

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066053.D
 Acq On : 26 Feb 2021 15:58
 Operator : JC/MD
 Sample : PB134837ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134837ZHE#01

Quant Time: Feb 26 23:34:24 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)

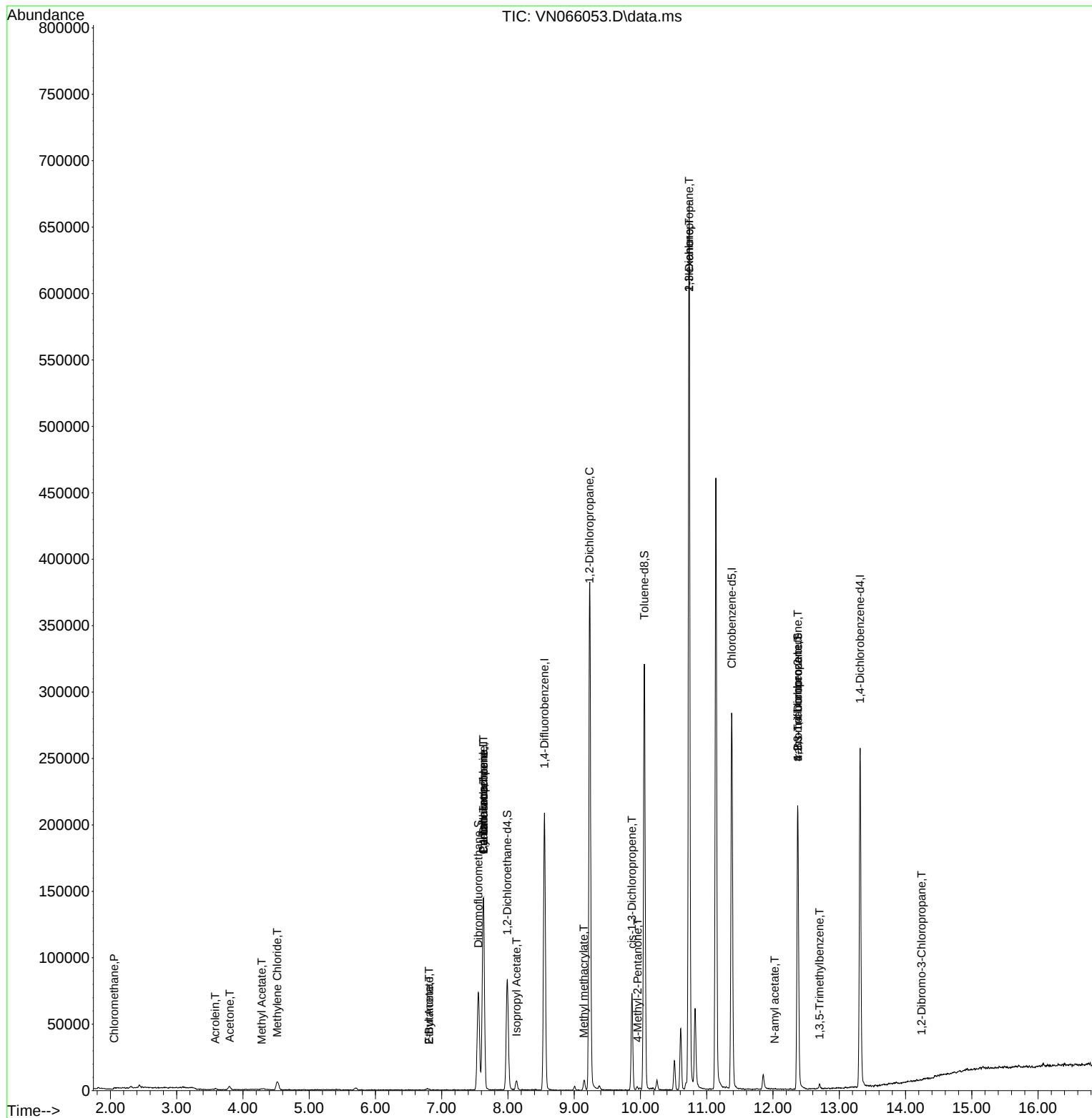
Internal Standards						
1) Pentafluorobenzene	7.630	168	116217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	187472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	171202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	72425	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	79047	48.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.28%		
35) Dibromofluoromethane	7.553	113	58022	50.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.02%		
50) Toluene-d8	10.058	98	228870	48.05	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.10%		
62) 4-Bromofluorobenzene	12.373	95	84437	47.23	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.46%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	678	0.36	ug/l	93
13) Acrolein	3.582	56	672	3.25	ug/l	87
16) Acetone	3.801	43	4900	8.05	ug/l	89
18) Methyl Acetate	4.283	43	511	0.38	ug/l #	51
20) Methylene Chloride	4.518	84	5236	3.47	ug/l	97
25) 2-Butanone	6.807	43	504	0.63	ug/l #	46
31) Cyclohexane	7.627	56	2312	0.95	ug/l #	4
36) 1,1-Dichloropropene	7.627	75	8856	4.79	ug/l #	49
37) Ethyl Acetate	6.807	43	504	0.30	ug/l #	68
38) Carbon Tetrachloride	7.627	117	11840	6.89	ug/l #	16
43) Isopropyl Acetate	8.129	43	7855	2.95	ug/l #	89
45) 1,2-Dichloropropane	9.228	63	413	0.28	ug/l #	44
48) Methyl methacrylate	9.142	41	1720	1.28	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	1730	1.07	ug/l #	86
54) cis-1,3-Dichloropropene	9.872	75	14149	6.33	ug/l #	57
57) 1,3-Dichloropropane	10.733	76	7340	3.19	ug/l #	43
59) 2-Hexanone	10.733	43	98080	85.06	ug/l #	49
74) N-amyl acetate	12.026	43	747	0.36	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	43496	25.00	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.701	105	2230	0.44	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	43496	79.67	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.241	75	232	1.51	ug/l #	1

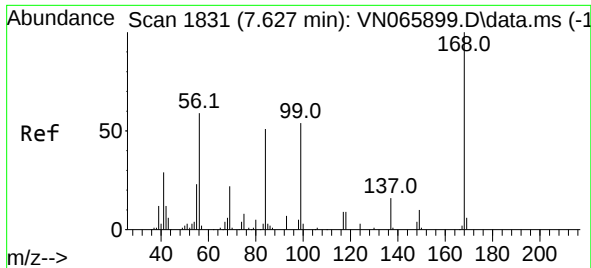
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
Data File : VN066053.D
Acq On : 26 Feb 2021 15:58
Operator : JC/MD
Sample : PB134837ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

Quant Time: Feb 26 23:34:24 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

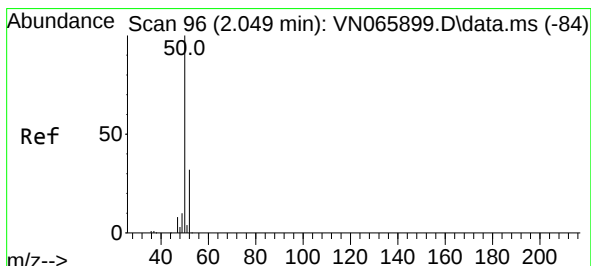
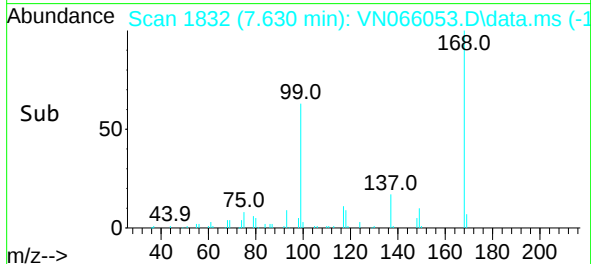
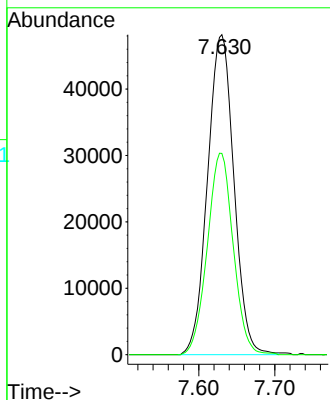
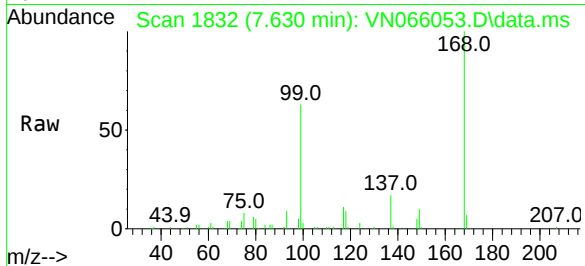




