

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066052.D
 Acq On : 26 Feb 2021 15:34
 Operator : JC/MD
 Sample : PB134838TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134838TB

Quant Time: Feb 26 23:34:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

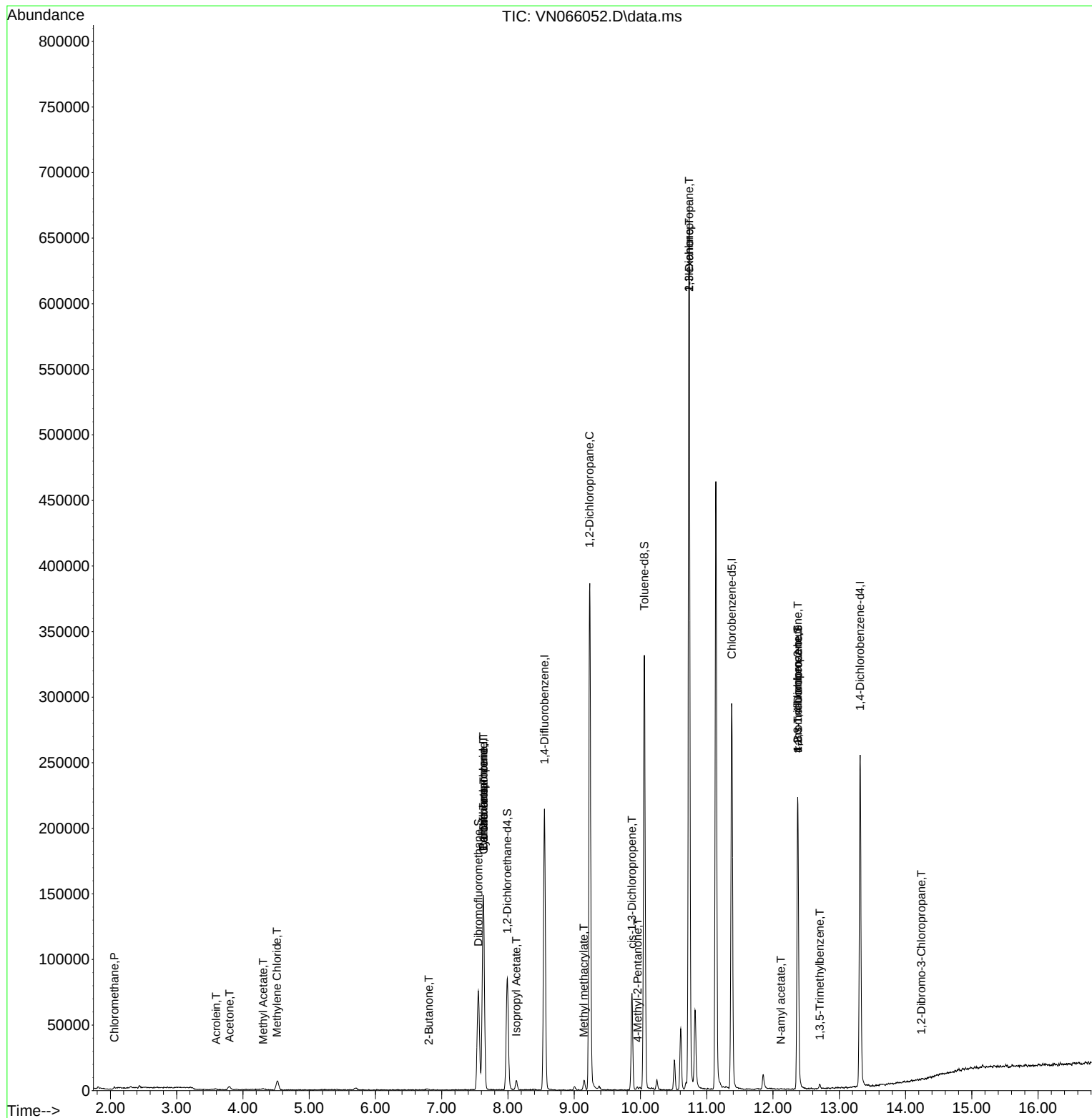
Internal Standards						
1) Pentafluorobenzene	7.627	168	118407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	194403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	176755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	74709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	80194	48.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.86%		
35) Dibromofluoromethane	7.553	113	59558	49.50	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.00%		
50) Toluene-d8	10.058	98	233726	47.32	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.64%		
62) 4-Bromofluorobenzene	12.373	95	86299	46.55	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.10%		
Target Compounds						Qvalue
3) Chloromethane	2.058	50	768	0.40	ug/l	97
13) Acrolein	3.595	56	920	4.37	ug/l	93
16) Acetone	3.798	43	4944	7.95	ug/l	97
18) Methyl Acetate	4.306	43	826	0.60	ug/l #	51
20) Methylene Chloride	4.515	84	2741	1.79	ug/l	96
25) 2-Butanone	6.804	43	345	0.42	ug/l #	46
31) Cyclohexane	7.630	56	2129	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	9285	4.84	ug/l #	47
38) Carbon Tetrachloride	7.627	117	12214	6.86	ug/l #	16
43) Isopropyl Acetate	8.126	43	7919	2.87	ug/l #	91
45) 1,2-Dichloropropane	9.232	63	413	0.27	ug/l #	44
48) Methyl methacrylate	9.142	41	1788	1.28	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	1739	1.04	ug/l #	87
54) cis-1,3-Dichloropropene	9.872	75	14386	6.21	ug/l #	59
57) 1,3-Dichloropropane	10.733	76	7157	3.00	ug/l #	43
59) 2-Hexanone	10.733	43	98722	82.56	ug/l #	49
74) N-amyl acetate	12.119	43	477	0.23	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	45526	25.37	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	2250	0.43	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.373	75	45526	80.84	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.238	75	199	1.40	ug/l #	1

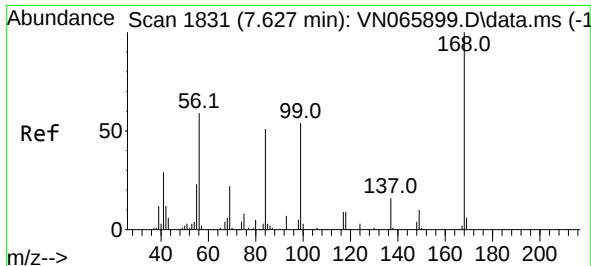
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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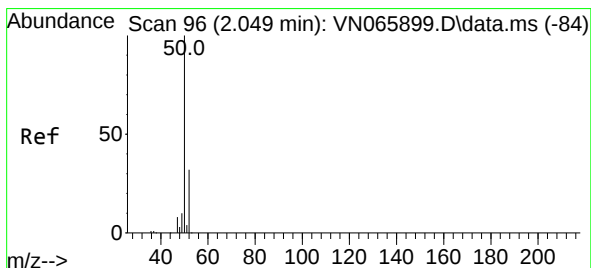
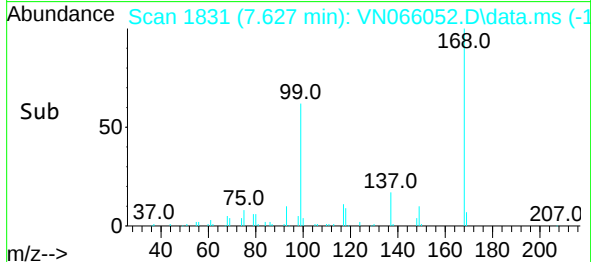
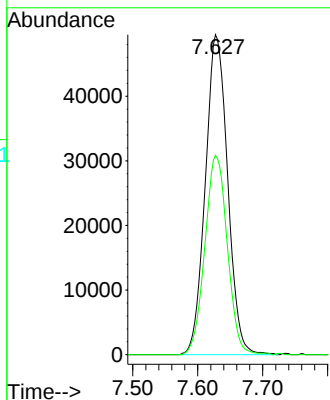
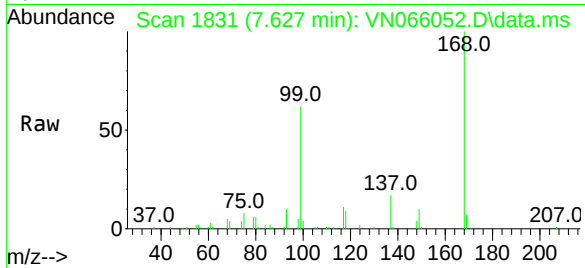




