

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066051.D
 Acq On : 26 Feb 2021 15:10
 Operator : JC/MD
 Sample : PB134837TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134837TB

Quant Time: Feb 26 23:33:42 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)

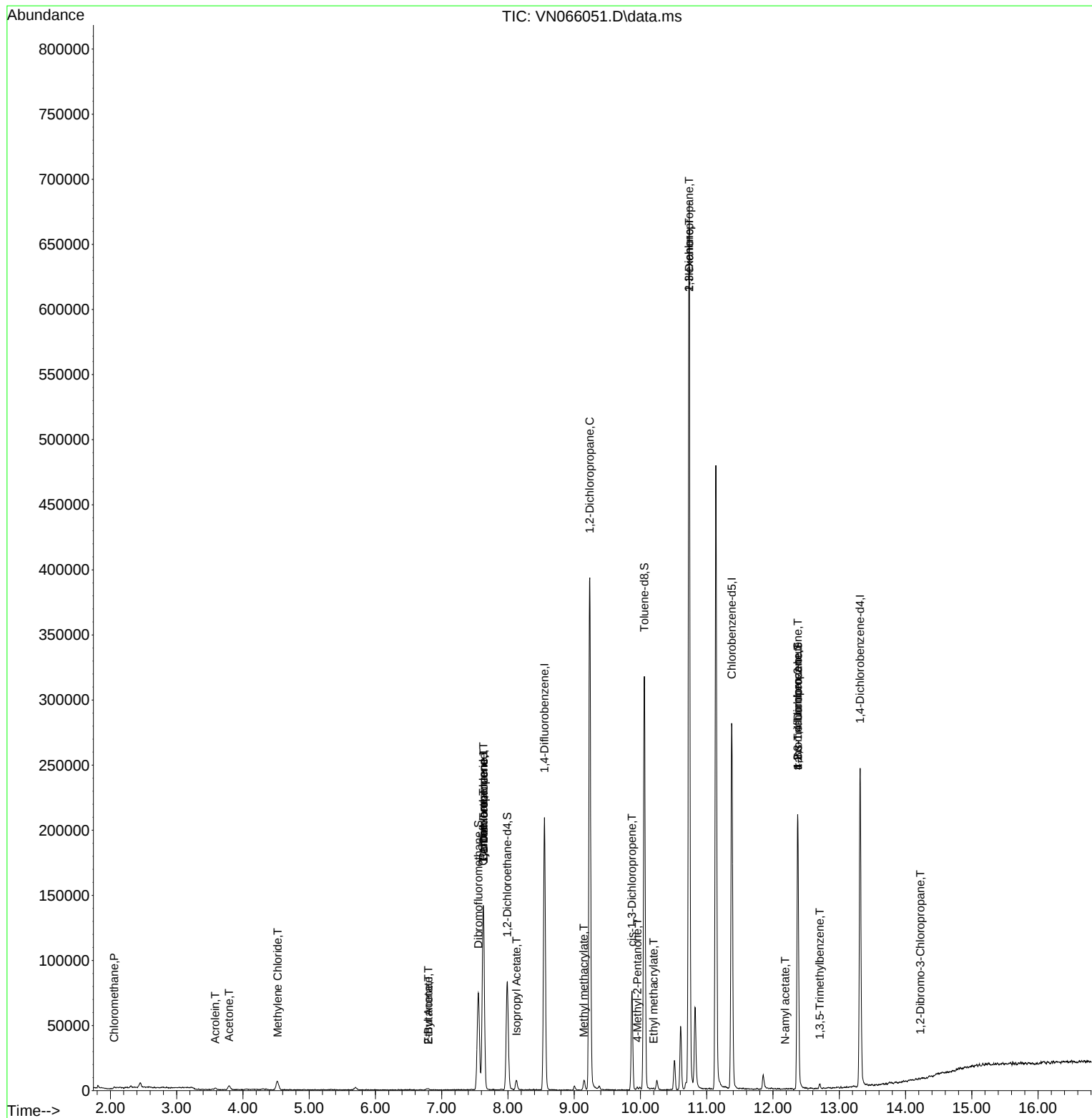
Internal Standards						
1) Pentafluorobenzene	7.627	168	115419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	187025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	171512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	69483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	78788	48.81	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.62%		
35) Dibromofluoromethane	7.553	113	57383	49.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.16%		
50) Toluene-d8	10.058	98	223324	47.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.00%		
62) 4-Bromofluorobenzene	12.373	95	82387	46.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.38%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	808	0.43	ug/l #	77
13) Acrolein	3.582	56	1283	6.25	ug/l	94
16) Acetone	3.791	43	5127	8.56	ug/l	93
20) Methylene Chloride	4.524	84	5428	3.63	ug/l	90
25) 2-Butanone	6.798	43	963	1.21	ug/l #	46
31) Cyclohexane	7.624	56	2086	0.87	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	8571	4.65	ug/l #	49
37) Ethyl Acetate	6.798	43	963	0.58	ug/l #	68
38) Carbon Tetrachloride	7.627	117	11476	6.70	ug/l #	17
43) Isopropyl Acetate	8.129	43	8064	3.04	ug/l	93
45) 1,2-Dichloropropane	9.235	63	367	0.25	ug/l #	44
48) Methyl methacrylate	9.142	41	1862	1.38	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	1742	1.08	ug/l #	81
54) cis-1,3-Dichloropropene	9.872	75	14417	6.47	ug/l #	61
56) Ethyl methacrylate	10.200	69	767	0.39	ug/l #	49
57) 1,3-Dichloropropane	10.733	76	7492	3.27	ug/l #	43
59) 2-Hexanone	10.733	43	100008	86.94	ug/l #	50
74) N-amyl acetate	12.183	43	406	0.21	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	42838	25.66	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	2356	0.49	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	42838	81.79	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.225	75	130	1.24	ug/l #	1