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

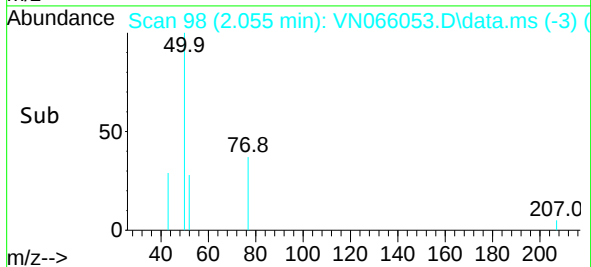
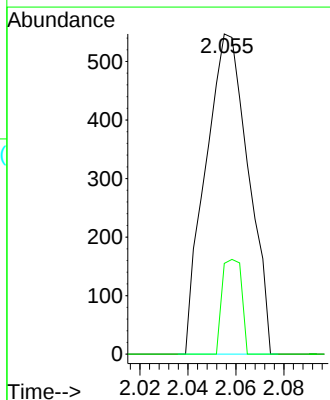
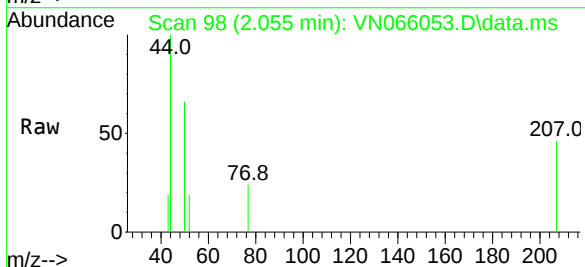
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

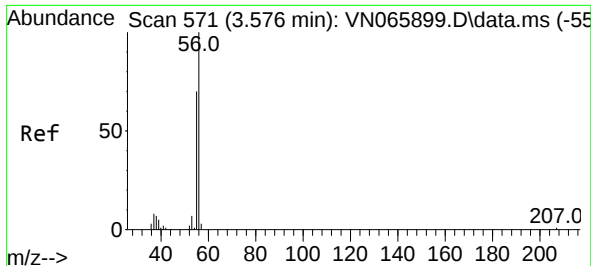
Tgt Ion:168 Resp: 116217
Ion Ratio Lower Upper
168 100
99 62.9 42.6 63.8



#3
Chloromethane
Concen: 0.36 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Tgt Ion: 50 Resp: 678
Ion Ratio Lower Upper
50 100
52 28.3 25.8 38.8

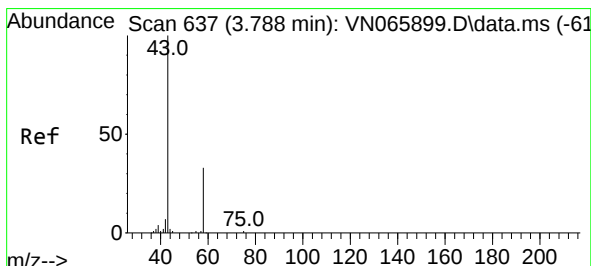
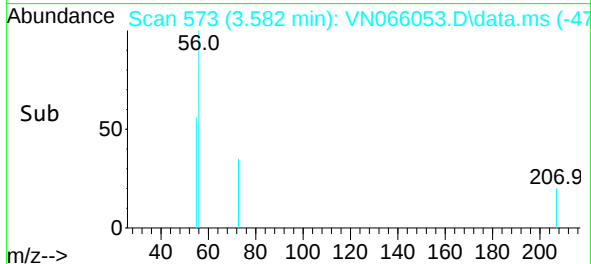
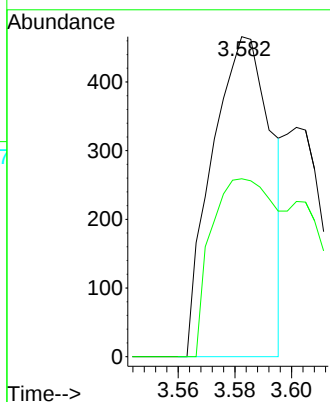
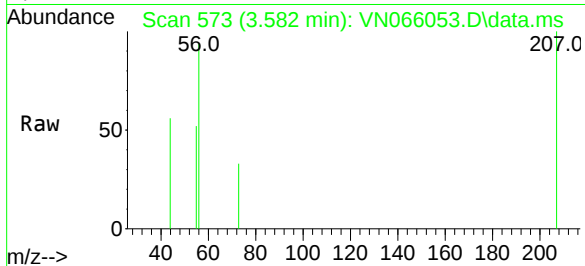




#13
Acrolein
Concen: 3.25 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.006 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

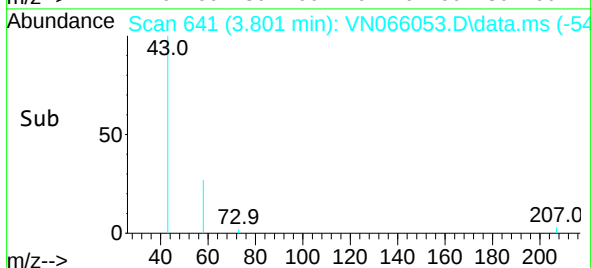
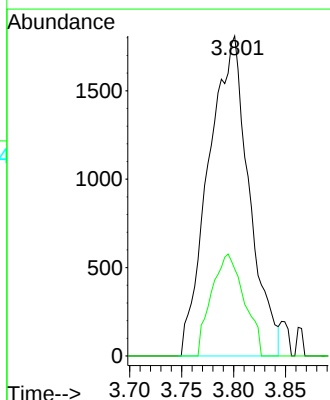
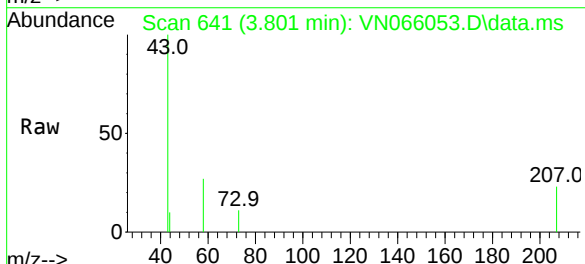
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

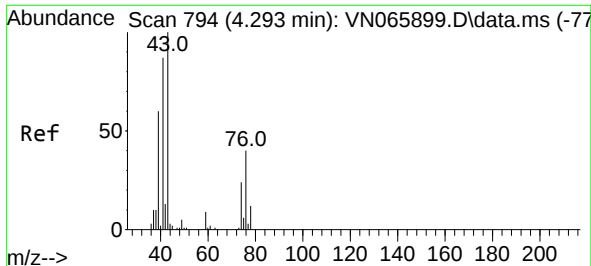
Tgt Ion: 56 Resp: 672
Ion Ratio Lower Upper
56 100
55 59.1 56.0 84.0



#16
Acetone
Concen: 8.05 ug/l
RT: 3.801 min Scan# 641
Delta R.T. 0.013 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

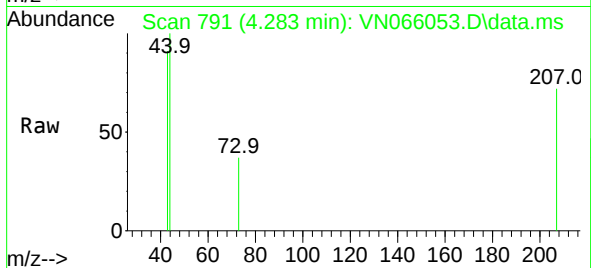
Tgt Ion: 43 Resp: 4900
Ion Ratio Lower Upper
43 100
58 27.2 27.0 40.6



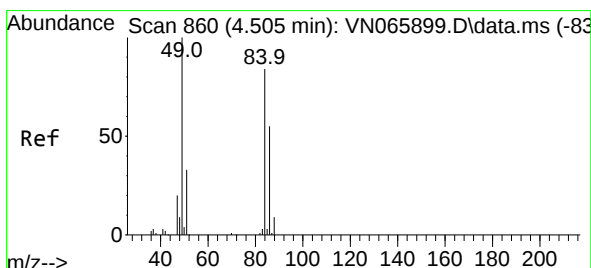
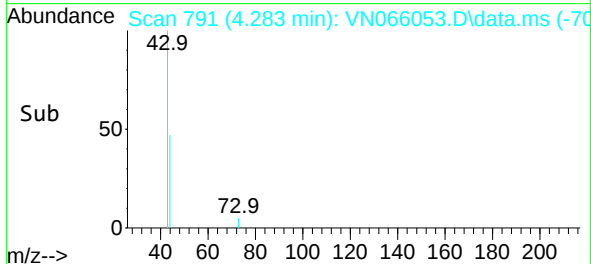
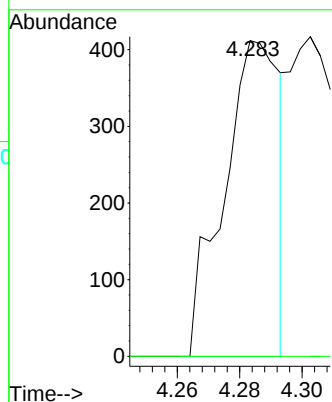


#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 4.283 min Scan# 791
Delta R.T. -0.010 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