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

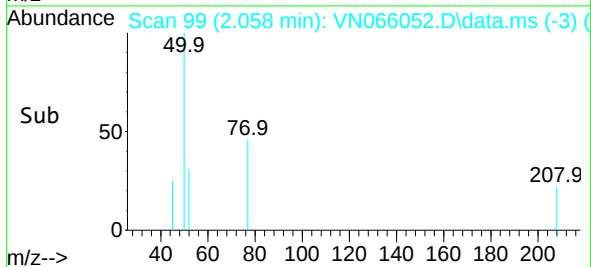
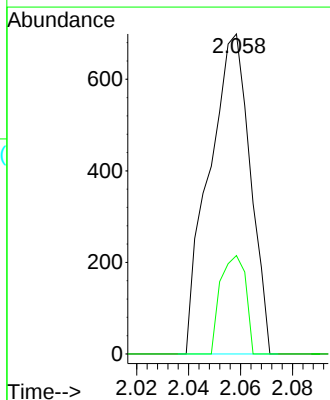
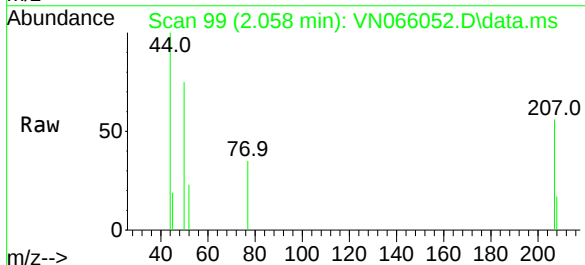
Instrument :
MSVOA_N
ClientSampleId :
PB134838TB

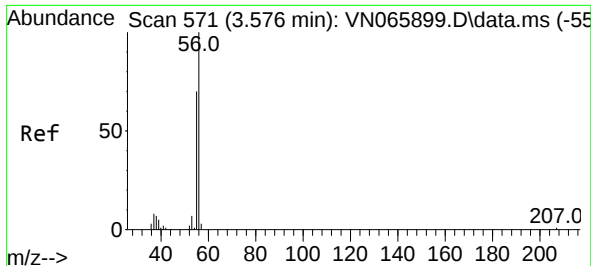
Tgt Ion:168 Resp: 118407
Ion Ratio Lower Upper
168 100
99 62.3 42.6 63.8



#3
Chloromethane
Concen: 0.40 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

Tgt Ion: 50 Resp: 768
Ion Ratio Lower Upper
50 100
52 30.8 25.8 38.8

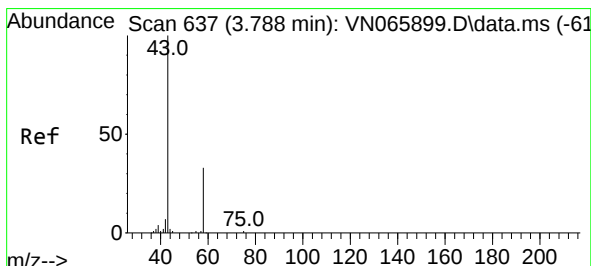
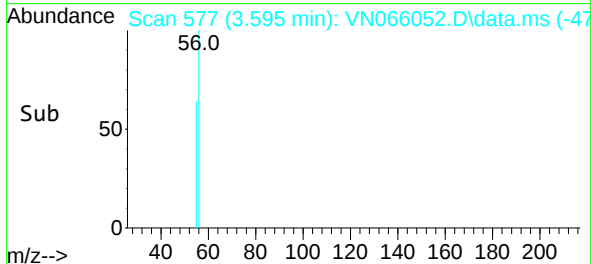
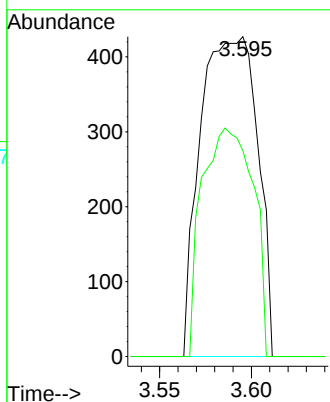
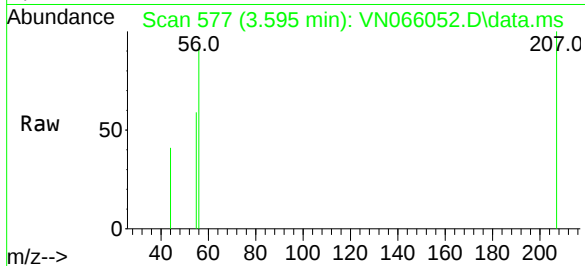




#13
Acrolein
Concen: 4.37 ug/l
RT: 3.595 min Scan# 577
Delta R.T. 0.019 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

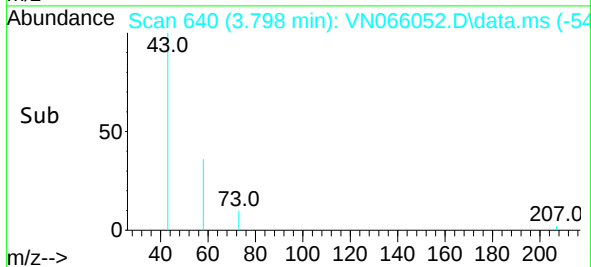
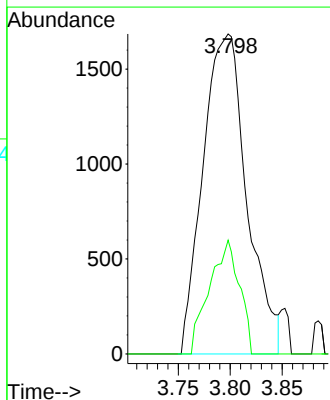
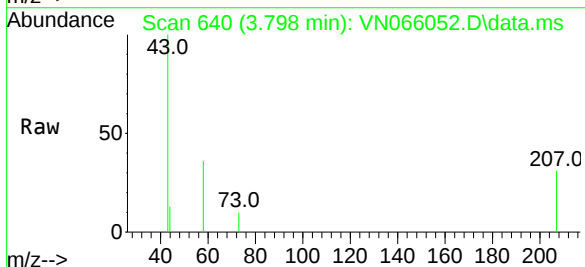
Instrument :
MSVOA_N
ClientSampleId :
PB134838TB

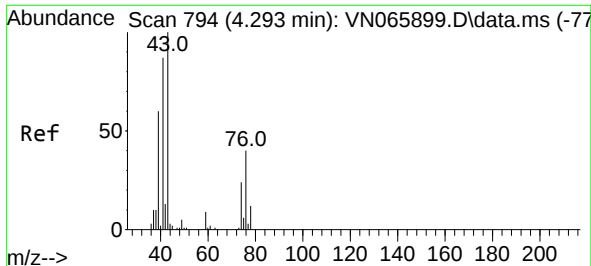
Tgt Ion: 56 Resp: 920
Ion Ratio Lower Upper
56 100
55 64.3 56.0 84.0



#16
Acetone
Concen: 7.95 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

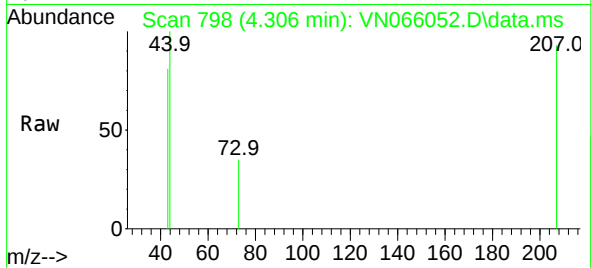
Tgt Ion: 43 Resp: 4944
Ion Ratio Lower Upper
43 100
58 35.5 27.0 40.6



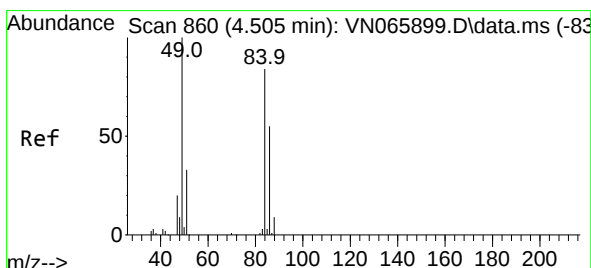
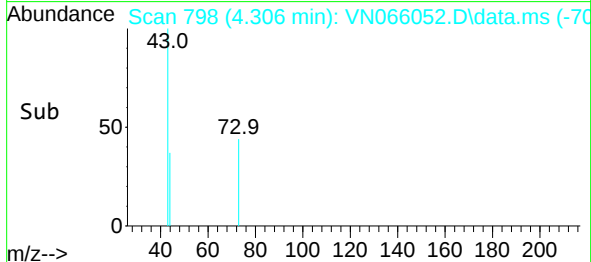
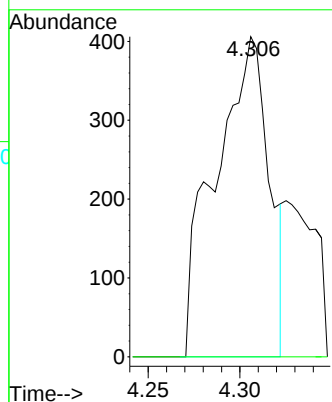


#18
Methyl Acetate
Concen: 0.60 ug/l
RT: 4.306 min Scan# 798
Delta R.T. 0.013 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