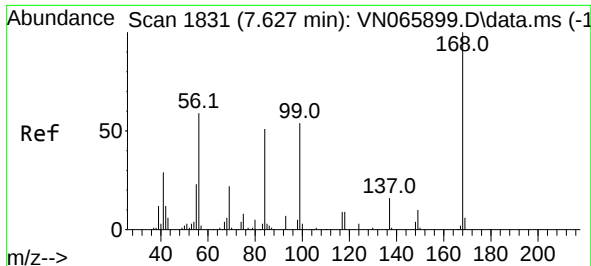
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 26 23:33:42 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

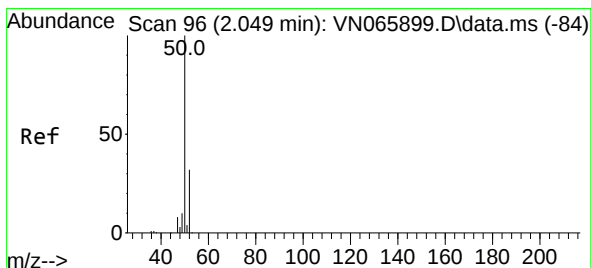
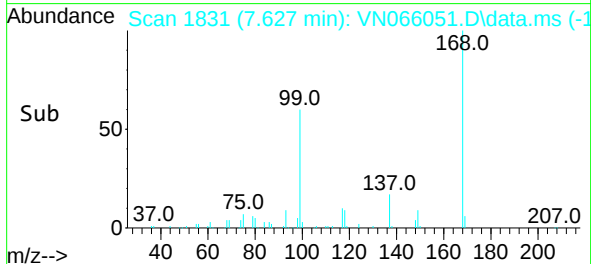
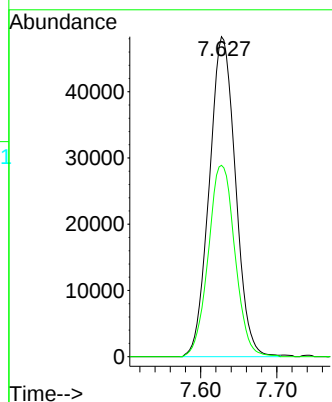
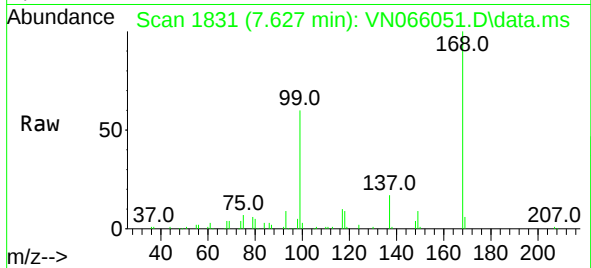




