

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066054.D
 Acq On : 26 Feb 2021 16:19
 Operator : JC/MD
 Sample : PB134837ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134837ZHE#02

Quant Time: Feb 26 23:34:43 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)

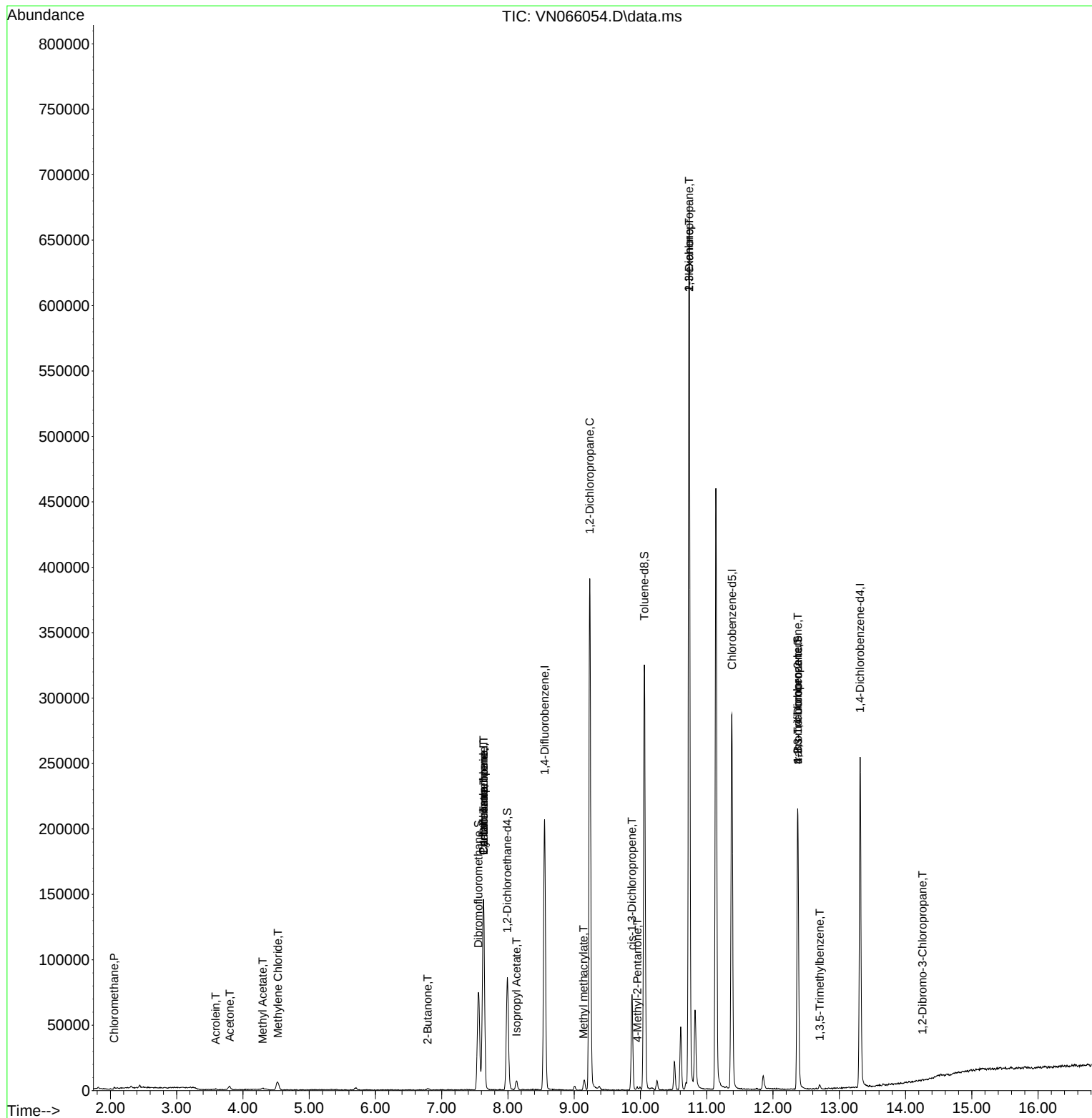
Internal Standards						
1) Pentafluorobenzene	7.630	168	115464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	187132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	173839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	72430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	81106	50.23	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.46%			
35) Dibromofluoromethane	7.553	113	59268	51.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.34%			
50) Toluene-d8	10.058	98	230123	48.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.82%			
62) 4-Bromofluorobenzene	12.373	95	85759	48.05	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.10%			
Target Compounds						Qvalue
3) Chloromethane	2.055	50	622	0.33	ug/l #	85
13) Acrolein	3.589	56	575	2.80	ug/l #	66
16) Acetone	3.801	43	5113	8.53	ug/l	98
18) Methyl Acetate	4.299	43	1872	1.40	ug/l #	65
20) Methylene Chloride	4.528	84	5262	3.51	ug/l #	87
25) 2-Butanone	6.788	43	429	0.54	ug/l #	46
31) Cyclohexane	7.630	56	2390	0.99	ug/l #	8
36) 1,1-Dichloropropene	7.630	75	9070	4.92	ug/l #	48
38) Carbon Tetrachloride	7.630	117	12208	7.12	ug/l #	16
43) Isopropyl Acetate	8.129	43	7809	2.94	ug/l #	92
45) 1,2-Dichloropropane	9.235	63	364	0.25	ug/l #	44
48) Methyl methacrylate	9.138	41	1630	1.21	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	1953	1.21	ug/l #	76
54) cis-1,3-Dichloropropene	9.872	75	13950	6.26	ug/l #	59
57) 1,3-Dichloropropane	10.733	76	7481	3.26	ug/l #	43
59) 2-Hexanone	10.733	43	98887	85.92	ug/l #	50
76) 1,2,3-Trichloropropane	12.373	75	43716	25.12	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	2147	0.43	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	43716	80.07	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.257	75	241	1.54	ug/l #	1

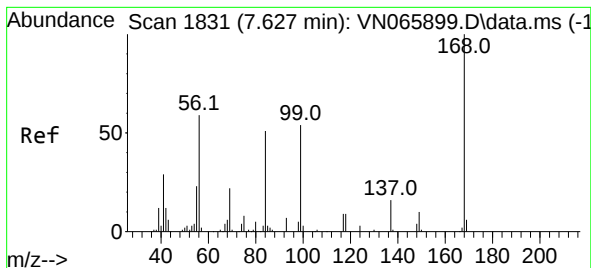
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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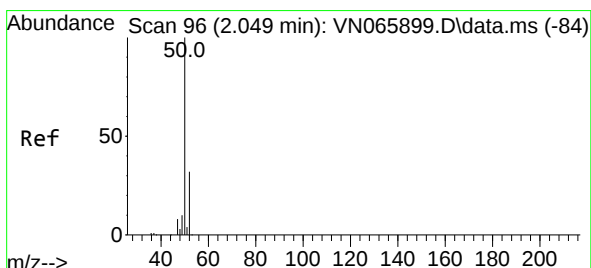
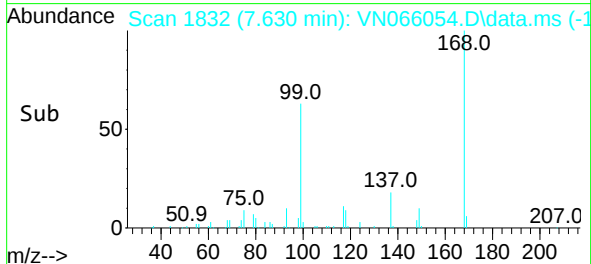
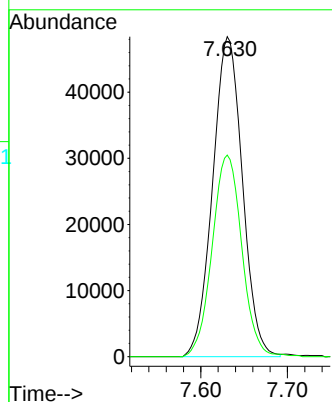
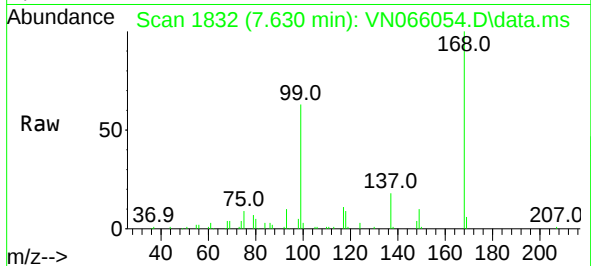