Instrument :
MSVOA_N
ClientSampleId :
PB134838TB

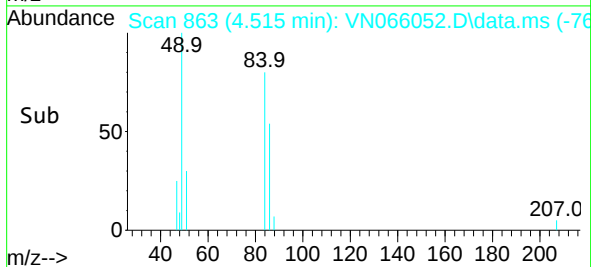
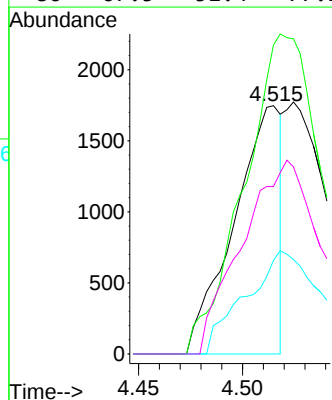
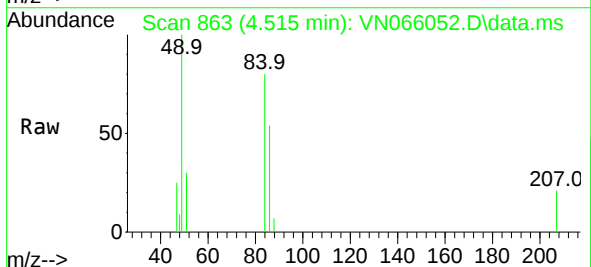


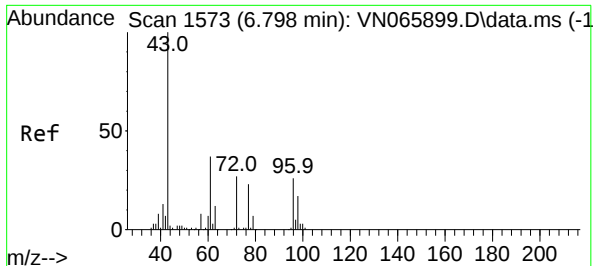
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#20
Methylene Chloride
Concen: 1.79 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.010 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

Tgt Ion: 84 Resp: 2741
Ion Ratio Lower Upper
84 100
49 124.4 94.6 141.8
51 37.7 29.9 44.9
86 67.5 51.4 77.2

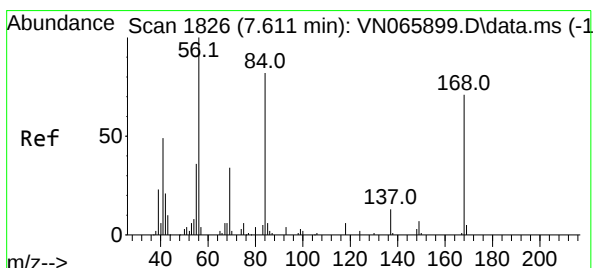
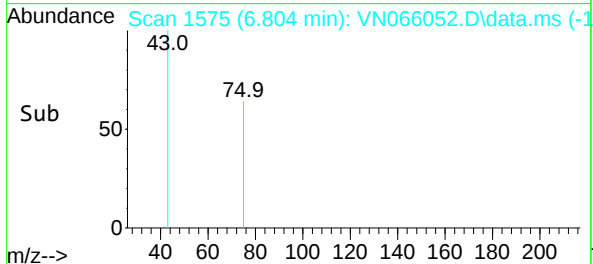
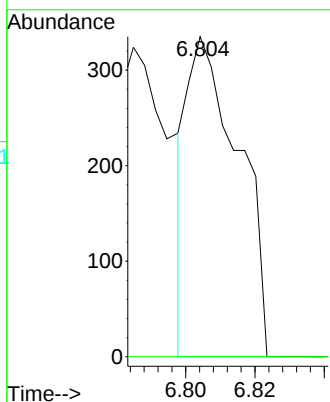
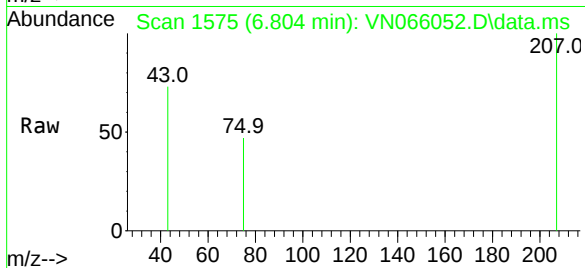




#25
2-Butanone
Concen: 0.42 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

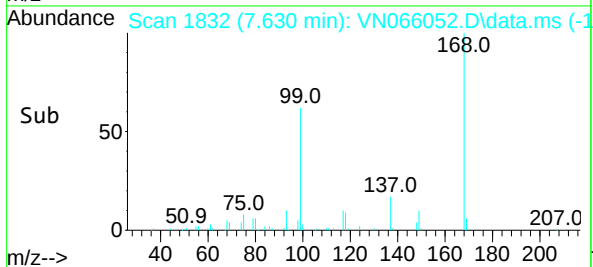
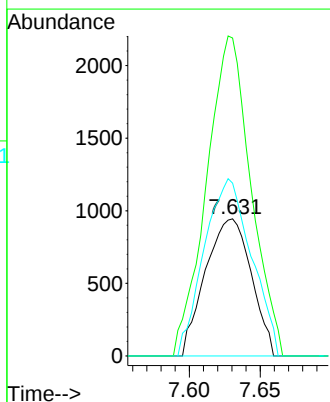
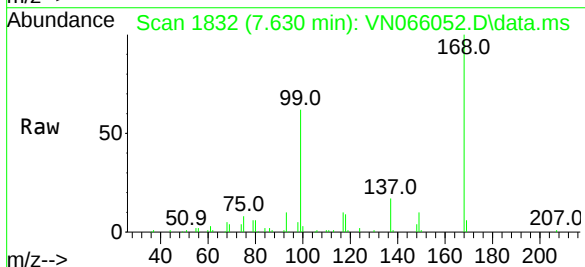
Instrument :
MSVOA_N
ClientSampleId :
PB134838TB

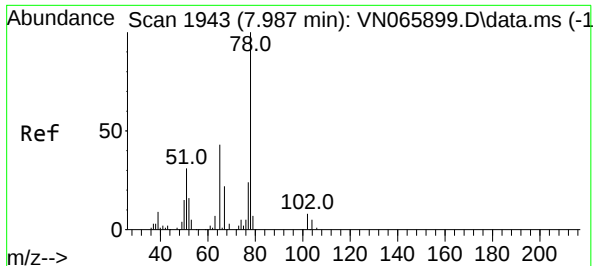
Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.86 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

Tgt Ion: 56 Resp: 2129
Ion Ratio Lower Upper
56 100
69 213.1 26.6 39.8#
84 125.9 70.4 105.6#

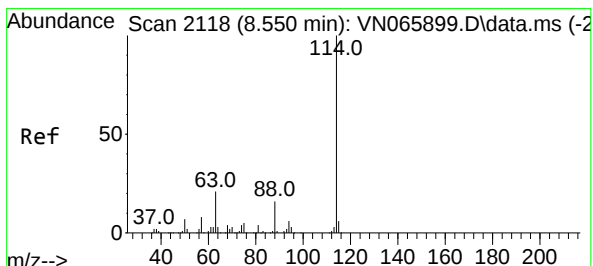
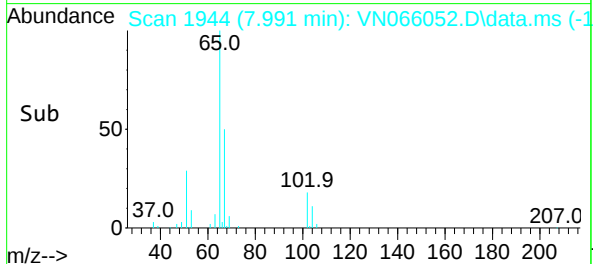
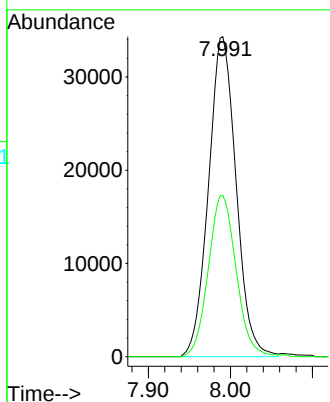
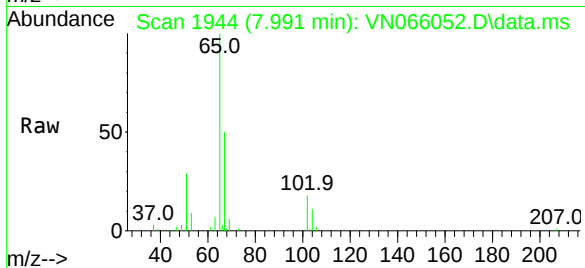