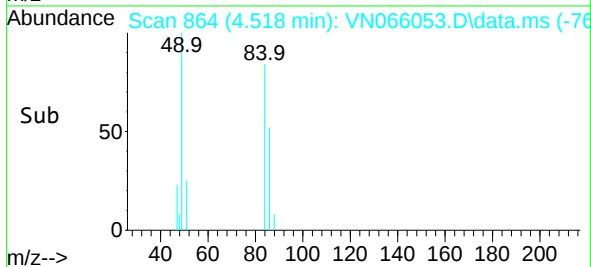
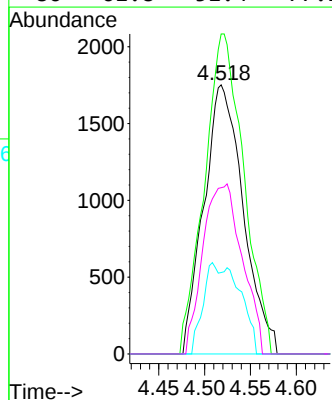
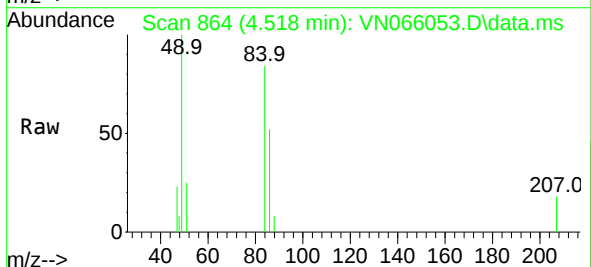


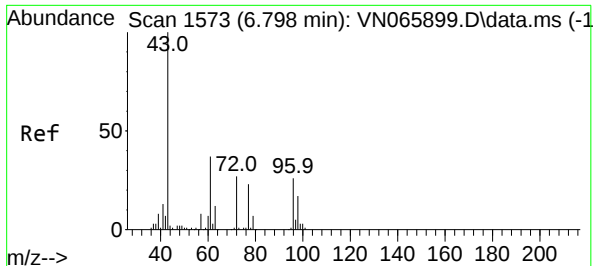
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#20
Methylene Chloride
Concen: 3.47 ug/l
RT: 4.518 min Scan# 864
Delta R.T. 0.013 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Tgt Ion: 84 Resp: 5236
Ion Ratio Lower Upper
84 100
49 118.9 94.6 141.8
51 30.3 29.9 44.9
86 61.8 51.4 77.2

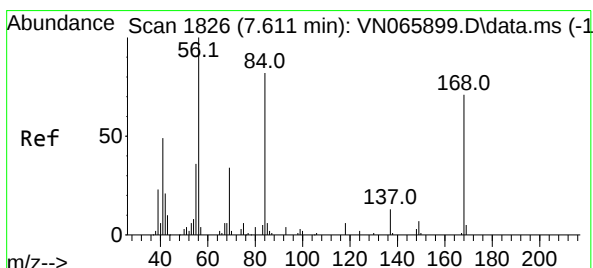
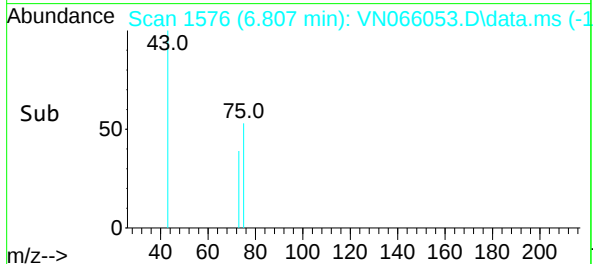
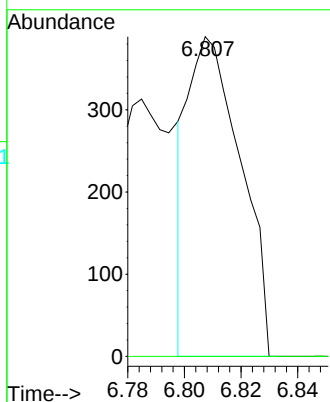
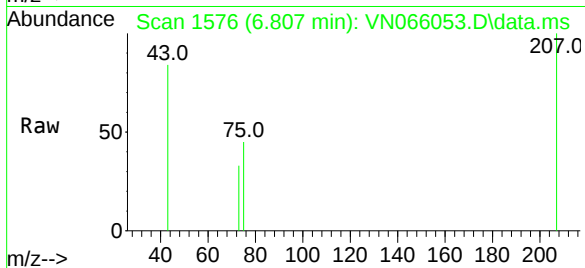




#25
2-Butanone
Concen: 0.63 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

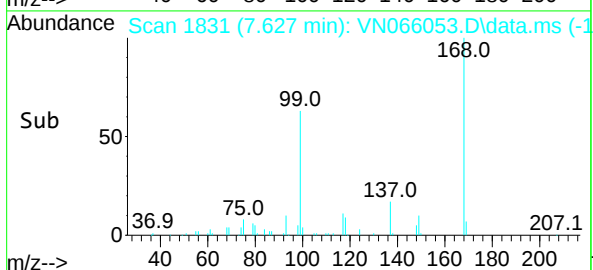
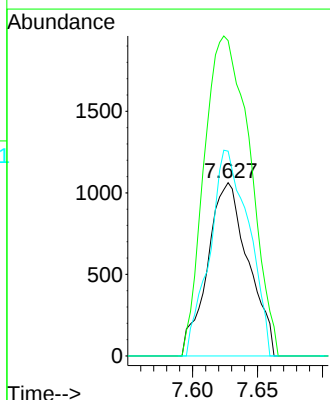
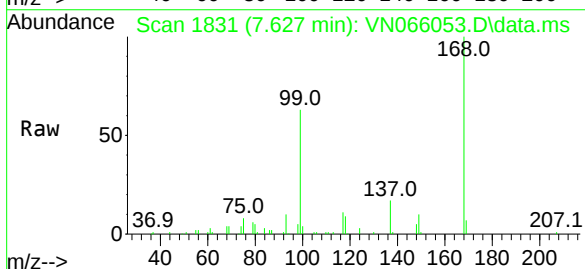
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

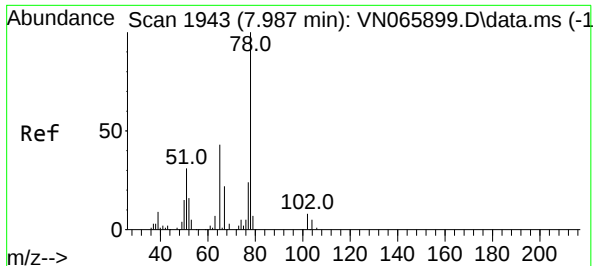
Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.95 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Tgt Ion: 56 Resp: 2312
Ion Ratio Lower Upper
56 100
69 182.1 26.6 39.8#
84 118.3 70.4 105.6#



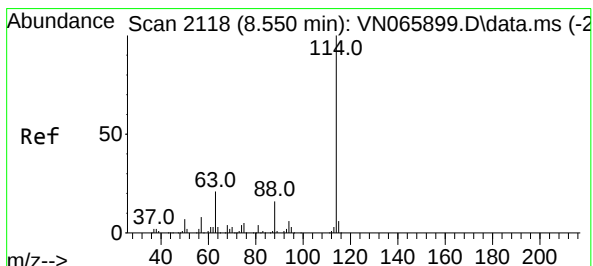
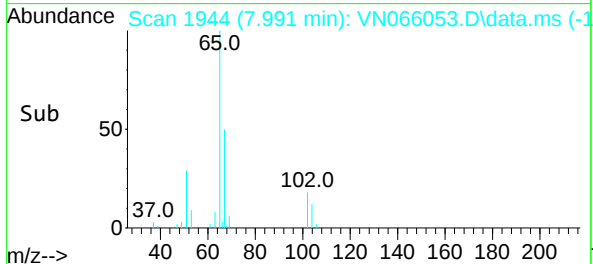
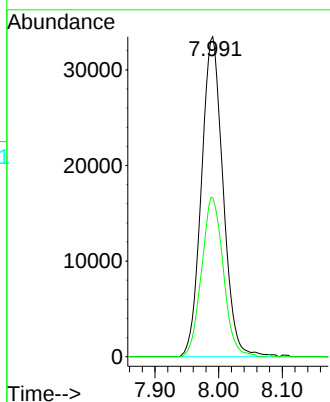
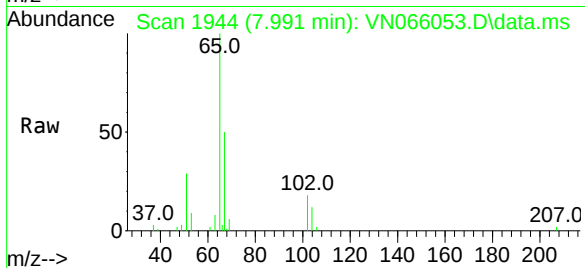


#33

1,2-Dichloroethane-d4
Concen: 48.64 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