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

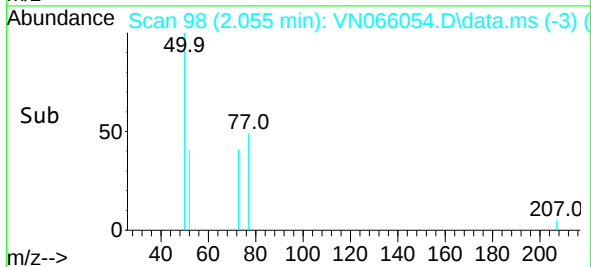
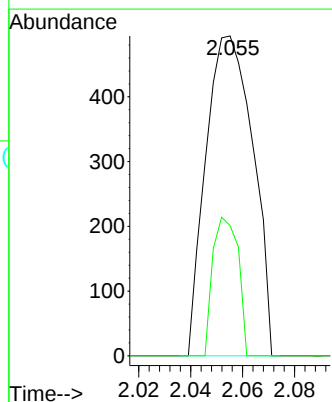
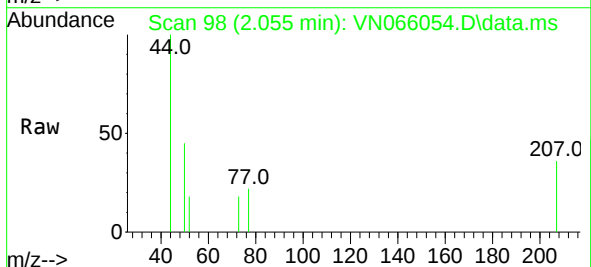
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#02

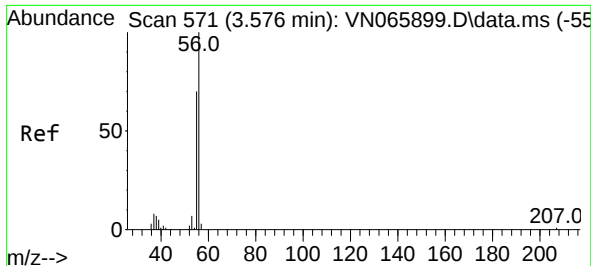
Tgt Ion:168 Resp: 115464
Ion Ratio Lower Upper
168 100
99 63.0 42.6 63.8



#3
Chloromethane
Concen: 0.33 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

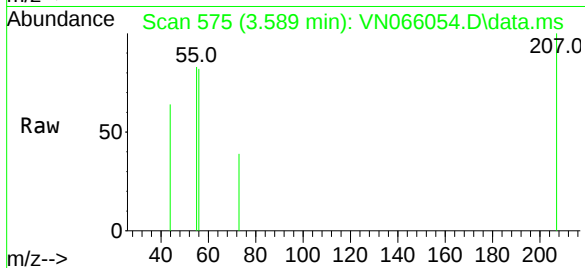
Tgt Ion: 50 Resp: 622
Ion Ratio Lower Upper
50 100
52 40.7 25.8 38.8#



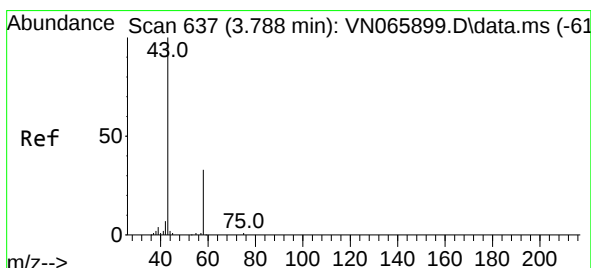
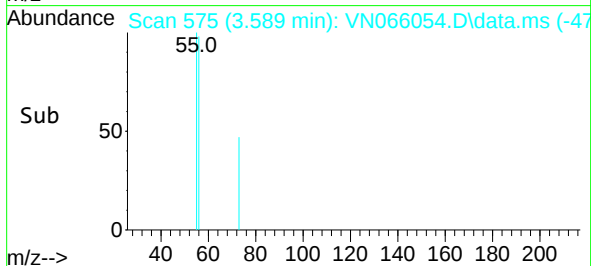
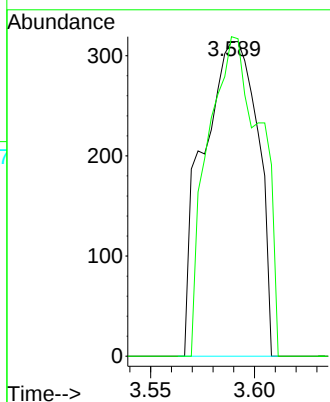


#13
Acrolein
Concen: 2.80 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#02

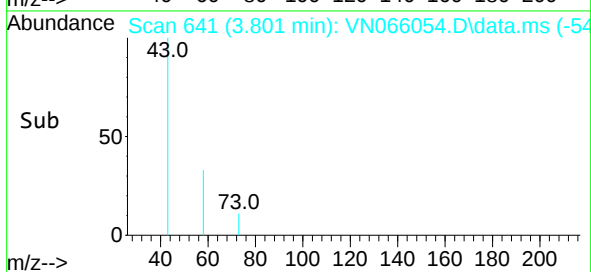
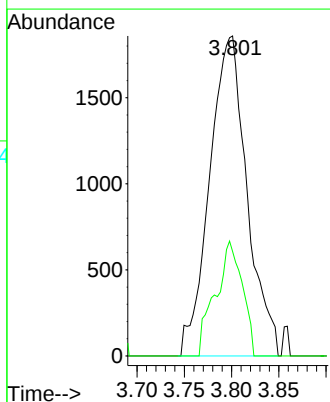
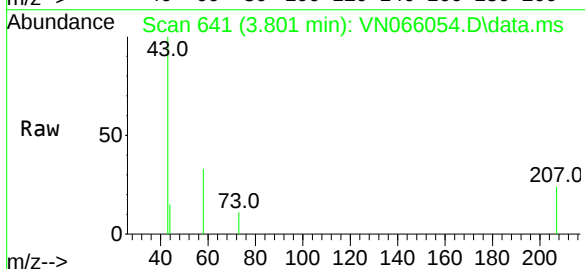


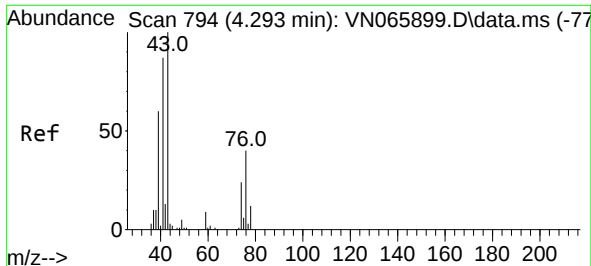
Tgt Ion: 56 Resp: 575
Ion Ratio Lower Upper
56 100
55 98.1 56.0 84.0#



#16
Acetone
Concen: 8.53 ug/l
RT: 3.801 min Scan# 641
Delta R.T. 0.013 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

Tgt Ion: 43 Resp: 5113
Ion Ratio Lower Upper
43 100
58 32.7 27.0 40.6

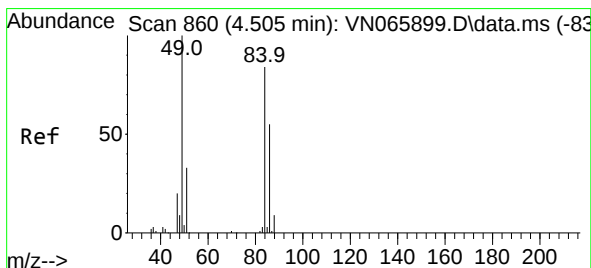
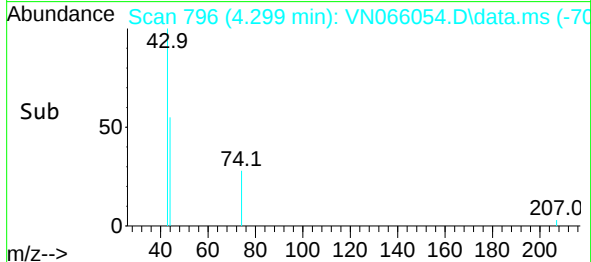
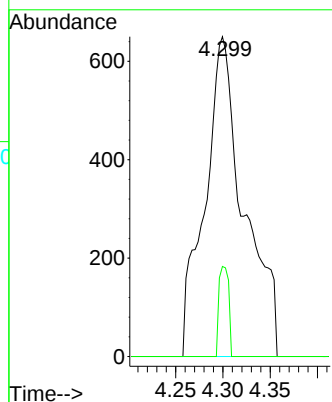
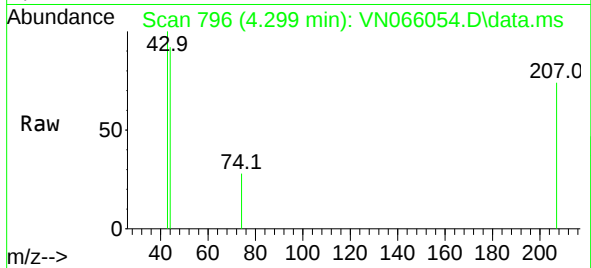