#33
1,2-Dichloroethane-d4
Concen: 48.43 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

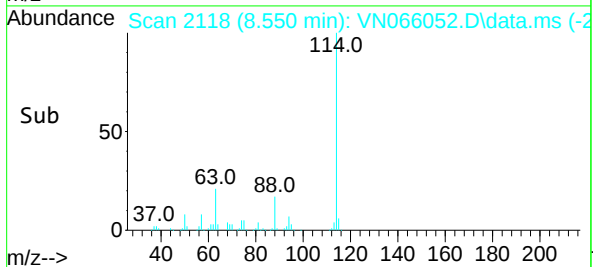
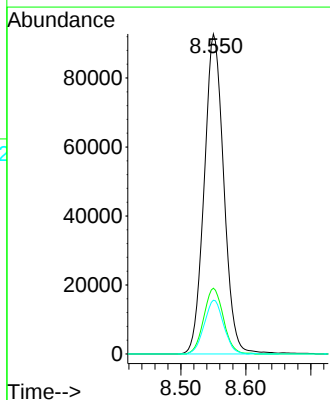
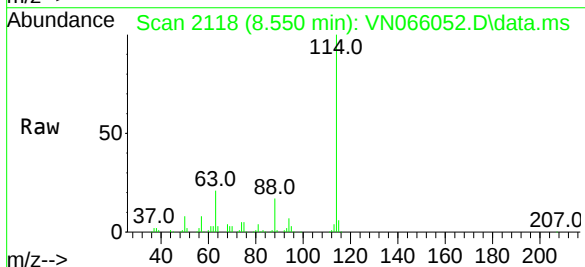
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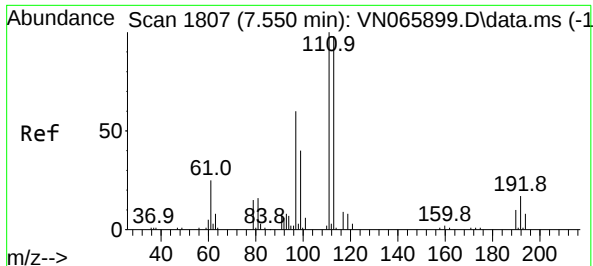
Tgt Ion: 65 Resp: 80194
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

Tgt Ion: 114 Resp: 194403
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 16.8 0.0 30.6

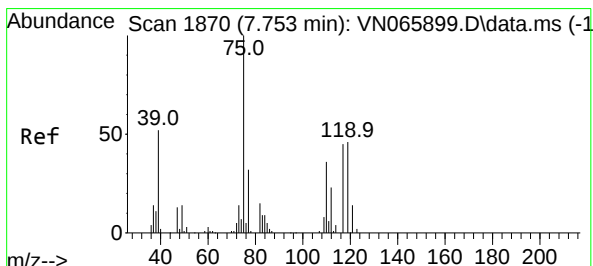
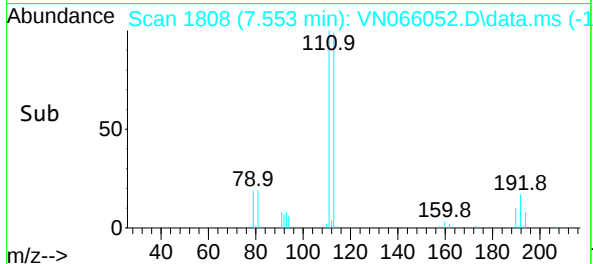
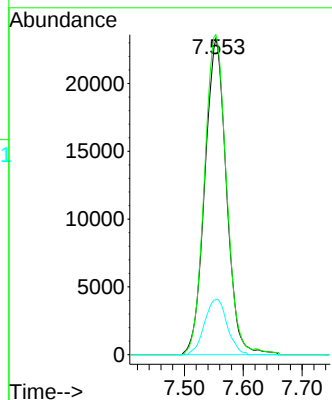
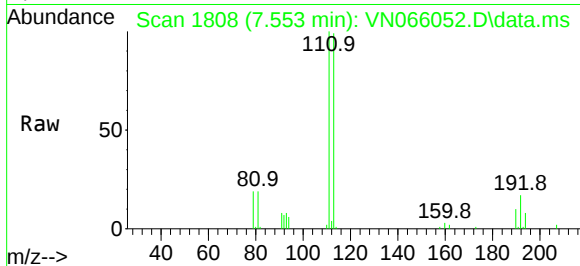




#35
Dibromofluoromethane
Concen: 49.50 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

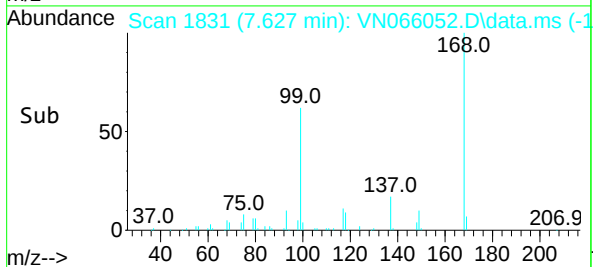
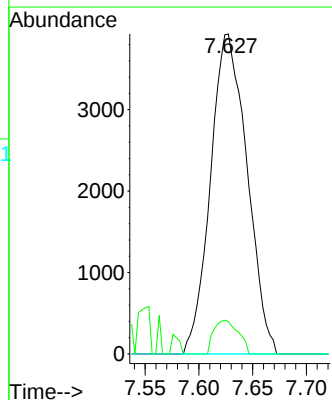
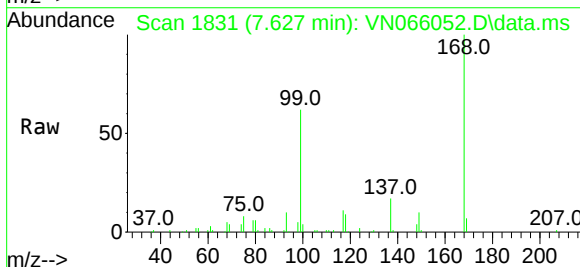
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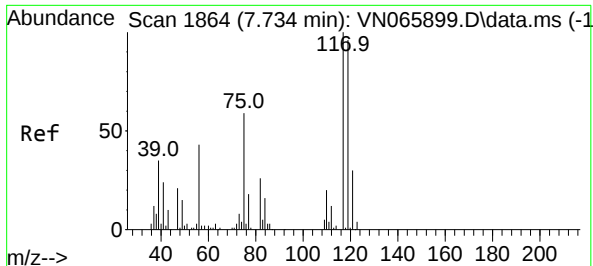
Tgt Ion:	113	Resp:	59558
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	18.3	15.4	23.0



#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

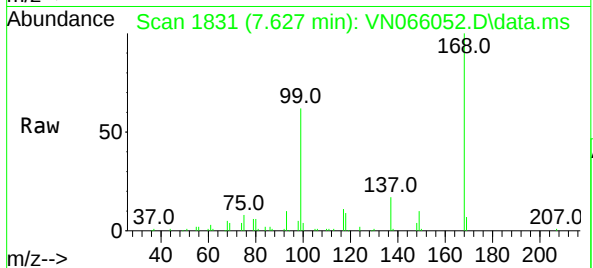
Tgt Ion:	75	Resp:	9285
Ion	Ratio	Lower	Upper
75	100		
110	7.1	18.2	54.6#
77	0.0	24.9	37.3#



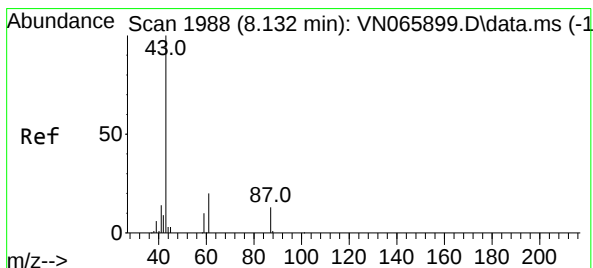
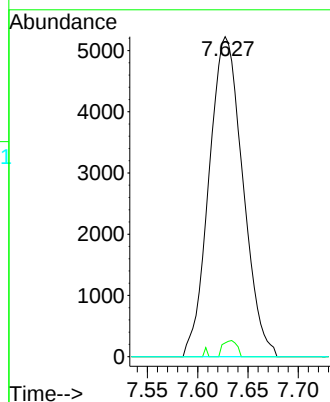
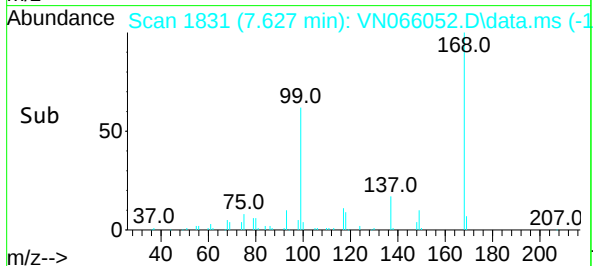