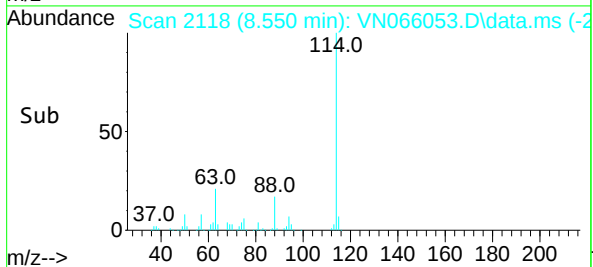
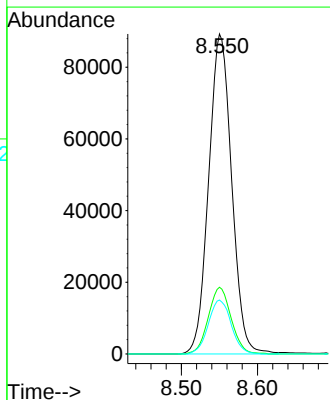
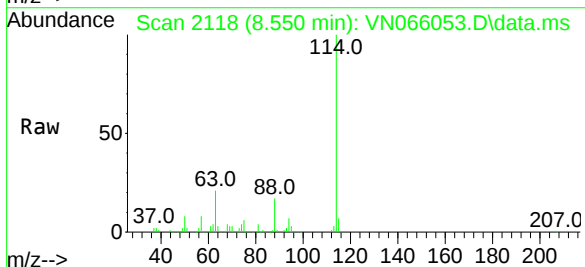
Tgt Ion: 65 Resp: 79047
Ion Ratio Lower Upper
65 100
67 49.9 0.0 107.2

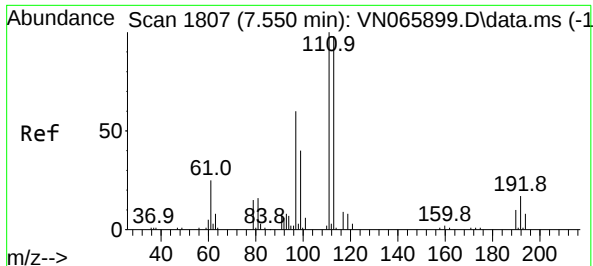


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Tgt Ion: 114 Resp: 187472
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.6
88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.01 ug/l

RT: 7.553 min Scan# 1808

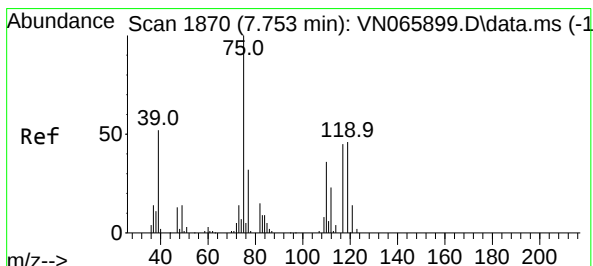
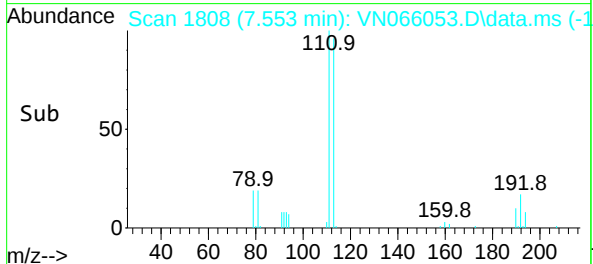
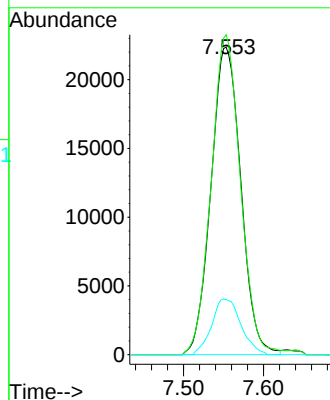
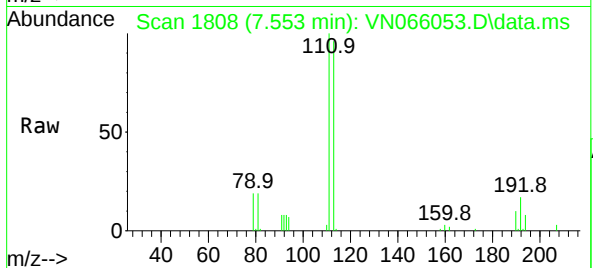
Delta R.T. 0.003 min

Lab File: VN066053.D

Acq: 26 Feb 2021 15:58

Tgt Ion:	113	Resp:	58022
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.2
192	17.7	15.4	23.0

Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01



#36

1,1-Dichloropropene

Concen: 4.79 ug/l

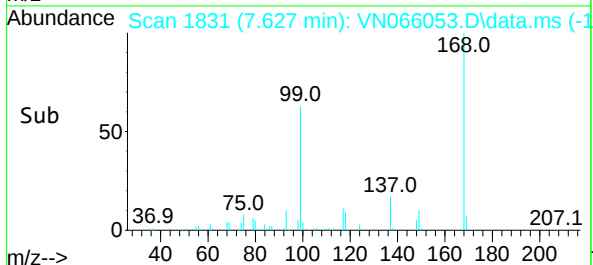
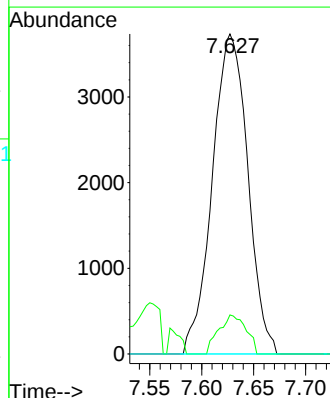
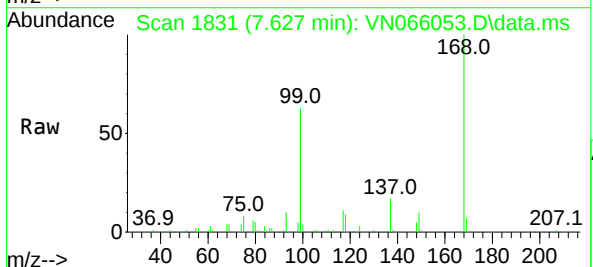
RT: 7.627 min Scan# 1831

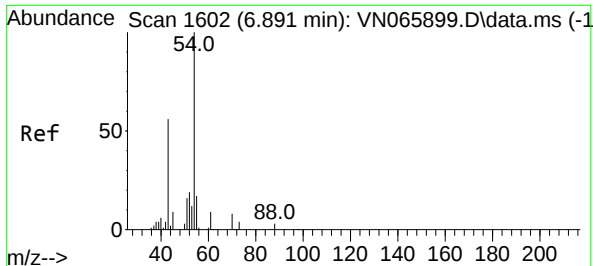
Delta R.T. -0.126 min

Lab File: VN066053.D

Acq: 26 Feb 2021 15:58

Tgt Ion:	75	Resp:	8856
Ion Ratio	Lower	Upper	
75	100		
110	9.4	18.2	54.6#
77	0.0	24.9	37.3#





#37

Ethyl Acetate

Concen: 0.30 ug/l

RT: 6.807 min Scan# 1576

Delta R.T. -0.084 min

Lab File: VN066053.D

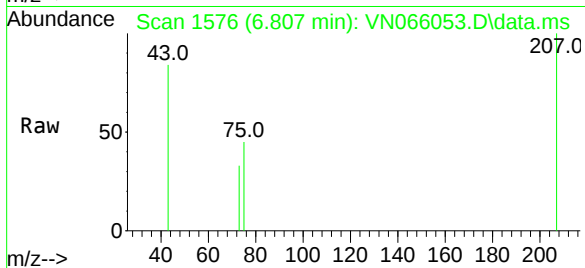
Acq: 26 Feb 2021 15:58

Instrument :

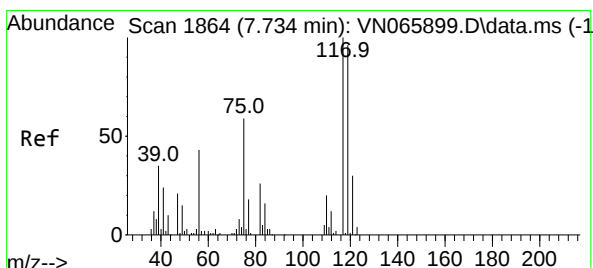
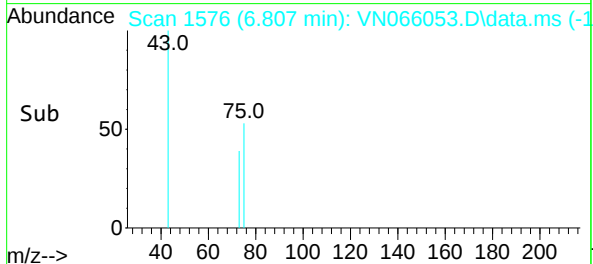
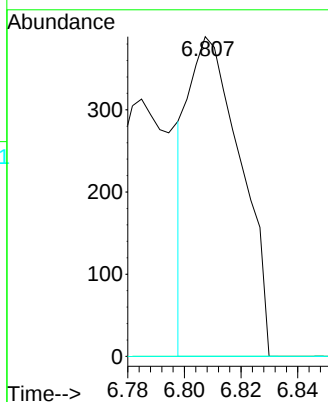
MSVOA_N