#18
Methyl Acetate
Concen: 1.40 ug/l
RT: 4.299 min Scan# 796
Delta R.T. 0.006 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

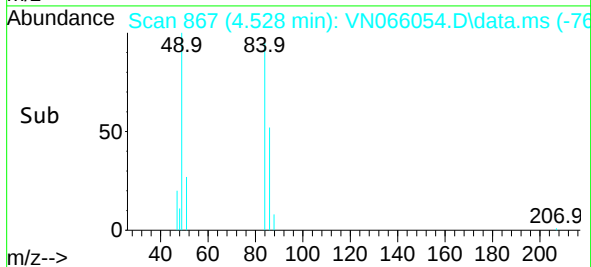
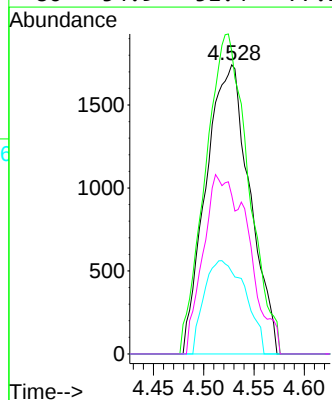
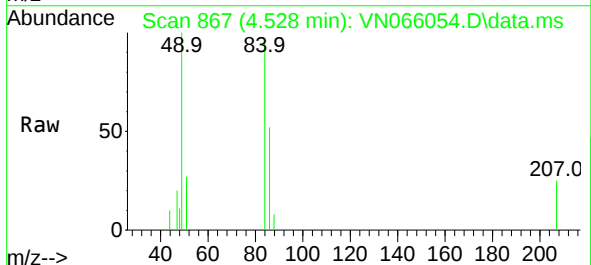
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#02

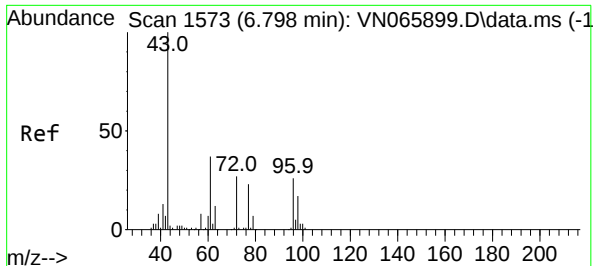
Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
74 7.0 19.5 29.3#



#20
Methylene Chloride
Concen: 3.51 ug/l
RT: 4.528 min Scan# 867
Delta R.T. 0.023 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

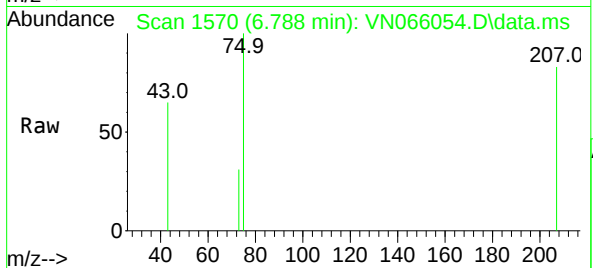
Tgt Ion: 84 Resp: 5262
Ion Ratio Lower Upper
84 100
49 104.8 94.6 141.8
51 28.4 29.9 44.9#
86 54.9 51.4 77.2



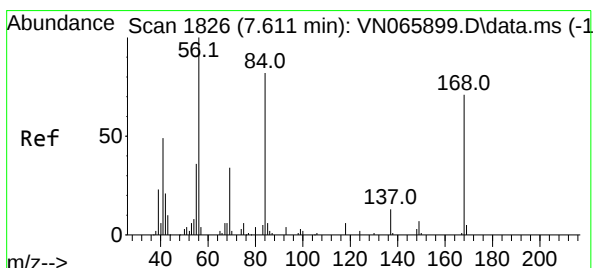
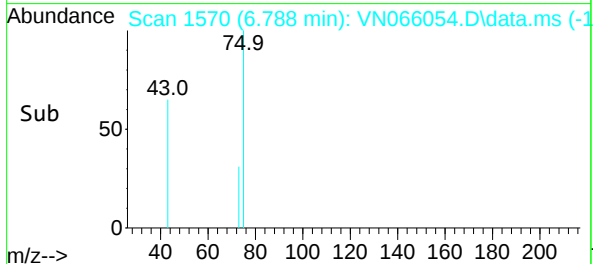
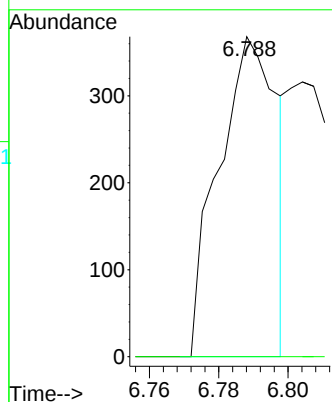


#25
2-Butanone
Concen: 0.54 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. -0.010 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#02

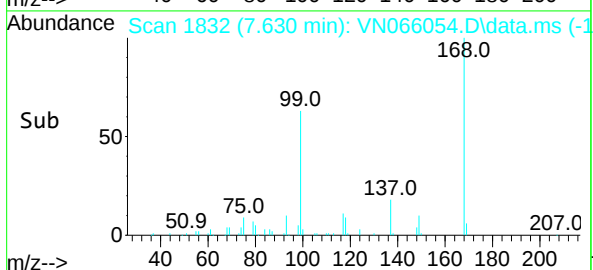
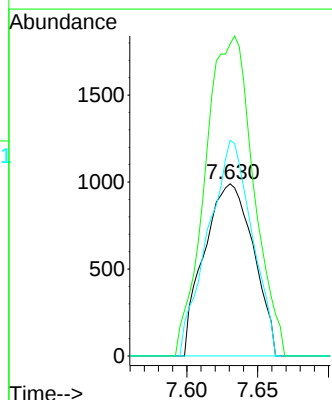
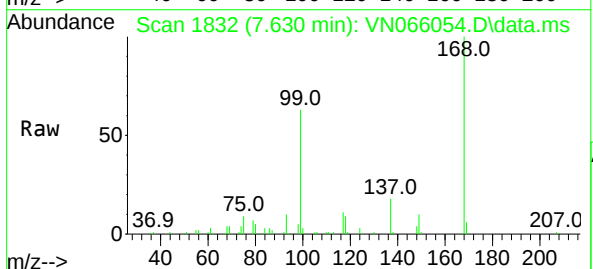


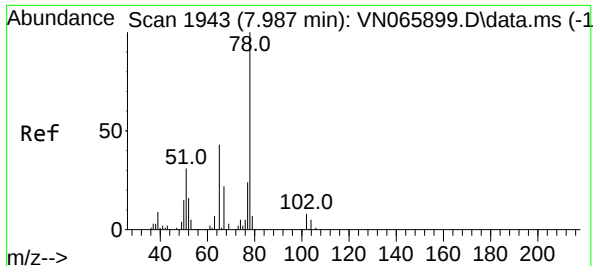
Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.99 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

Tgt Ion: 56 Resp: 2390
Ion Ratio Lower Upper
56 100
69 164.2 26.6 39.8#
84 125.3 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 50.23 ug/l