#38
Carbon Tetrachloride
Concen: 6.86 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

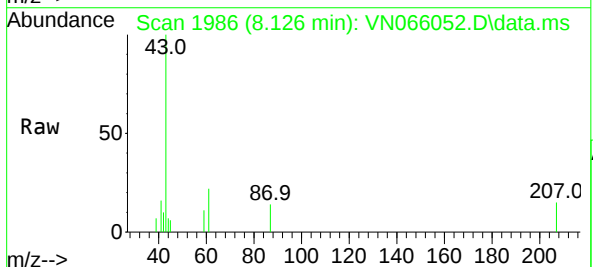
Instrument :
MSVOA_N
ClientSampleId :
PB134838TB



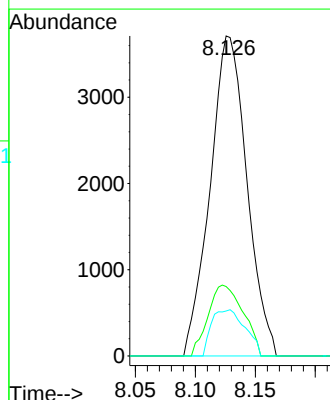
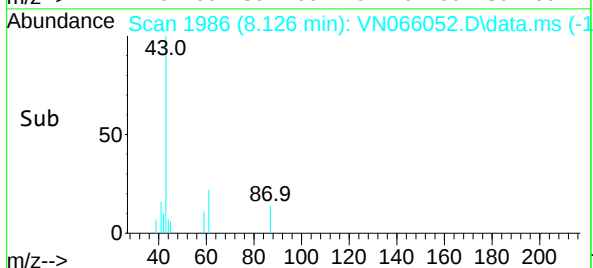
Tgt Ion:117 Resp: 12214
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.5 36.7#

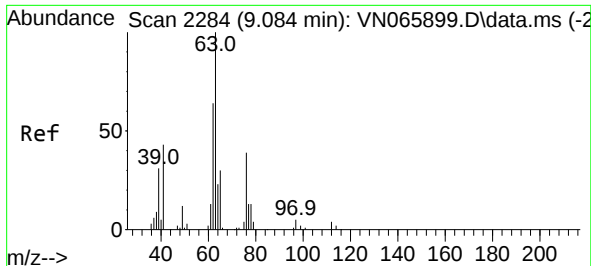


#43
Isopropyl Acetate
Concen: 2.87 ug/l
RT: 8.126 min Scan# 1986
Delta R.T. -0.006 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34



Tgt Ion: 43 Resp: 7919
Ion Ratio Lower Upper
43 100
61 21.2 22.5 33.7#
87 13.2 11.1 16.7



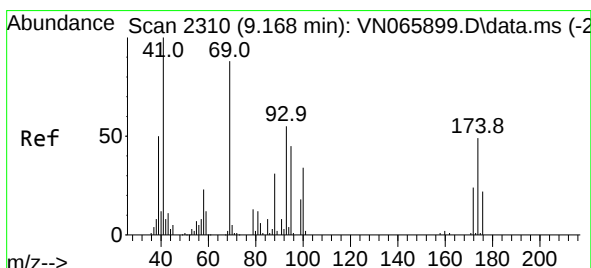
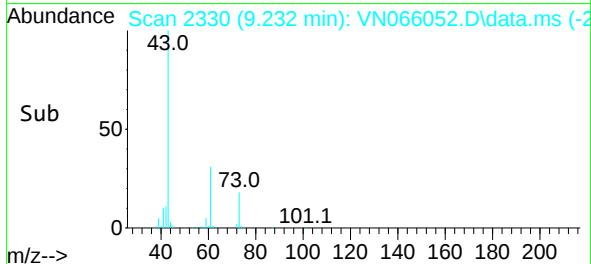
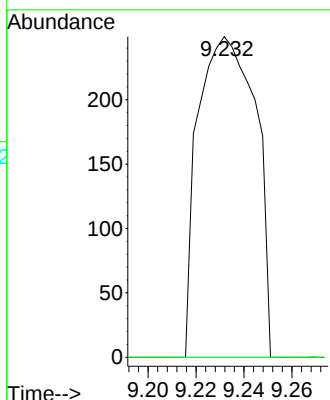
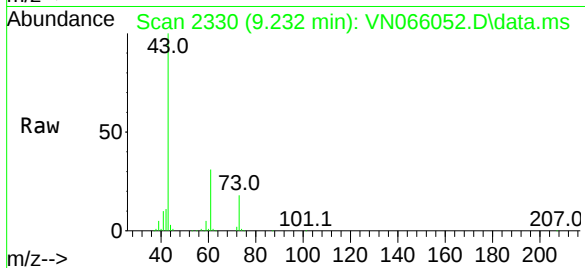


#45

1,2-Dichloropropane
Concen: 0.27 ug/l
RT: 9.232 min Scan# 2330
Delta R.T. 0.148 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

Instrument :
MSVOA_N
ClientSampled :
PB134838TB

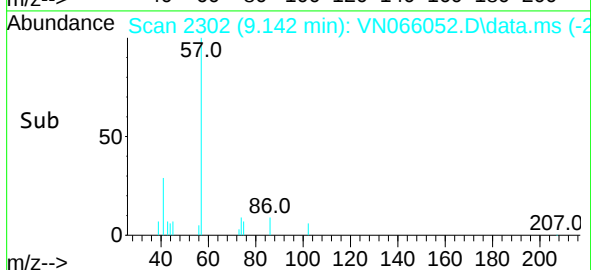
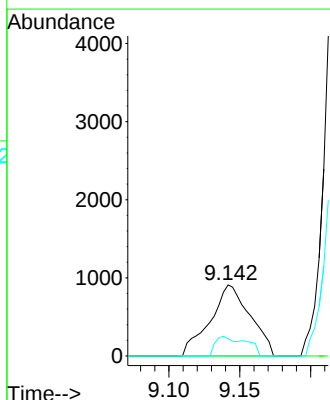
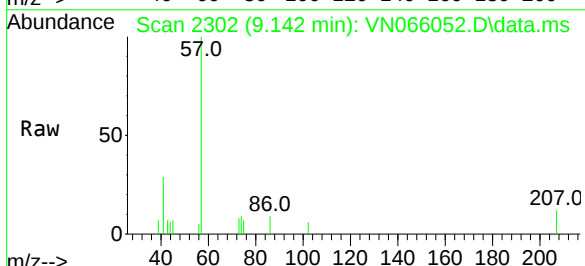
Tgt Ion: 63 Resp: 413
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

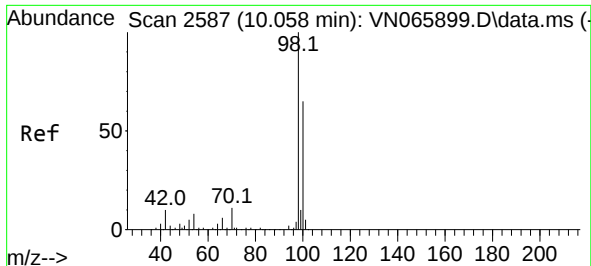


#48

Methyl methacrylate
Concen: 1.28 ug/l
RT: 9.142 min Scan# 2302
Delta R.T. -0.026 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

Tgt Ion: 41 Resp: 1788
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

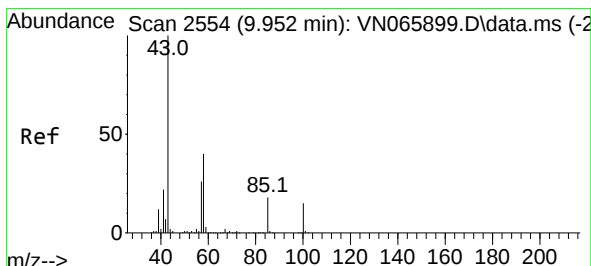
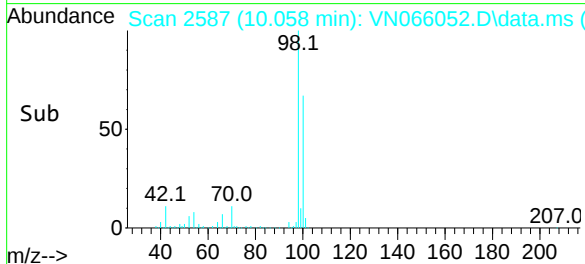
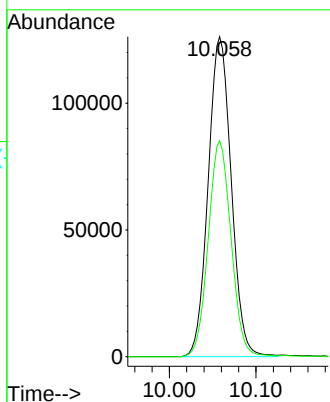
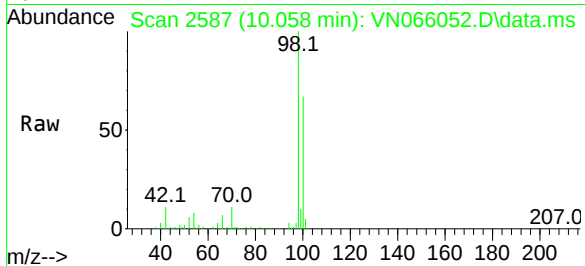




