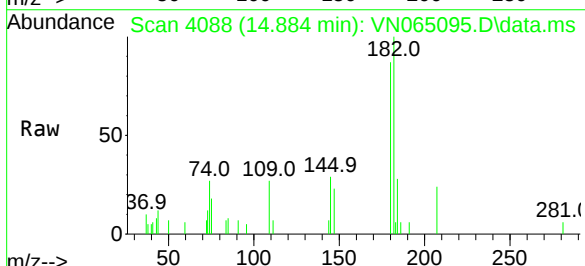
Tgt Ion:180 Resp: 5285

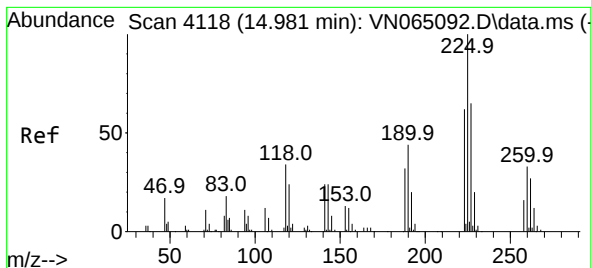
Ion Ratio Lower Upper

180 100

182 116.3 47.6 142.9

145 32.9 15.3 45.8

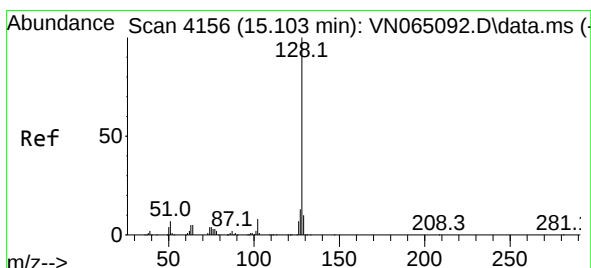
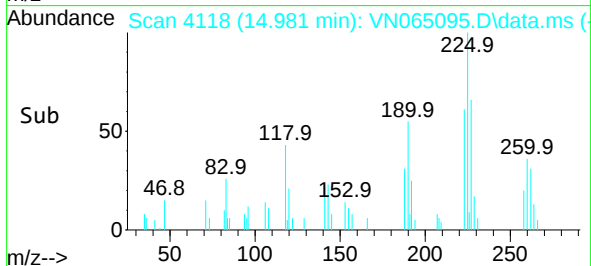
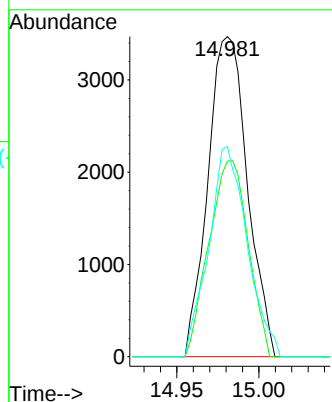
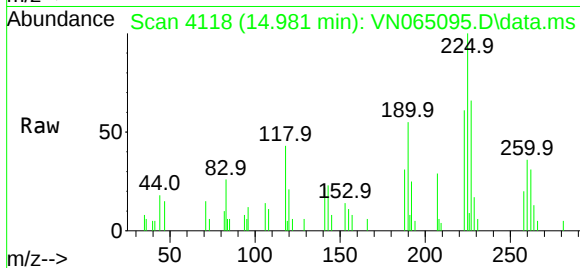




#94
Hexachlorobutadiene
Concen: 2.94 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

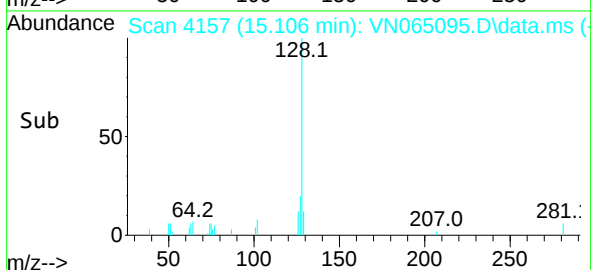
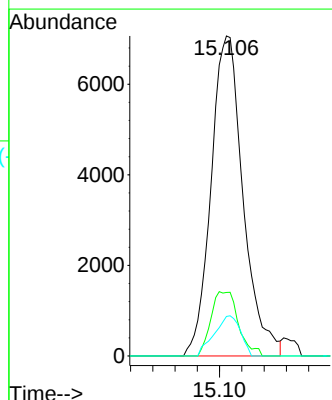
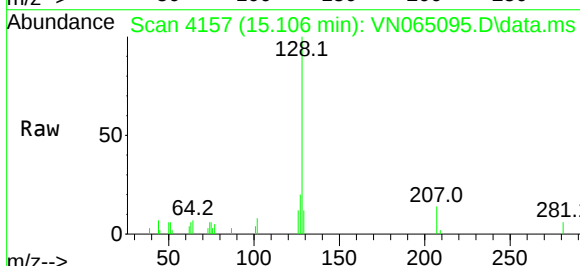
Instrument :
MSVOA_N
ClientSampleId :
IBLK

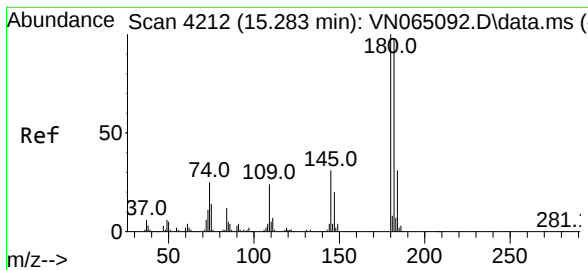
Tgt Ion:	225	Resp:	5812
Ion	Ratio	Lower	Upper
225	100		
223	60.7	31.0	93.0
227	63.6	32.0	96.0



#95
Naphthalene
Concen: 5.64 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.003 min
Lab File: VN065095.D
Acq: 14 Dec 2020 12:10

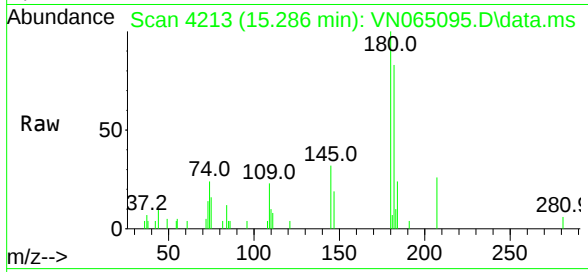
Tgt Ion:	128	Resp:	14114
Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.3	15.5#
129	10.2	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 6.23 ug/l
 RT: 15.286 min Scan# 4213
 Delta R.T. 0.003 min
 Lab File: VN065095.D
 Acq: 14 Dec 2020 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	7679
Ion	Ratio	Lower	Upper
180	100		
182	87.7	48.1	144.4
145	30.4	16.4	49.1