RT: 7.991 min Scan# 1944

Delta R.T. 0.004 min

Lab File: VN066054.D

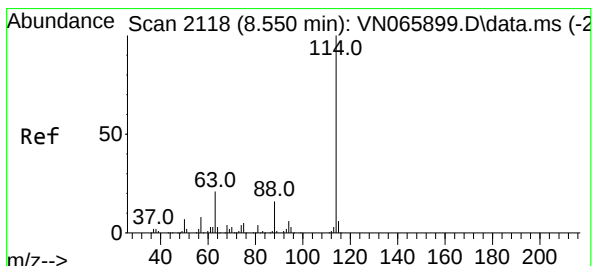
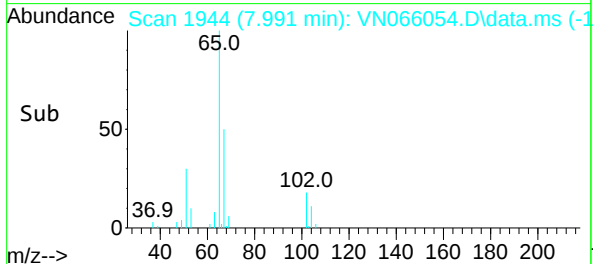
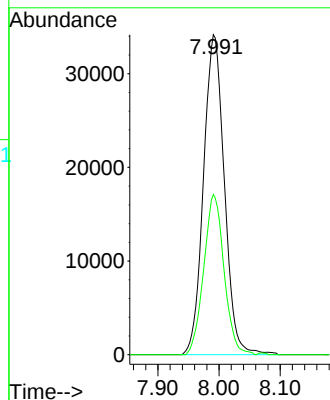
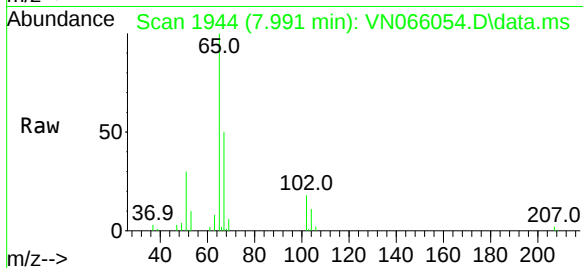
Acq: 26 Feb 2021 16:19

Tgt Ion: 65 Resp: 81106

Ion Ratio Lower Upper

65 100

67 48.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.553 min Scan# 2119

Delta R.T. 0.003 min

Lab File: VN066054.D

Acq: 26 Feb 2021 16:19

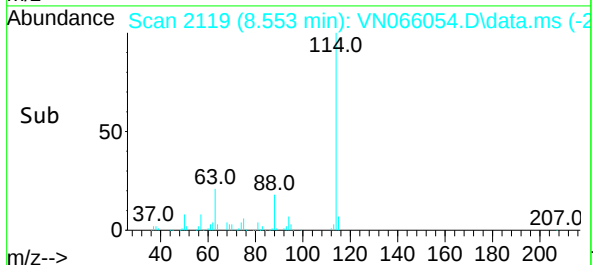
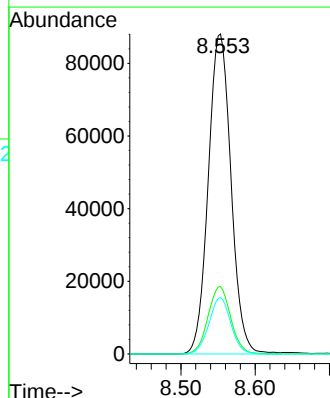
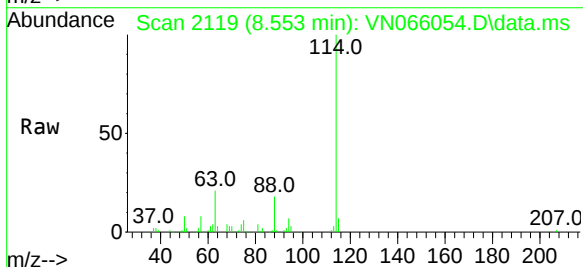
Tgt Ion: 114 Resp: 187132

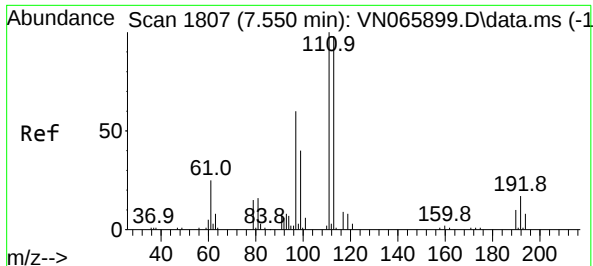
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.6

88 17.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.17 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN066054.D

Acq: 26 Feb 2021 16:19

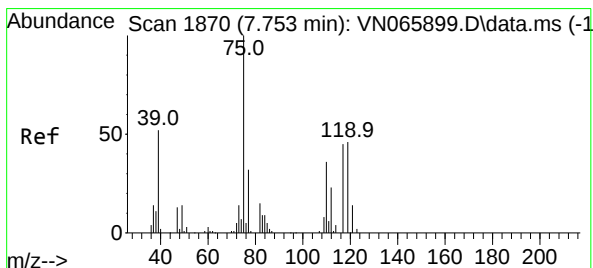
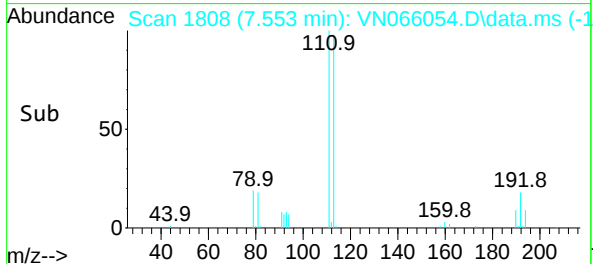
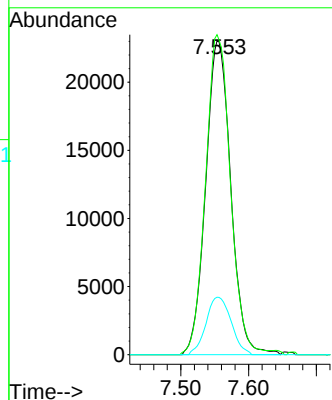
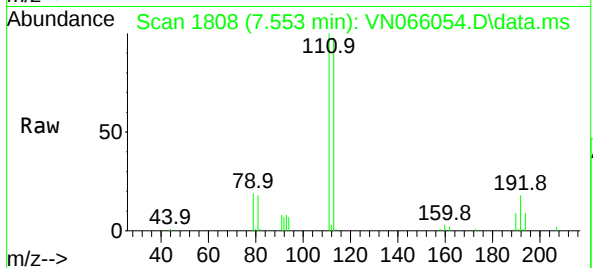
Tgt Ion:113 Resp: 59268

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

192 18.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.92 ug/l

RT: 7.630 min Scan# 1832

Delta R.T. -0.123 min

Lab File: VN066054.D

Acq: 26 Feb 2021 16:19

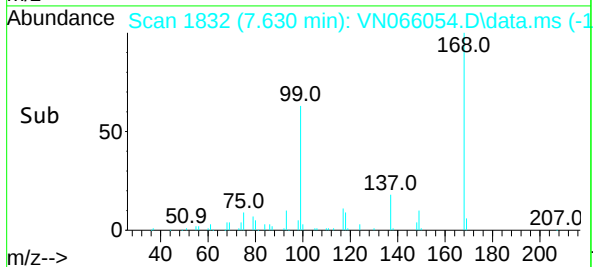
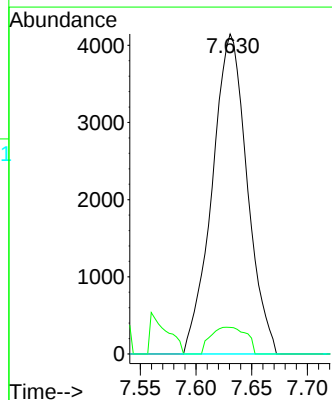
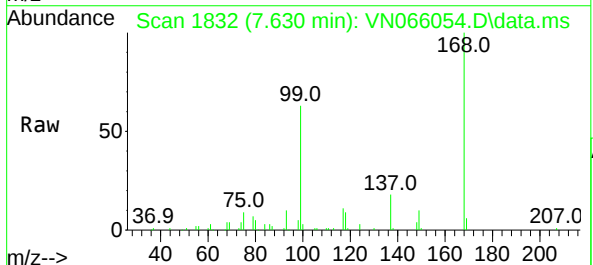
Tgt Ion: 75 Resp: 9070