ClientSampleId :

PB134837ZHE#01



Tgt Ion:	43	Resp:	504
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.89 ug/l

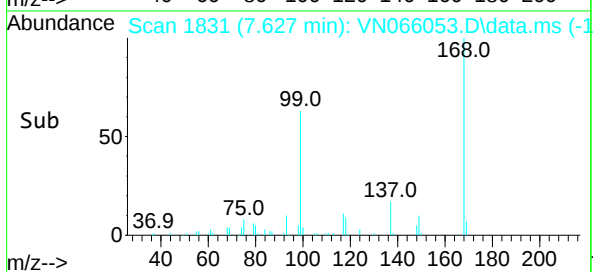
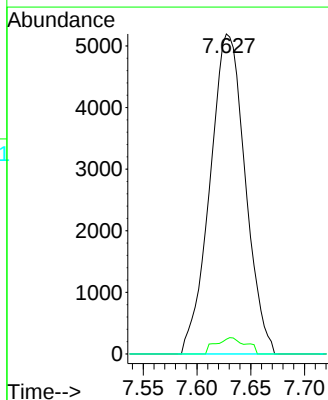
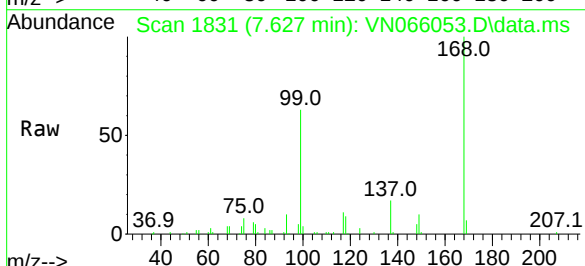
RT: 7.627 min Scan# 1831

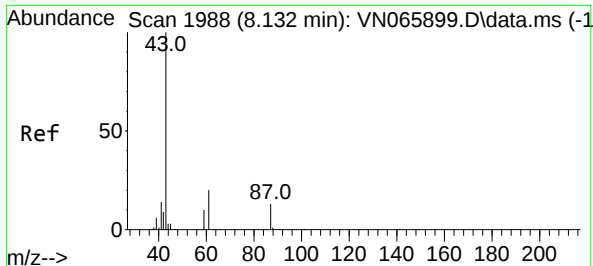
Delta R.T. -0.107 min

Lab File: VN066053.D

Acq: 26 Feb 2021 15:58

Tgt Ion:	117	Resp:	11840
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.0	114.0#
121	0.0	24.5	36.7#



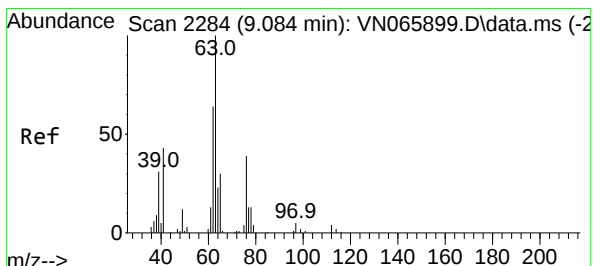
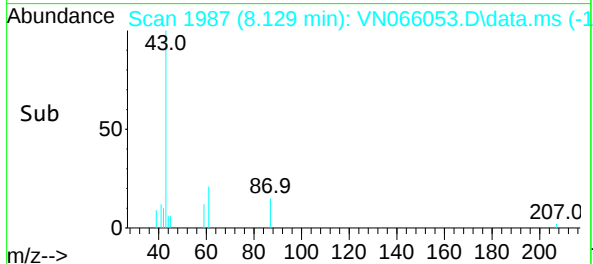
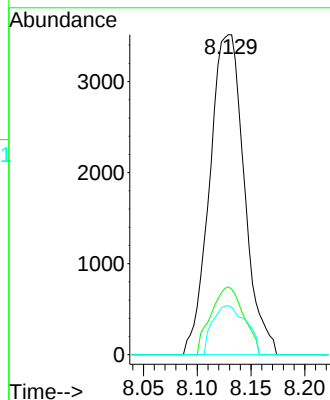
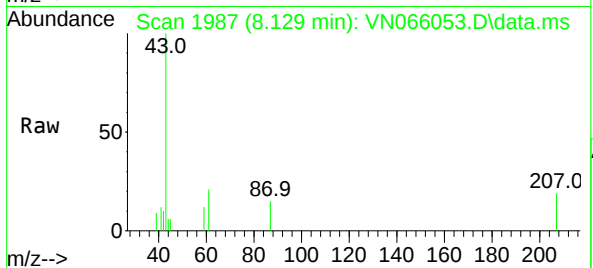


#43

Isopropyl Acetate
Concen: 2.95 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.003 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

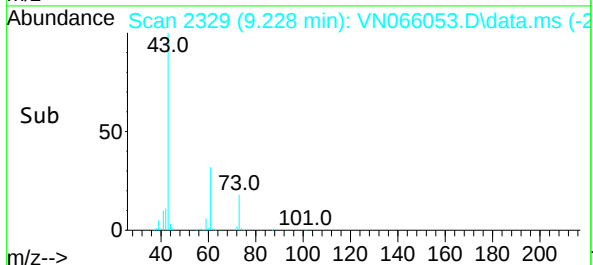
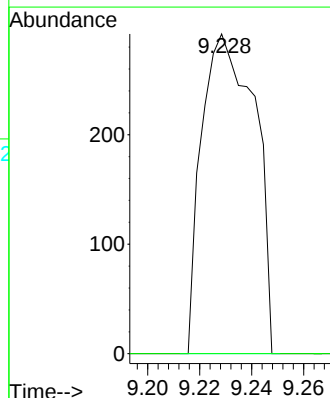
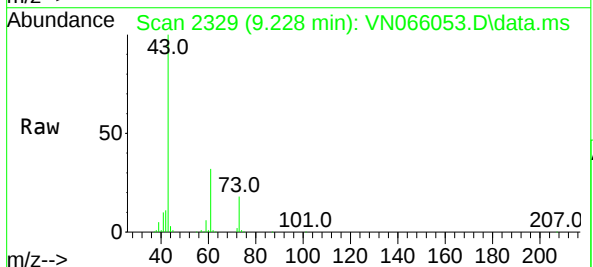
Tgt Ion: 43 Resp: 7855
Ion Ratio Lower Upper
43 100
61 20.0 22.5 33.7#
87 14.8 11.1 16.7

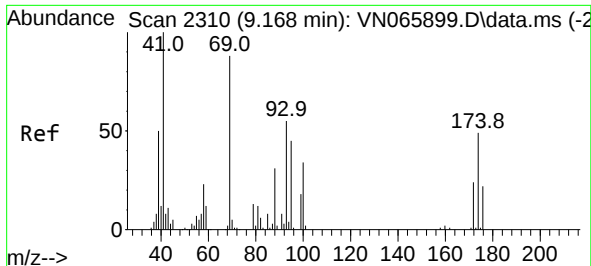


#45

1,2-Dichloropropane
Concen: 0.28 ug/l
RT: 9.228 min Scan# 2329
Delta R.T. 0.144 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

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

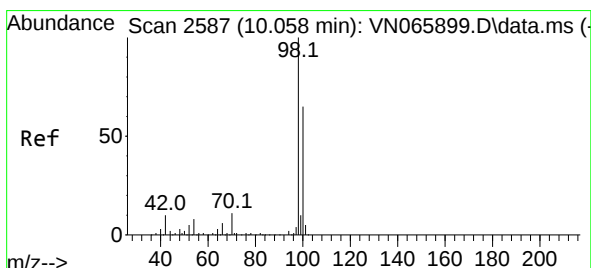
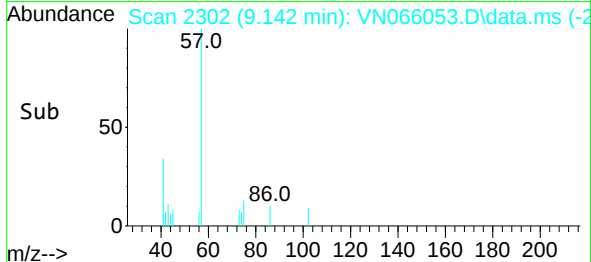
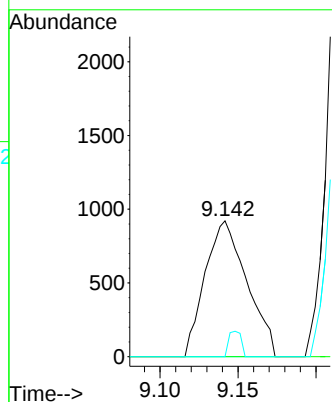
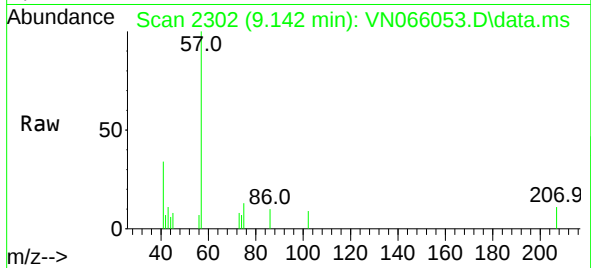