#50
Toluene-d8
Concen: 47.32 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

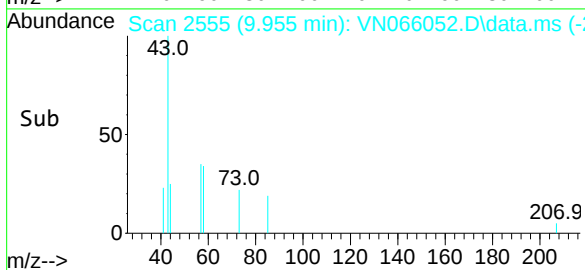
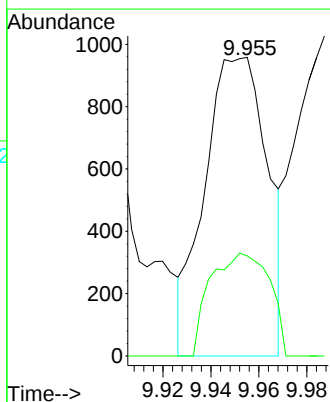
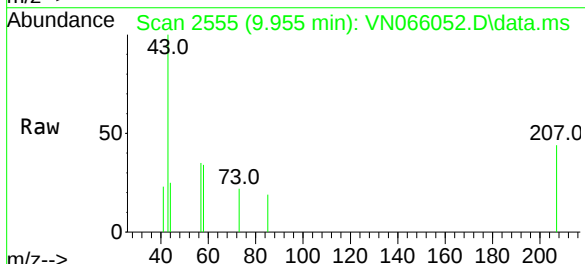
Instrument :
MSVOA_N
ClientSampleId :
PB134838TB

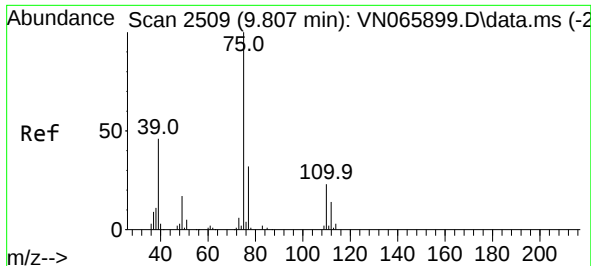
Tgt Ion: 98 Resp: 233726
Ion Ratio Lower Upper
98 100
100 66.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 32.4 32.5 48.7#

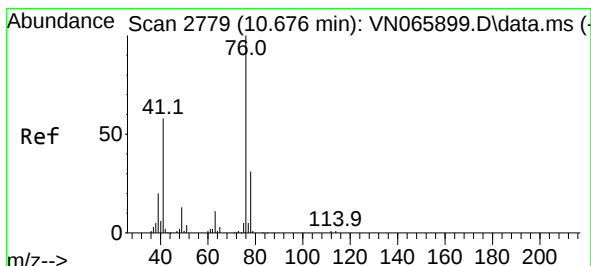
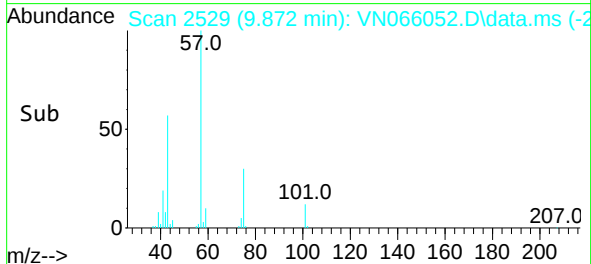
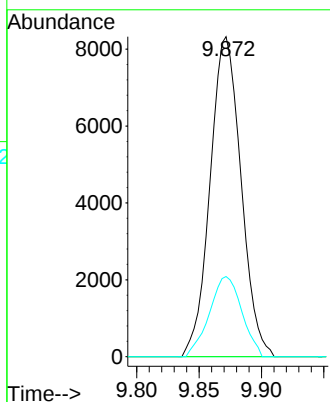
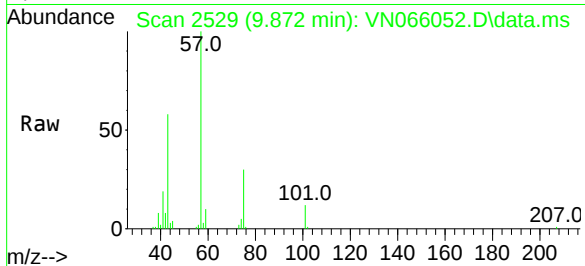




#54
 cis-1,3-Dichloropropene
 Concen: 6.21 ug/l
 RT: 9.872 min Scan# 2529
 Delta R.T. 0.065 min
 Lab File: VN066052.D
 Acq: 26 Feb 2021 15:34

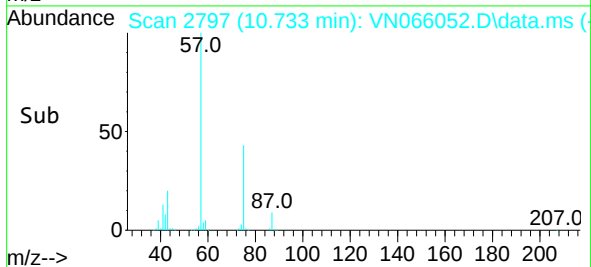
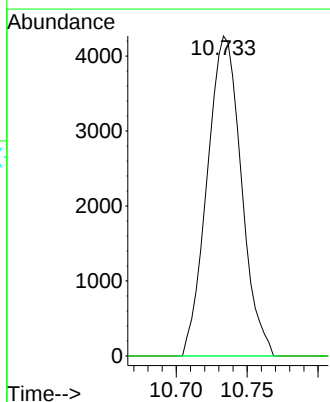
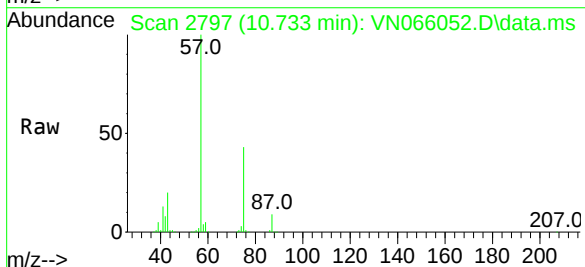
Instrument :
 MSVOA_N
 ClientSampleId :
 PB134838TB

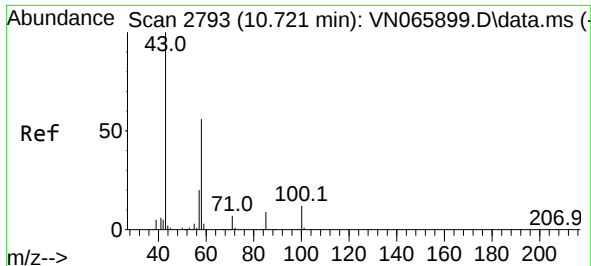
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.9	37.3#
39	25.1	36.2	54.4#



#57
 1,3-Dichloropropane
 Concen: 3.00 ug/l
 RT: 10.733 min Scan# 2797
 Delta R.T. 0.057 min
 Lab File: VN066052.D
 Acq: 26 Feb 2021 15:34

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

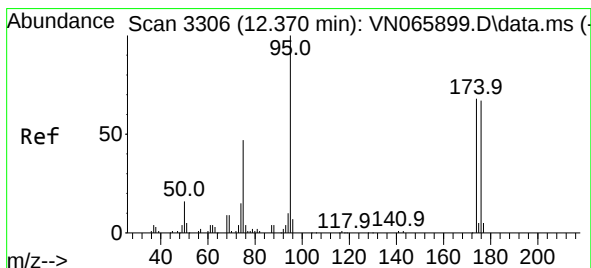
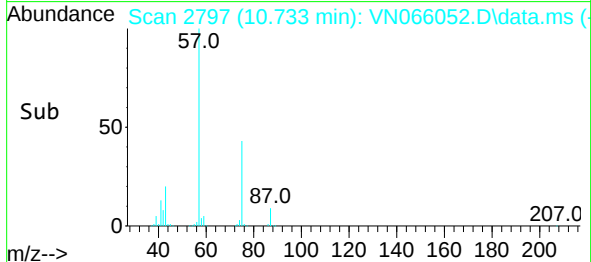
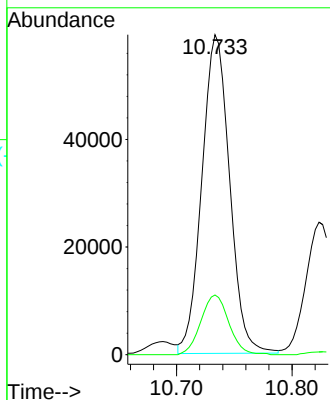
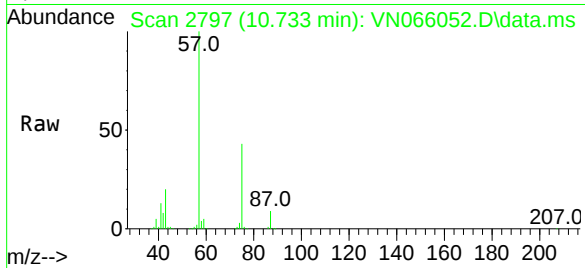