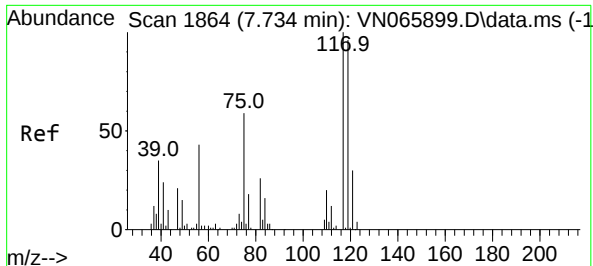
Ion Ratio Lower Upper

75 100

110 8.5 18.2 54.6#

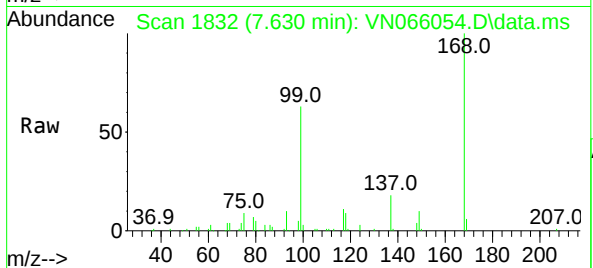
77 0.0 24.9 37.3#



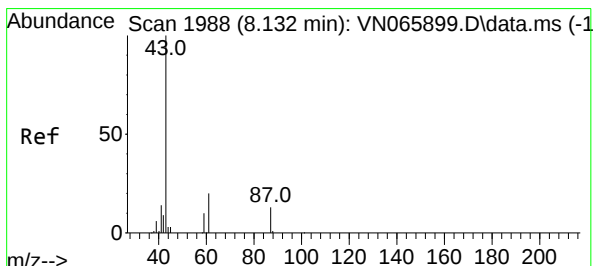
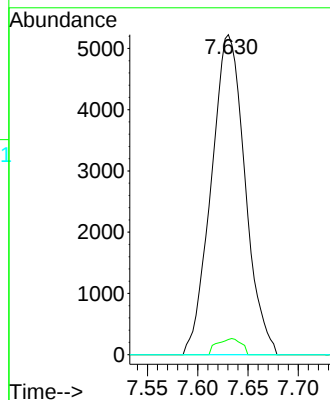
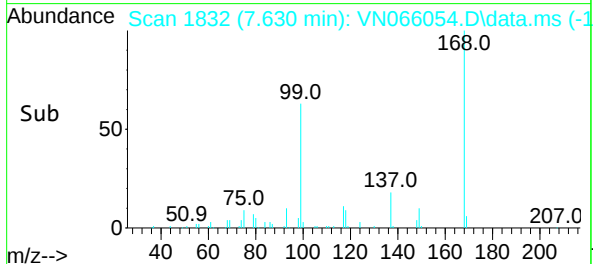


#38
Carbon Tetrachloride
Concen: 7.12 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

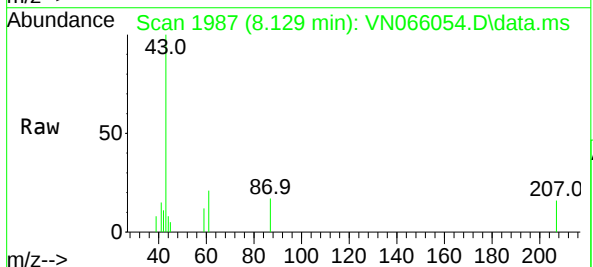
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#02



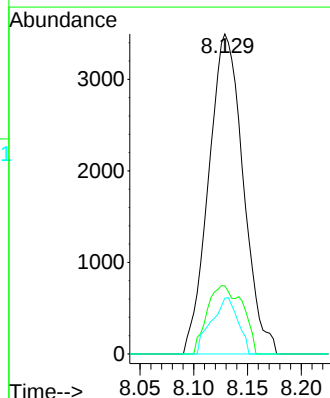
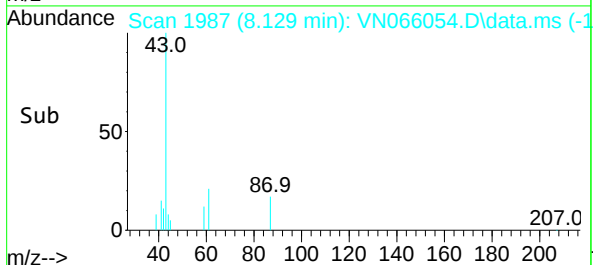
Tgt Ion:117 Resp: 12208
Ion Ratio Lower Upper
117 100
119 4.8 76.0 114.0#
121 0.0 24.5 36.7#

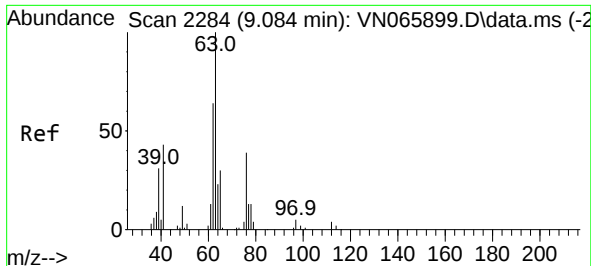


#43
Isopropyl Acetate
Concen: 2.94 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.003 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19



Tgt Ion: 43 Resp: 7809
Ion Ratio Lower Upper
43 100
61 21.9 22.5 33.7#
87 13.5 11.1 16.7





#45

1,2-Dichloropropane

Concen: 0.25 ug/l

RT: 9.235 min Scan# 2331

Delta R.T. 0.151 min

Lab File: VN066054.D

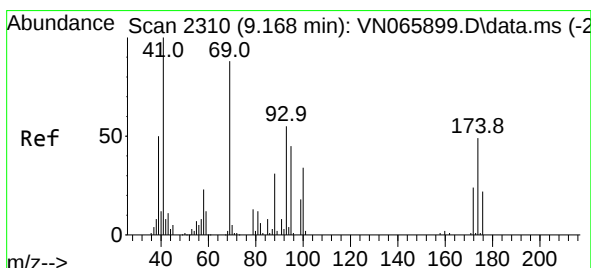
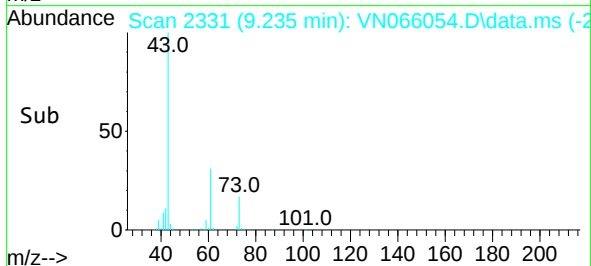
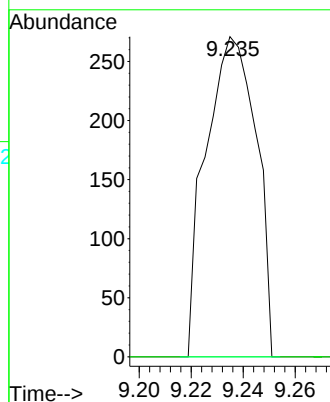
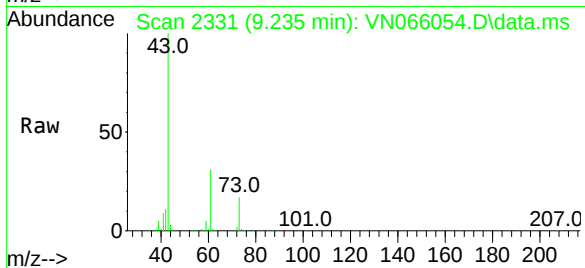
Acq: 26 Feb 2021 16:19

Tgt Ion: 63 Resp: 364

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 1.21 ug/l

RT: 9.138 min Scan# 2301

Delta R.T. -0.030 min

Lab File: VN066054.D

Acq: 26 Feb 2021 16:19

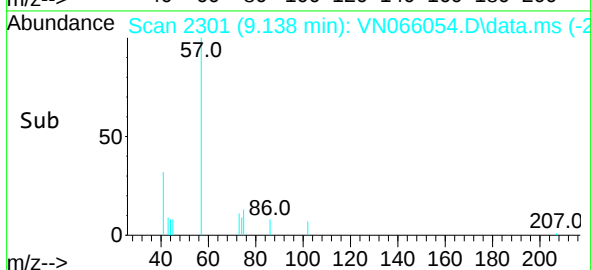
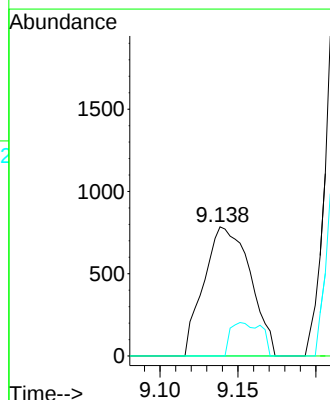
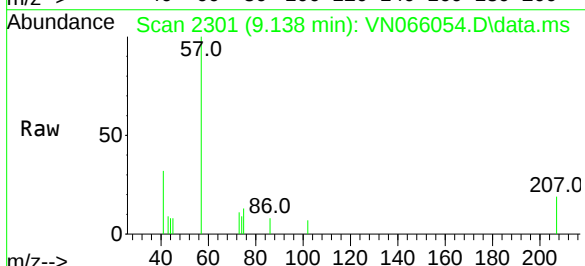
Tgt Ion: 41 Resp: 1630