#48
Methyl methacrylate
Concen: 1.28 ug/l
RT: 9.142 min Scan# 2302
Delta R.T. -0.026 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

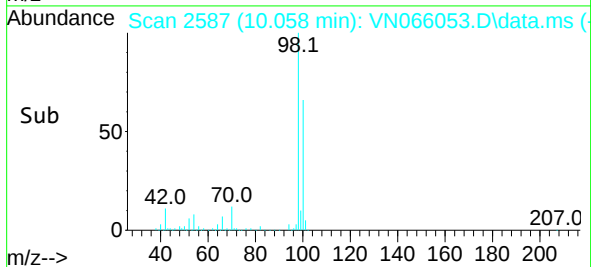
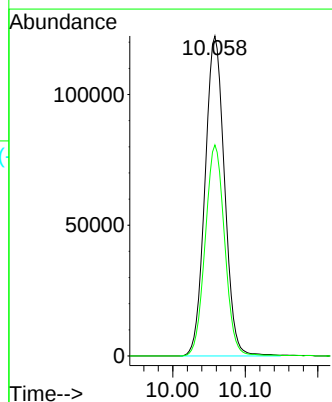
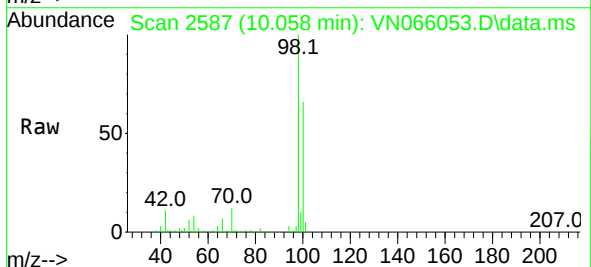
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

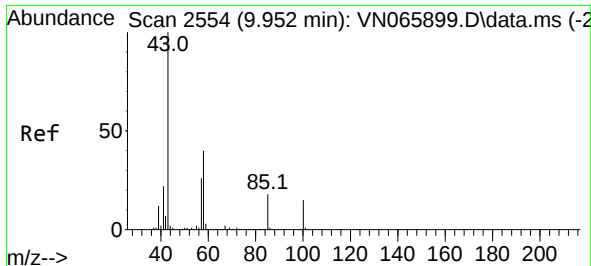
Tgt Ion: 41 Resp: 1720
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 48.05 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Tgt Ion: 98 Resp: 228870
Ion Ratio Lower Upper
98 100
100 65.7 50.5 75.7

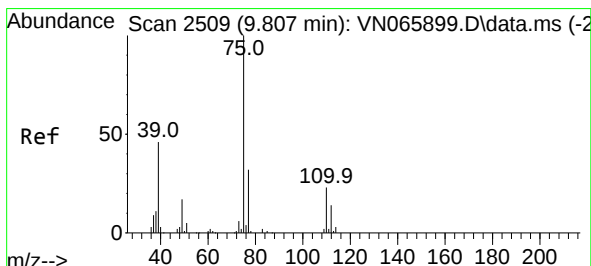
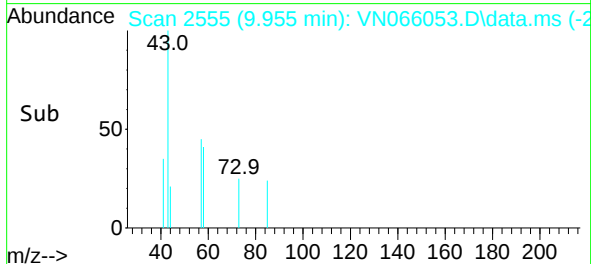
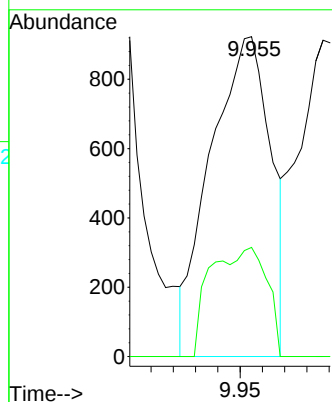
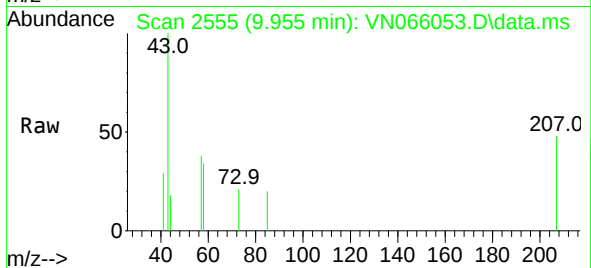




#51
4-Methyl-2-Pentanone
Concen: 1.07 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

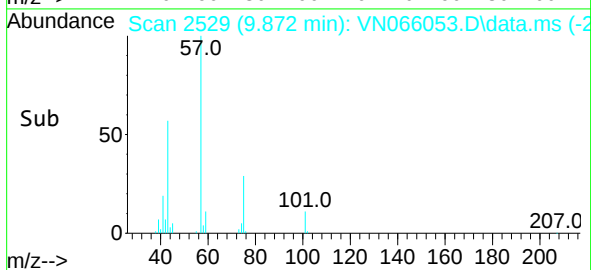
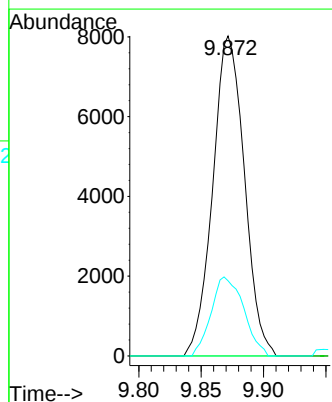
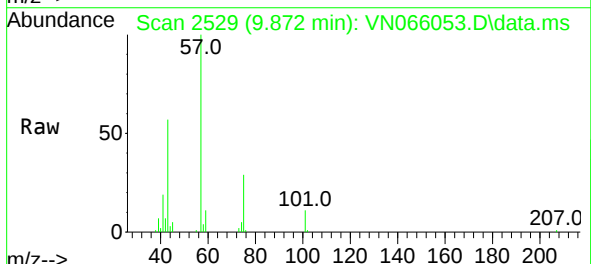
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

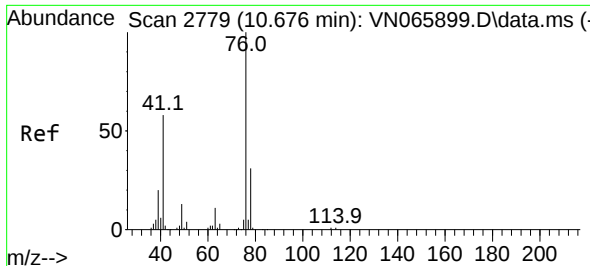
Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
58 31.9 32.5 48.7#



#54
cis-1,3-Dichloropropene
Concen: 6.33 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Tgt Ion: 75 Resp: 14149
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 23.5 36.2 54.4#

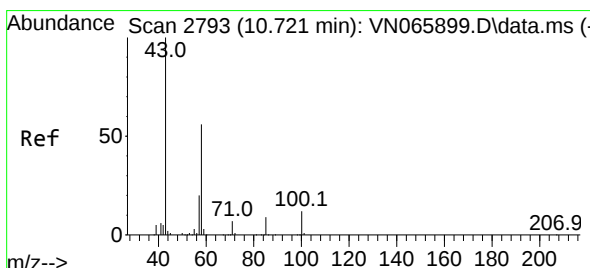
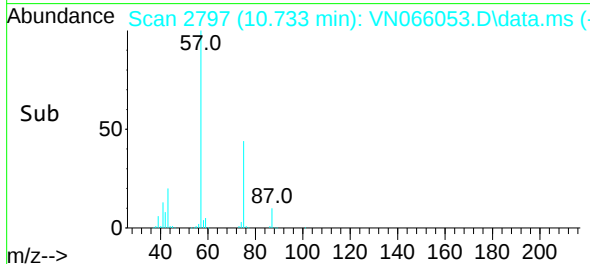
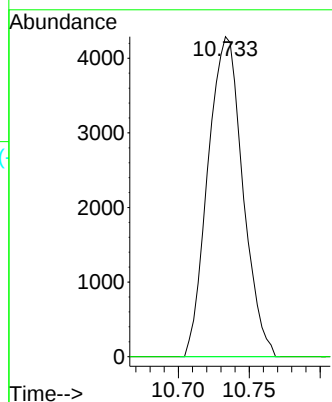
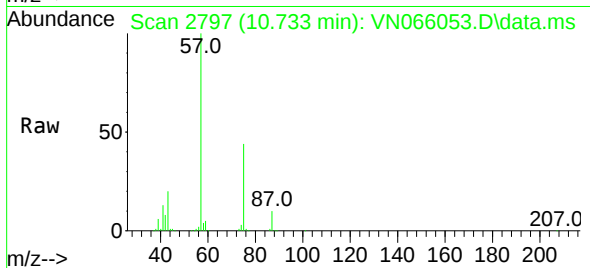