#59
2-Hexanone
Concen: 82.56 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.012 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

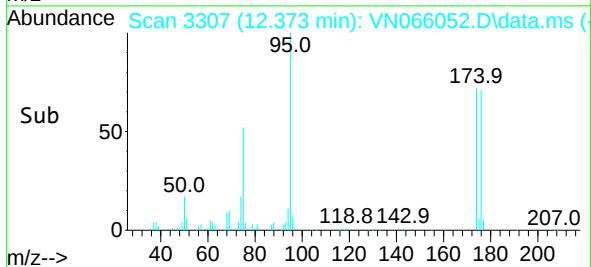
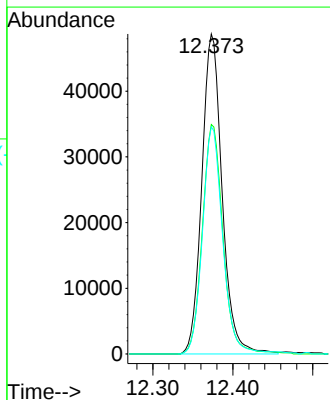
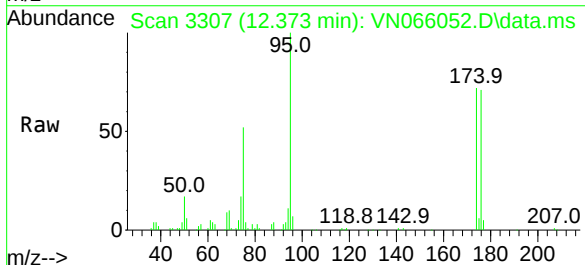
Instrument :
MSVOA_N
ClientSampleId :
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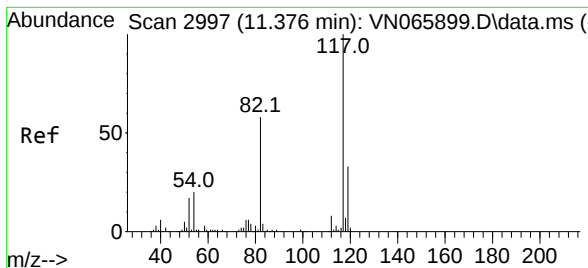
Tgt Ion: 43 Resp: 98722
Ion Ratio Lower Upper
43 100
58 18.9 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 46.55 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

Tgt Ion: 95 Resp: 86299
Ion Ratio Lower Upper
95 100
174 72.6 0.0 169.0
176 70.9 0.0 162.4

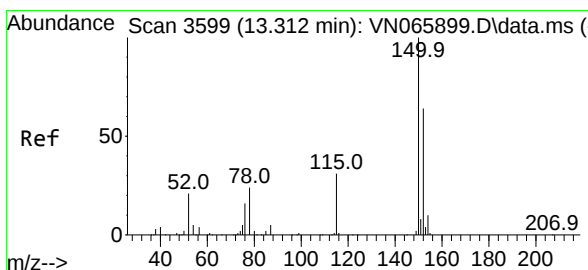
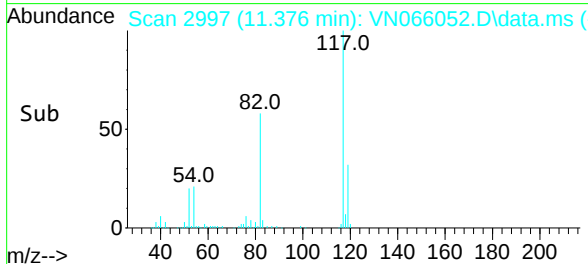
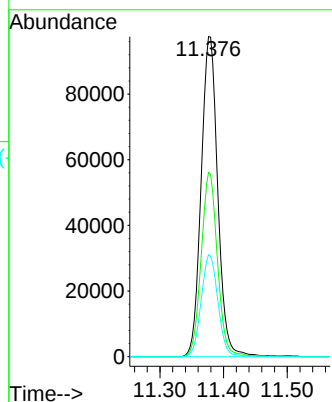
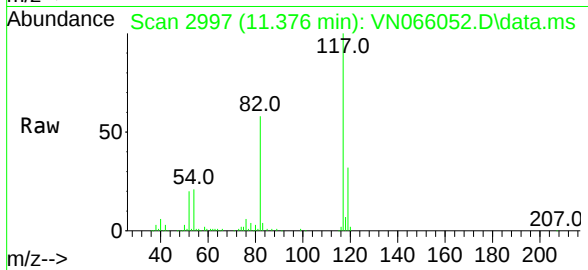




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

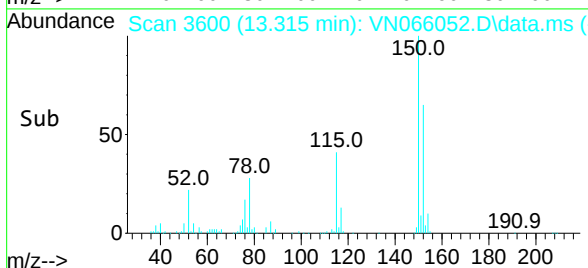
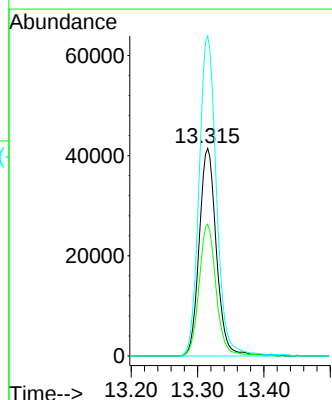
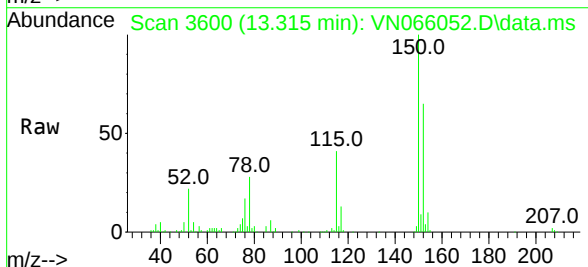
Instrument :
MSVOA_N
ClientSampleId :
PB134838TB

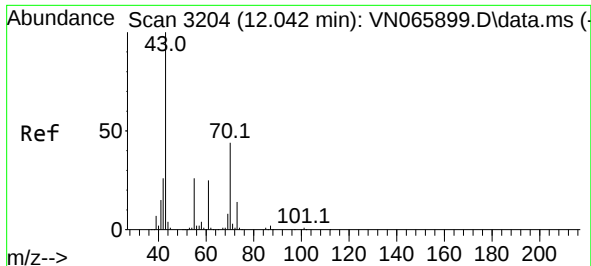
Tgt Ion:117 Resp: 176755
Ion Ratio Lower Upper
117 100
82 57.6 43.7 65.5
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

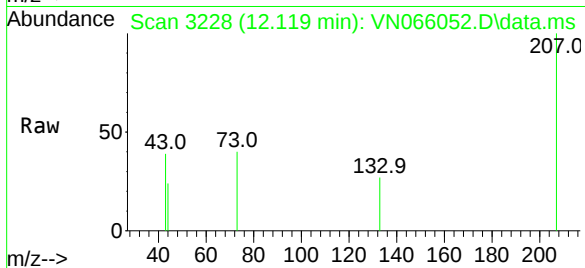
Tgt Ion:152 Resp: 74709
Ion Ratio Lower Upper
152 100
115 62.8 28.5 85.6
150 155.7 0.0 347.6