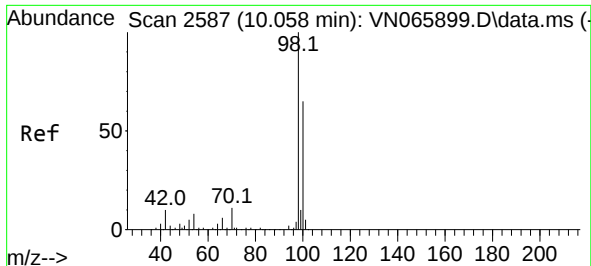
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

39 0.0 46.6 69.8#

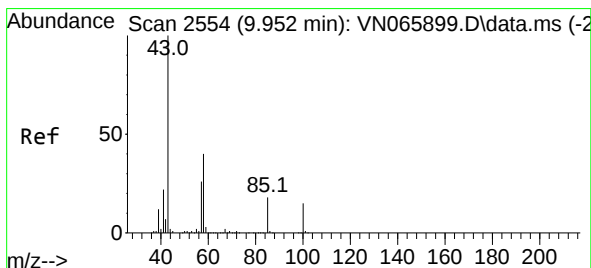
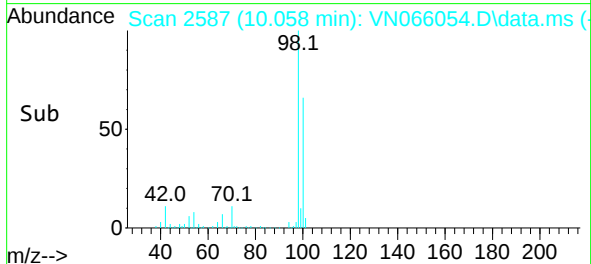
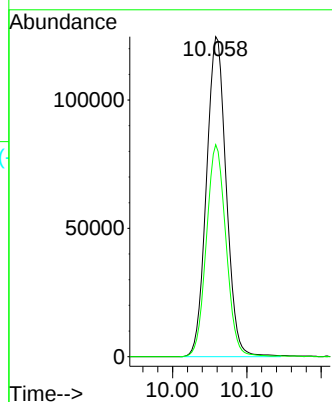
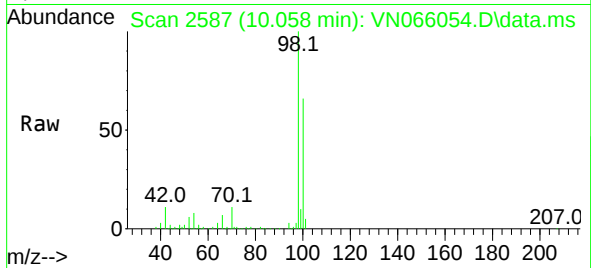




#50
Toluene-d8
Concen: 48.41 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

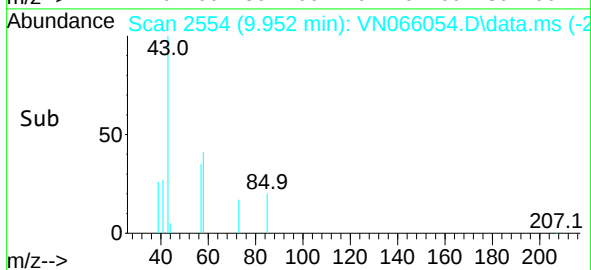
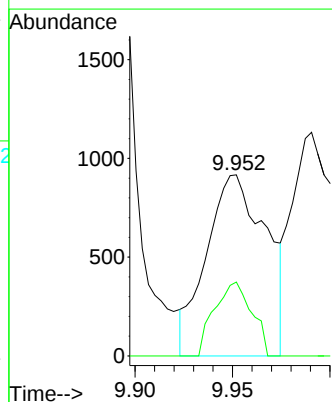
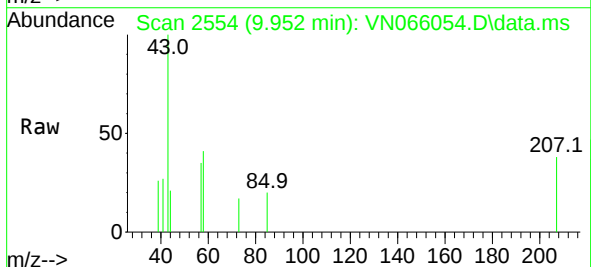
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#02

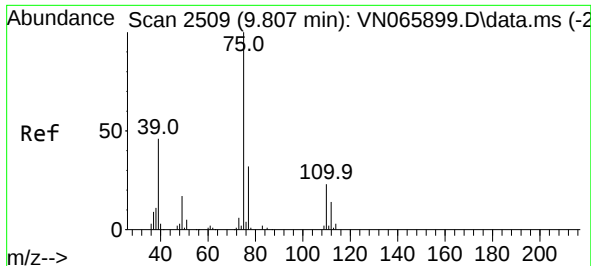
Tgt Ion: 98 Resp: 230123
Ion Ratio Lower Upper
98 100
100 65.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.21 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

Tgt Ion: 43 Resp: 1953
Ion Ratio Lower Upper
43 100
58 25.6 32.5 48.7#

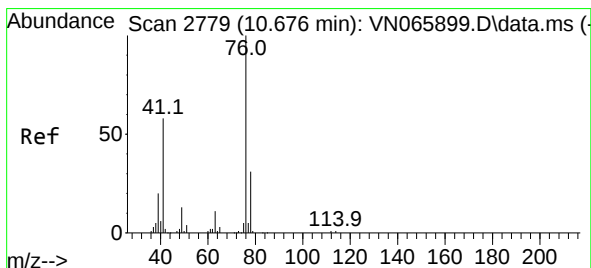
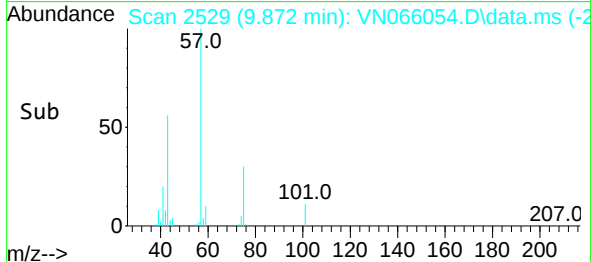
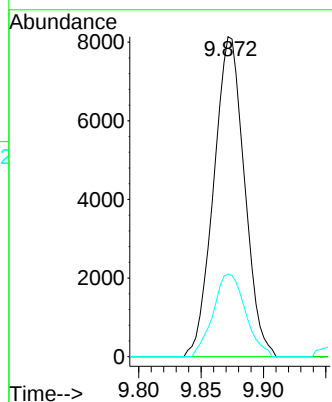
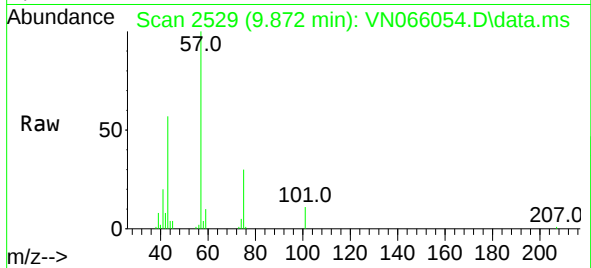




#54
cis-1,3-Dichloropropene
Concen: 6.26 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

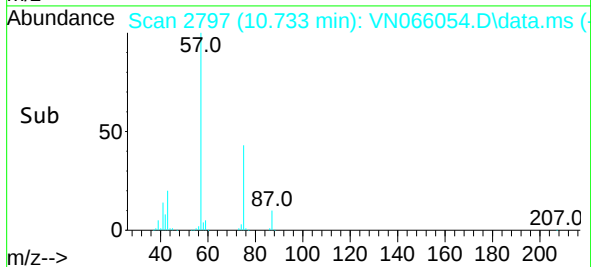
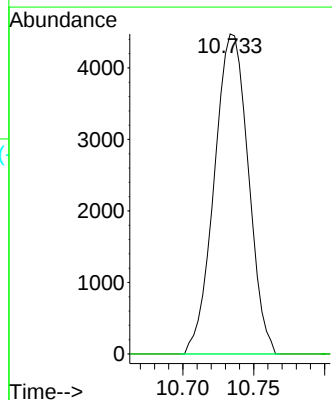
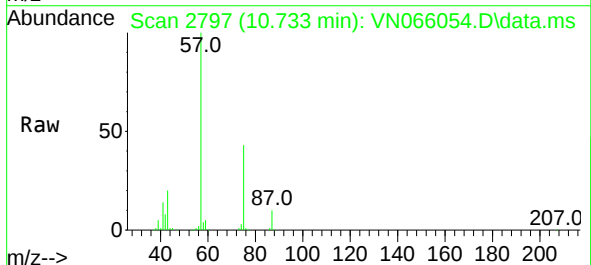
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#02