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

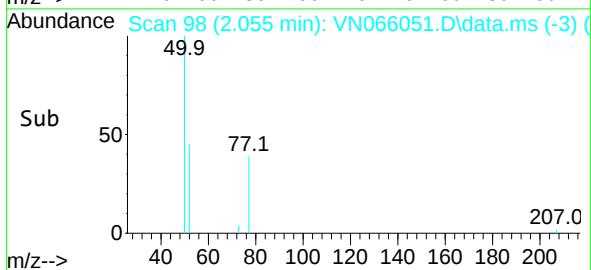
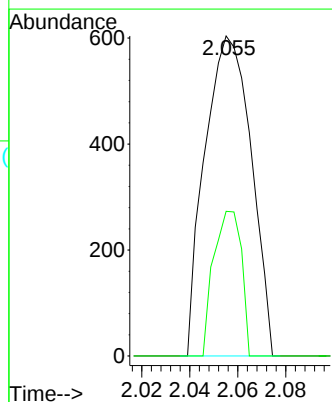
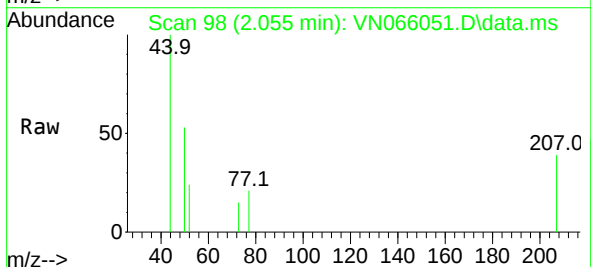
Instrument :
MSVOA_N
ClientSampleId :
PB134837TB

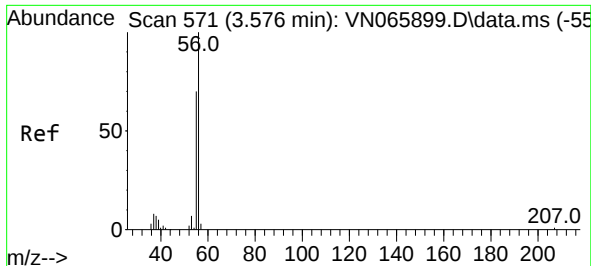
Tgt Ion:168 Resp: 115419
Ion Ratio Lower Upper
168 100
99 59.8 42.6 63.8



#3
Chloromethane
Concen: 0.43 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Tgt Ion: 50 Resp: 808
Ion Ratio Lower Upper
50 100
52 45.2 25.8 38.8#

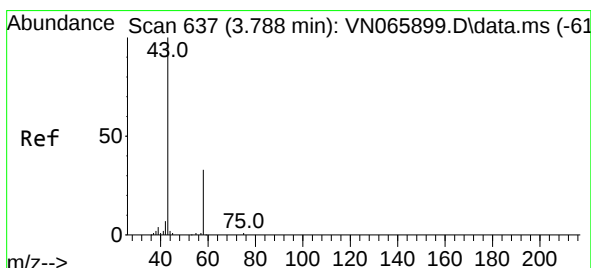
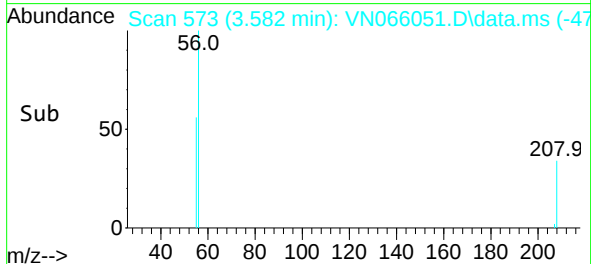
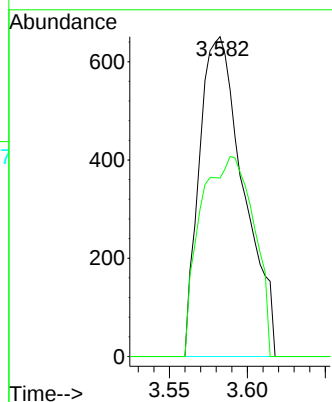
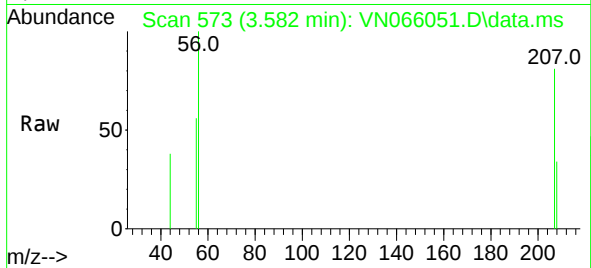