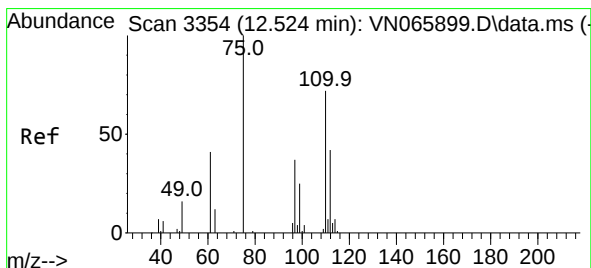
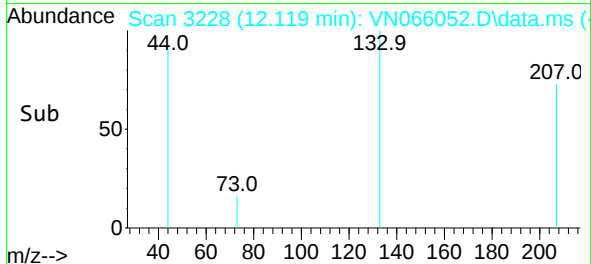
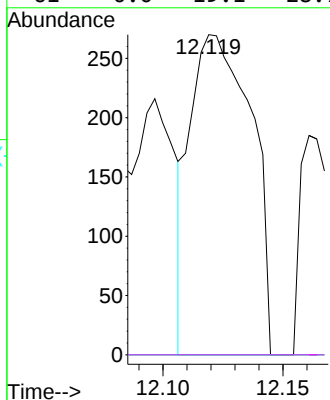


#74
N-amy1 acetate
Concen: 0.23 ug/l
RT: 12.119 min Scan# 3228
Delta R.T. 0.077 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

Instrument :
MSVOA_N
ClientSampleId :
PB134838TB

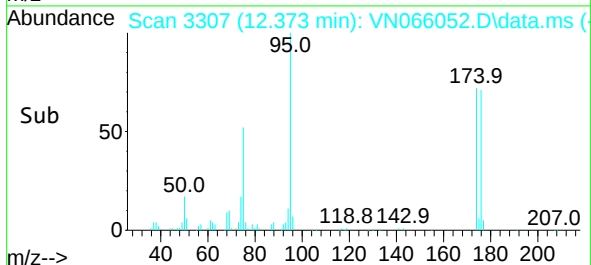
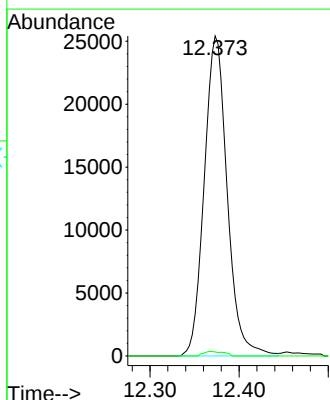
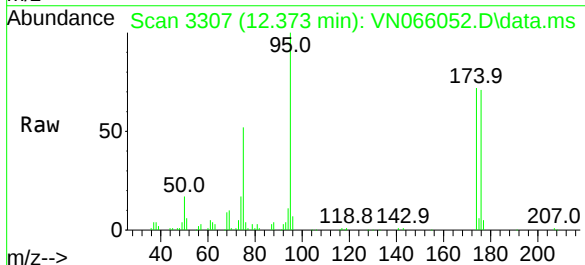


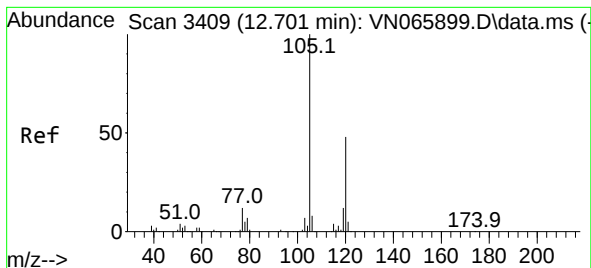
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 25.37 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

Tgt Ion: 75 Resp: 45526
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

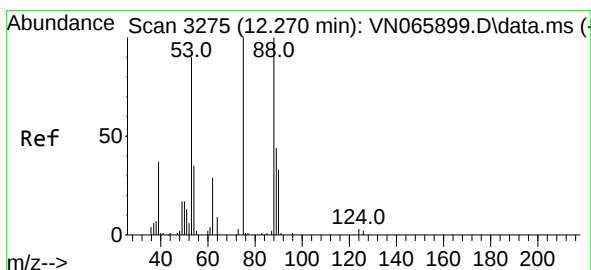
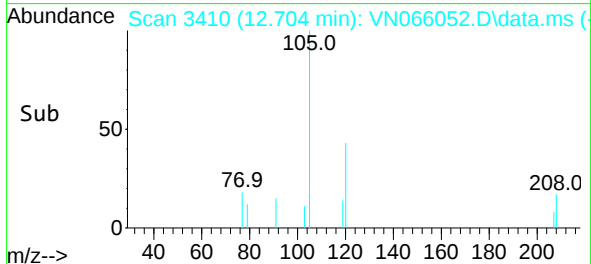
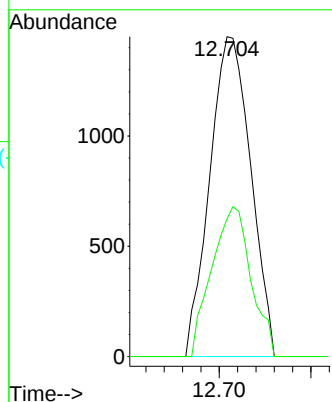
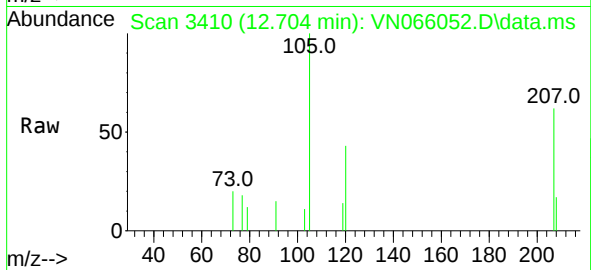




#80
1,3,5-Trimethylbenzene
Concen: 0.43 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

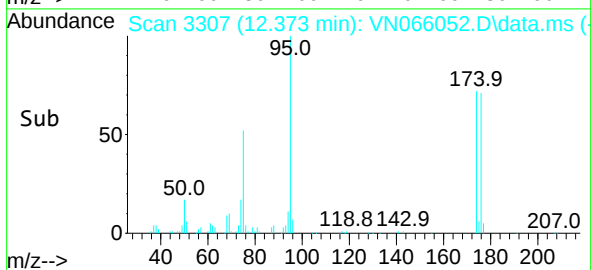
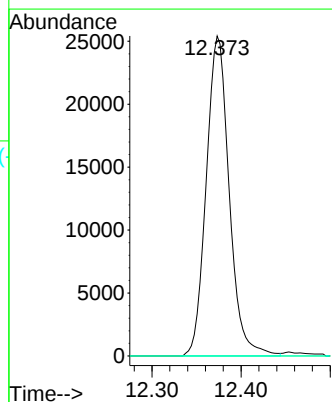
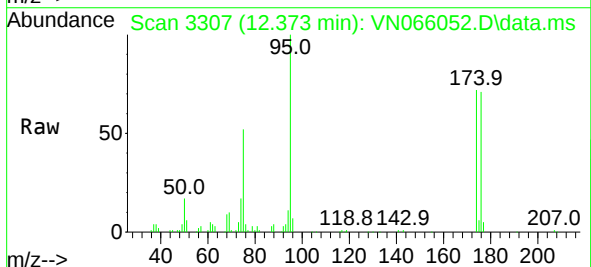
Instrument :
MSVOA_N
ClientSampleId :
PB134838TB

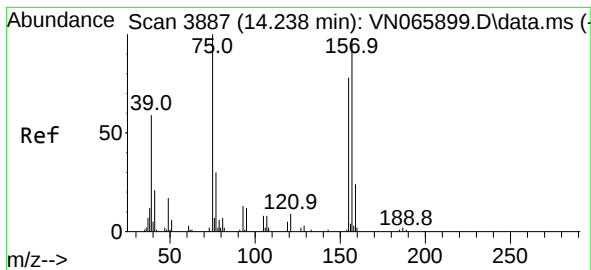
Tgt Ion:105 Resp: 2250
Ion Ratio Lower Upper
105 100
120 44.9 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 80.84 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066052.D
Acq: 26 Feb 2021 15:34

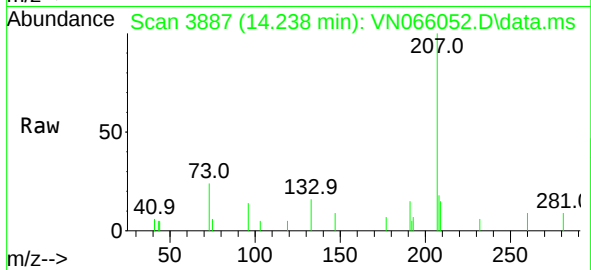
Tgt Ion: 75 Resp: 45526
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.40 ug/l
 RT: 14.238 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VN066052.D
 Acq: 26 Feb 2021 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134838TB



Tgt Ion:	75	Resp:	199
Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.1	132.4#
157	0.0	56.0	168.2#