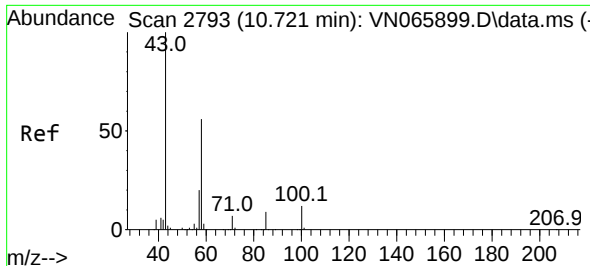
Tgt Ion: 75 Resp: 13950
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 25.9 36.2 54.4#



#57
1,3-Dichloropropane
Concen: 3.26 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.057 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

Tgt Ion: 76 Resp: 7481
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

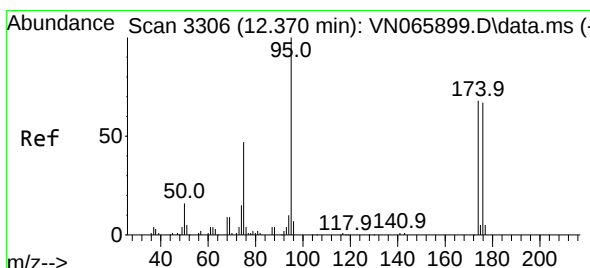
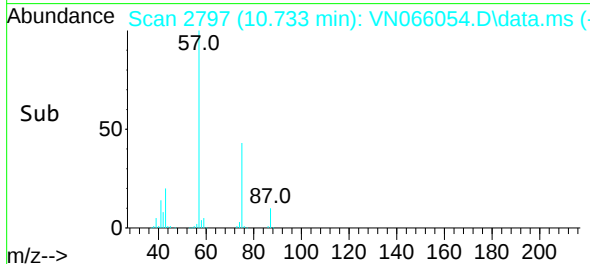
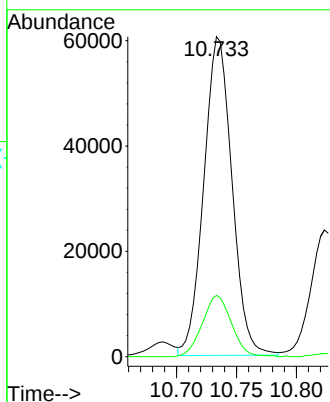
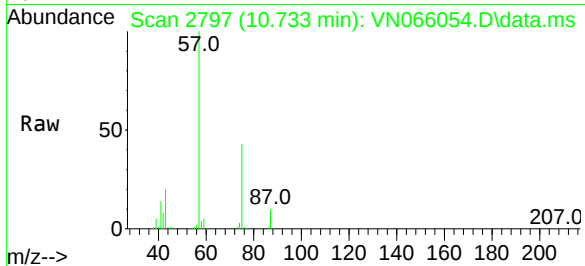




#59
2-Hexanone
Concen: 85.92 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.012 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

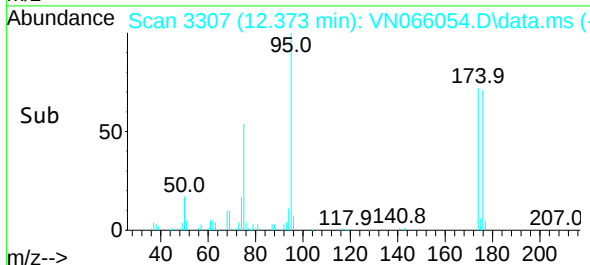
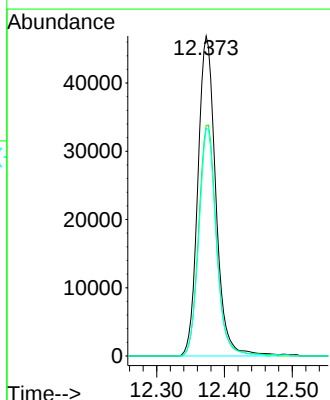
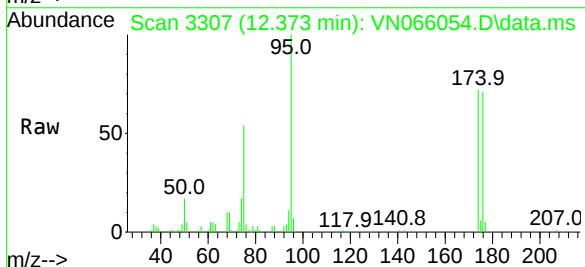
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#02

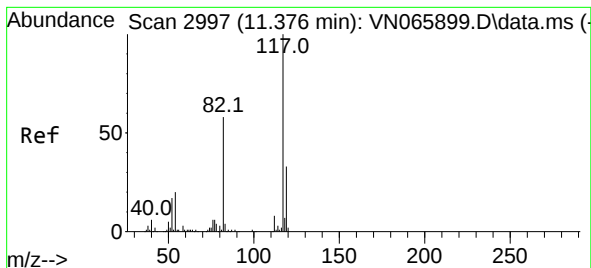
Tgt Ion: 43 Resp: 98887
Ion Ratio Lower Upper
43 100
58 19.9 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 48.05 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

Tgt Ion: 95 Resp: 85759
Ion Ratio Lower Upper
95 100
174 72.0 0.0 169.0
176 69.4 0.0 162.4

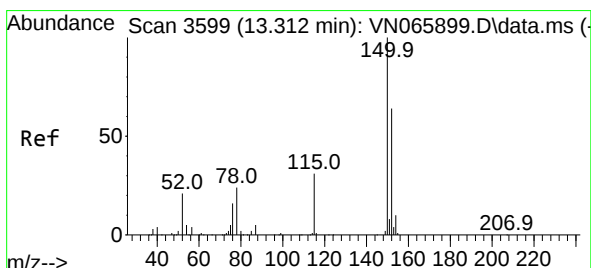
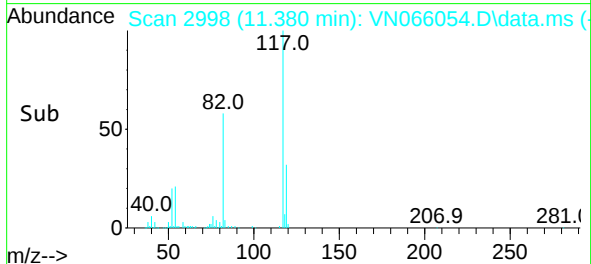
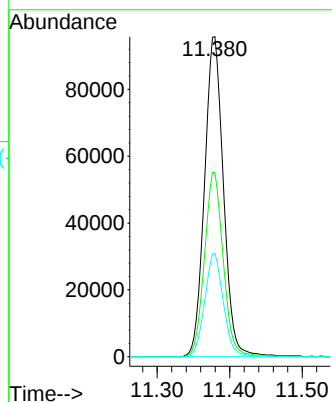
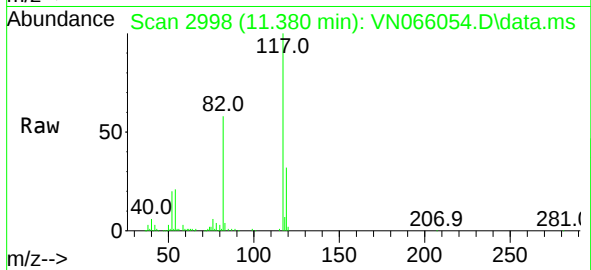