#57
1,3-Dichloropropane
Concen: 3.19 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.057 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

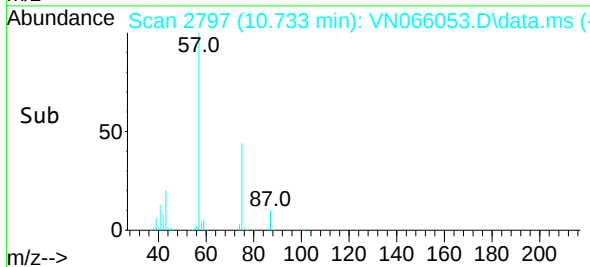
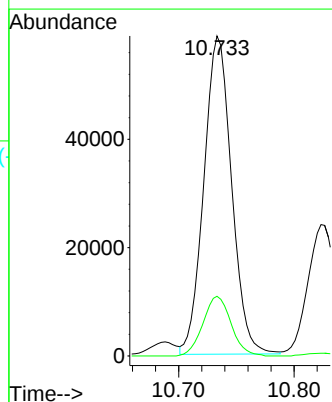
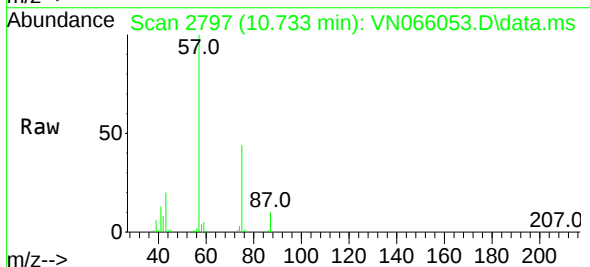
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

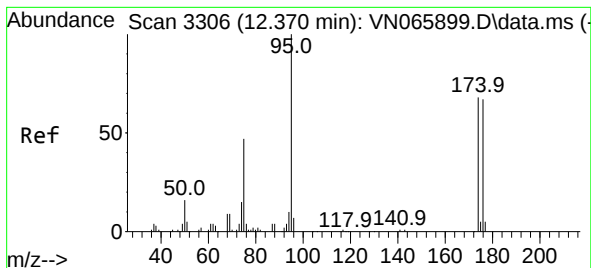
Tgt Ion: 76 Resp: 7340
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 85.06 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.012 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Tgt Ion: 43 Resp: 98080
Ion Ratio Lower Upper
43 100
58 19.0 28.1 84.3#

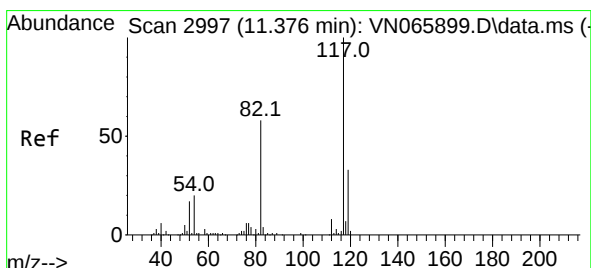
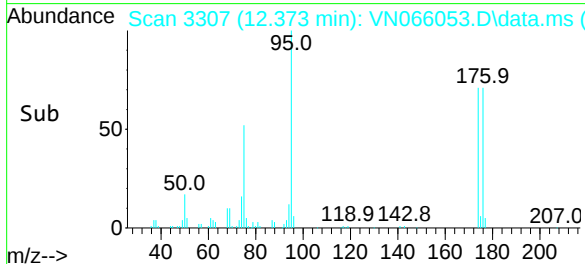
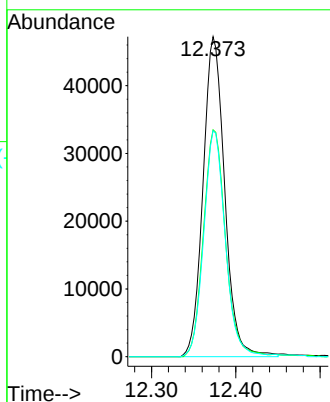
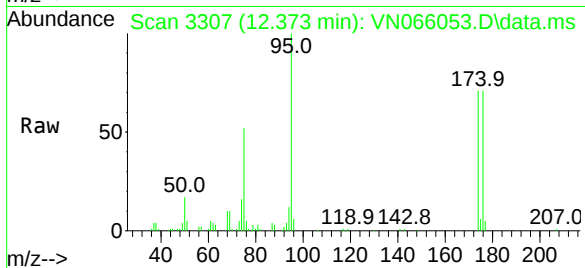




#62
4-Bromofluorobenzene
Concen: 47.23 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

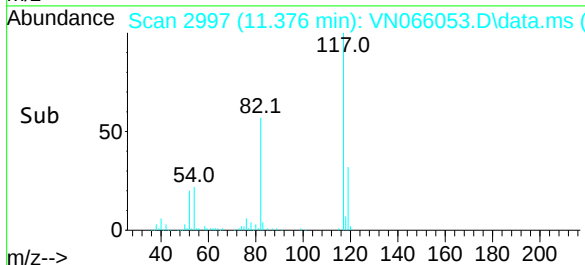
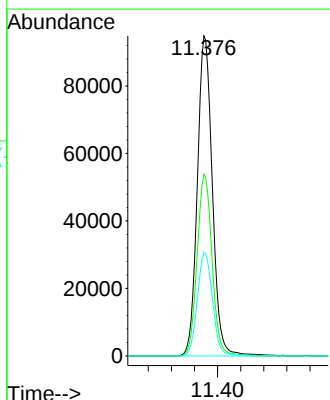
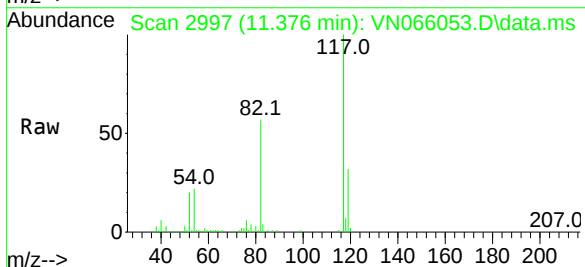
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

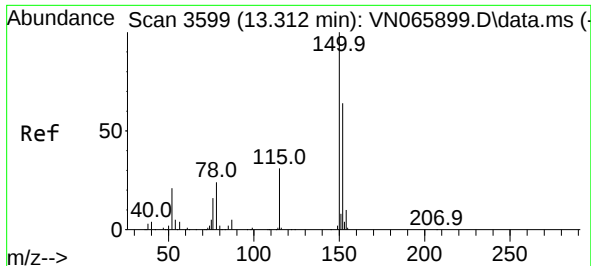
Tgt Ion: 95 Resp: 84437
Ion Ratio Lower Upper
95 100
174 72.1 0.0 169.0
176 70.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Tgt Ion: 117 Resp: 171202
Ion Ratio Lower Upper
117 100
82 56.8 43.7 65.5
119 32.3 26.1 39.1

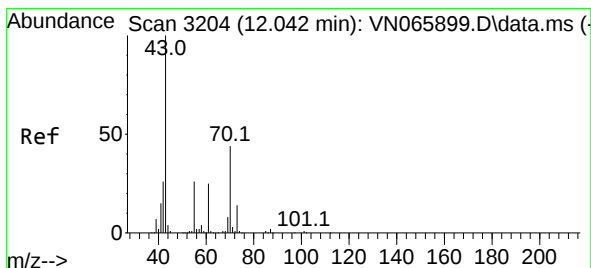
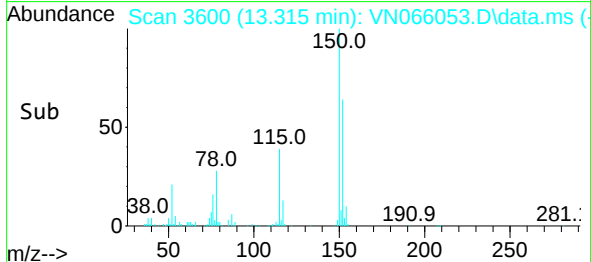
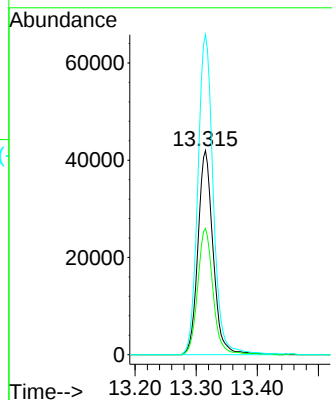
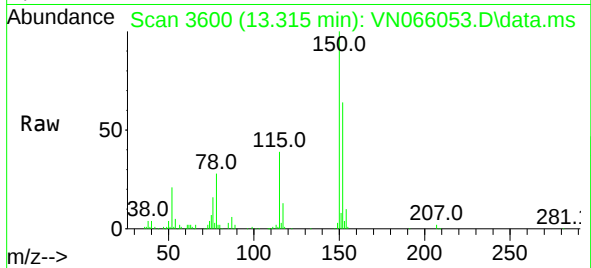