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

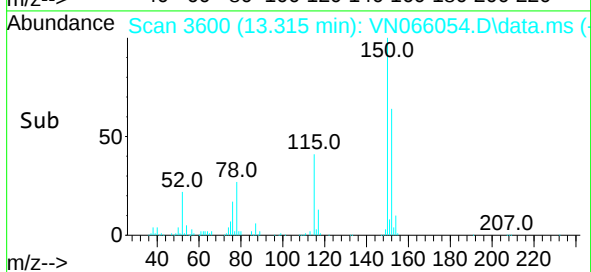
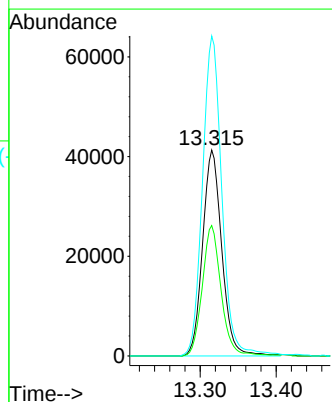
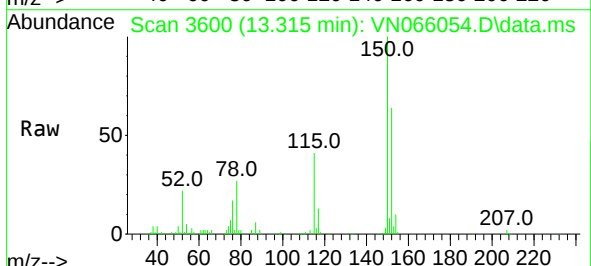
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#02

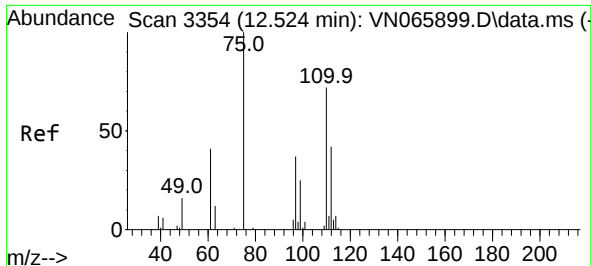
Tgt Ion:117 Resp: 173839
Ion Ratio Lower Upper
117 100
82 57.5 43.7 65.5
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

Tgt Ion:152 Resp: 72430
Ion Ratio Lower Upper
152 100
115 62.1 28.5 85.6
150 156.9 0.0 347.6

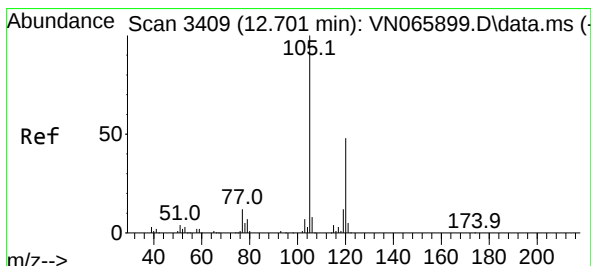
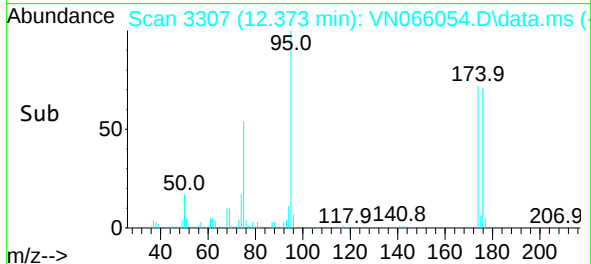
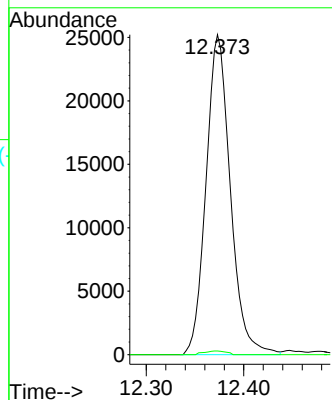
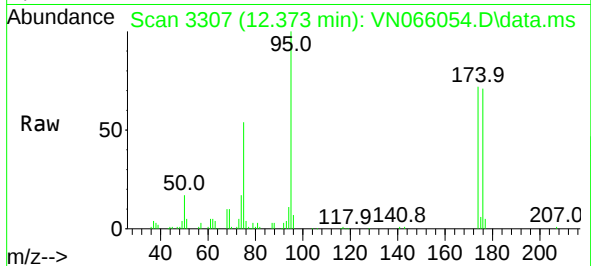




#76
1,2,3-Trichloropropane
Concen: 25.12 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

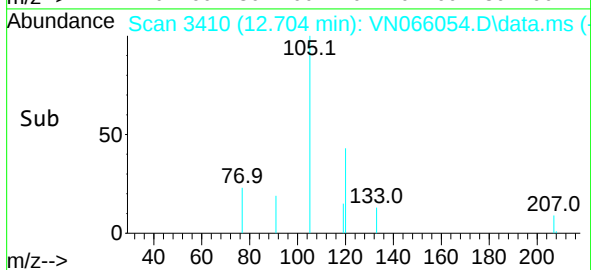
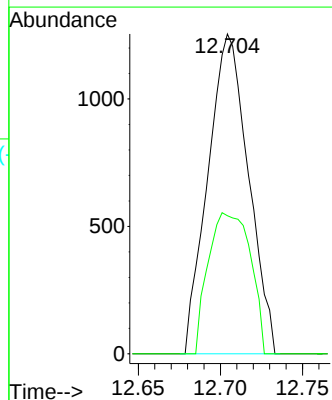
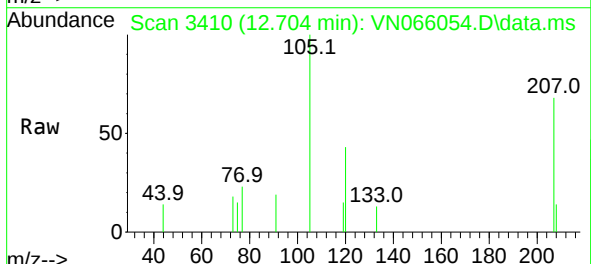
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#02

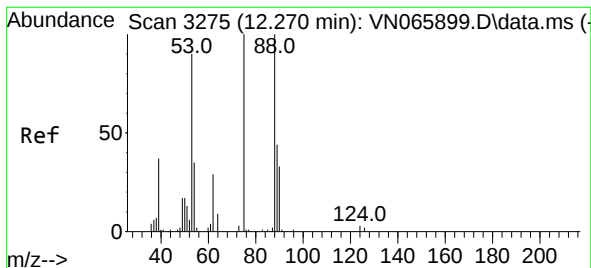
Tgt Ion: 75 Resp: 43716
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.43 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

Tgt Ion:105 Resp: 2147
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.8

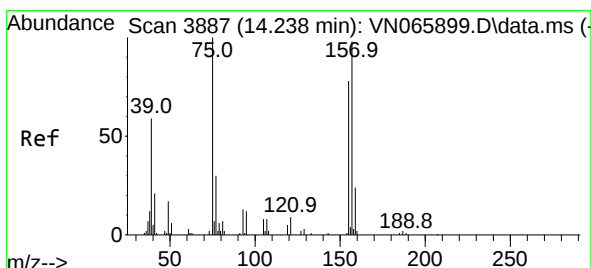
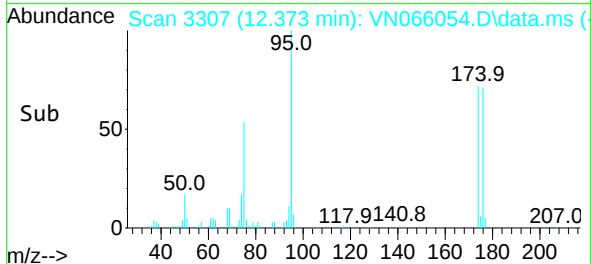
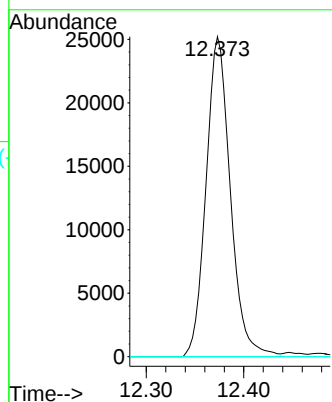
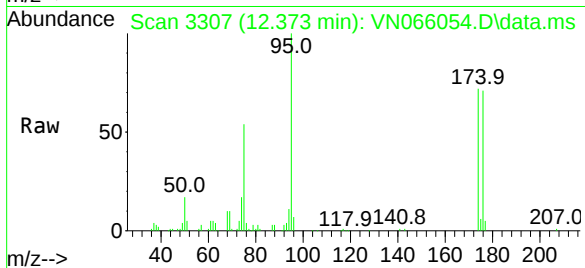




#81
trans-1,4-Dichloro-2-butene
Concen: 80.07 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#02

Tgt Ion: 75 Resp: 43716
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: 1.54 ug/l
RT: 14.257 min Scan# 3893
Delta R.T. 0.019 min
Lab File: VN066054.D
Acq: 26 Feb 2021 16:19

Tgt Ion: 75 Resp: 241
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