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

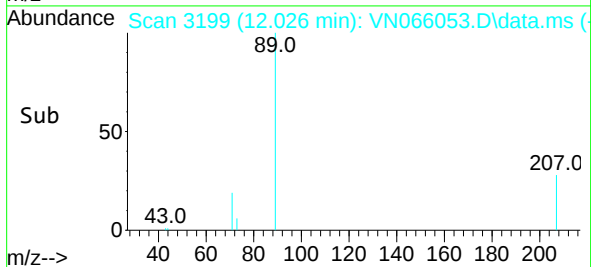
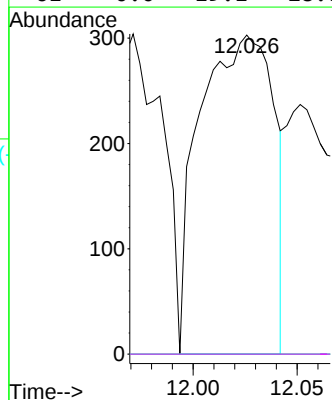
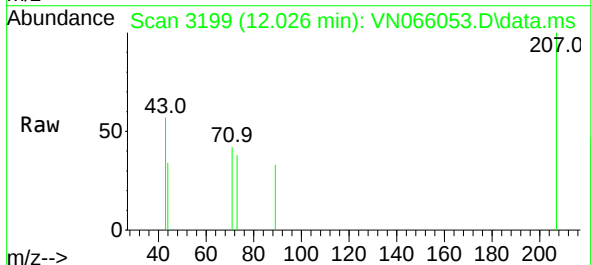
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

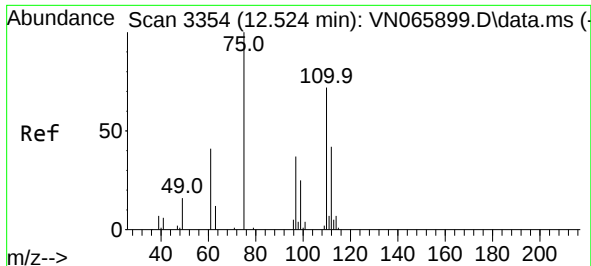
Tgt Ion:152 Resp: 72425
Ion Ratio Lower Upper
152 100
115 62.0 28.5 85.6
150 159.2 0.0 347.6



#74
N-ethyl acetate
Concen: 0.36 ug/l
RT: 12.026 min Scan# 3199
Delta R.T. -0.016 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Tgt Ion: 43 Resp: 747
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#

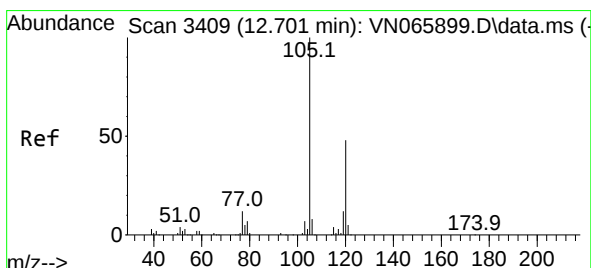
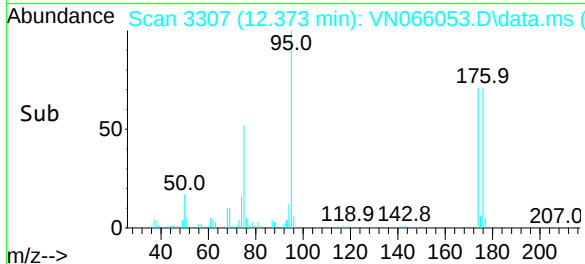
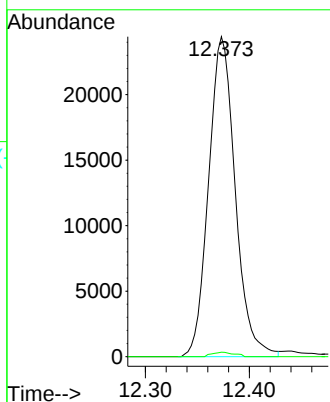
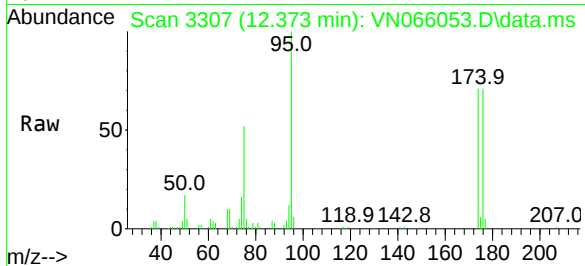




#76
1,2,3-Trichloropropane
Concen: 25.00 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

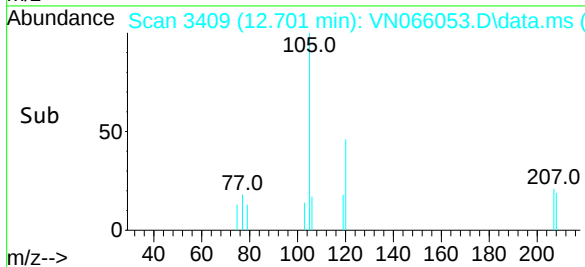
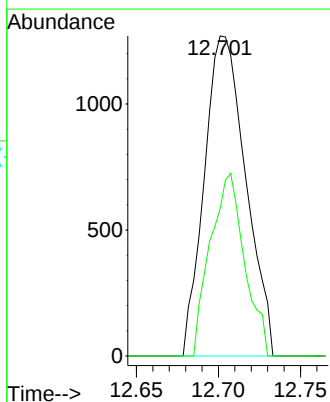
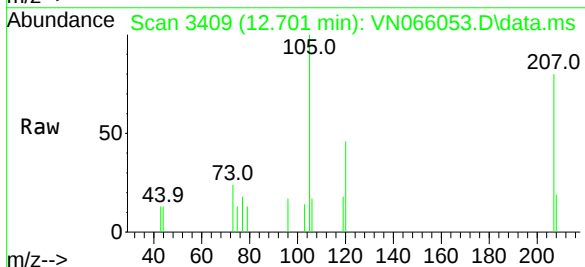
Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

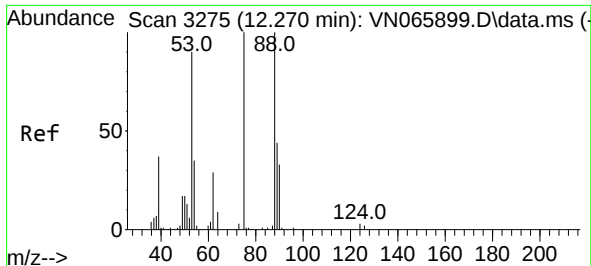
Tgt Ion: 75 Resp: 43496
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.44 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.000 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Tgt Ion: 105 Resp: 2230
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.8

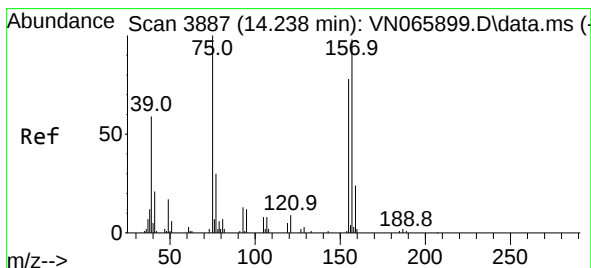
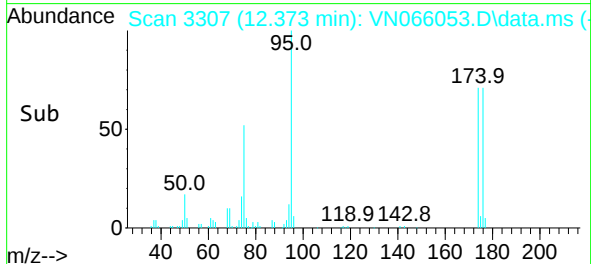
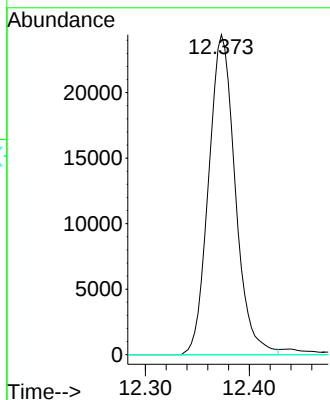
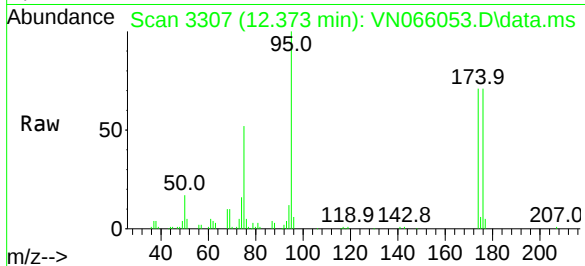




#81
trans-1,4-Dichloro-2-butene
Concen: 79.67 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
PB134837ZHE#01

Tgt Ion: 75 Resp: 43496
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: 1.51 ug/l
RT: 14.241 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VN066053.D
Acq: 26 Feb 2021 15:58

Tgt Ion: 75 Resp: 232
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