#13
Acrolein
Concen: 6.25 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.006 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

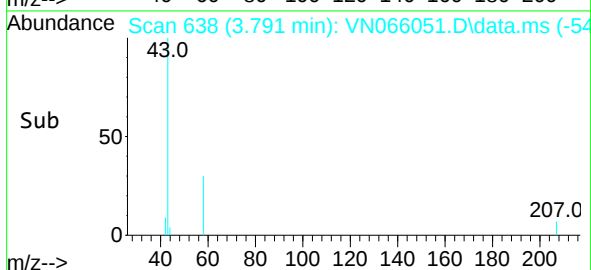
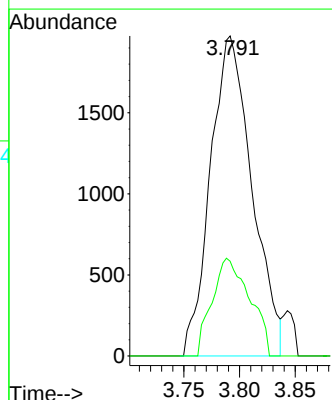
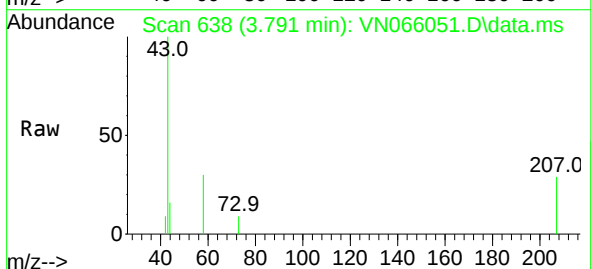
Instrument :
MSVOA_N
ClientSampleId :
PB134837TB

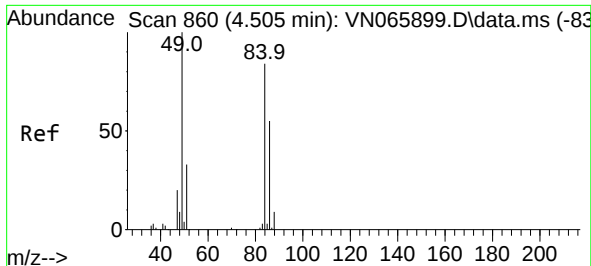
Tgt Ion: 56 Resp: 1283
Ion Ratio Lower Upper
56 100
55 75.1 56.0 84.0



#16
Acetone
Concen: 8.56 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

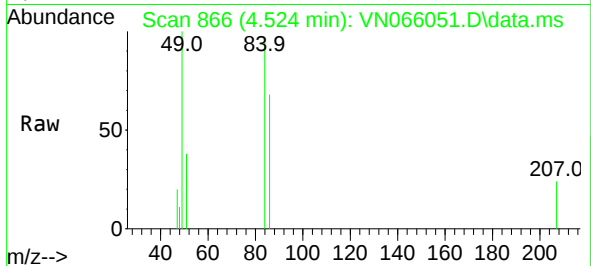
Tgt Ion: 43 Resp: 5127
Ion Ratio Lower Upper
43 100
58 29.6 27.0 40.6



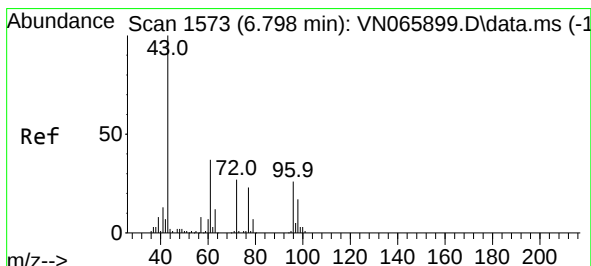
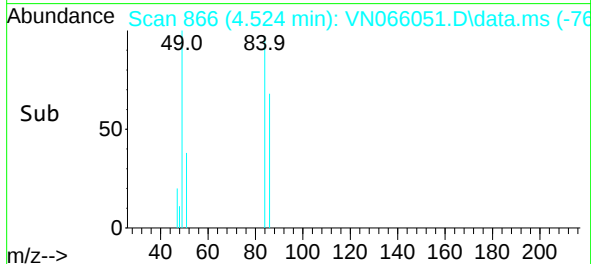
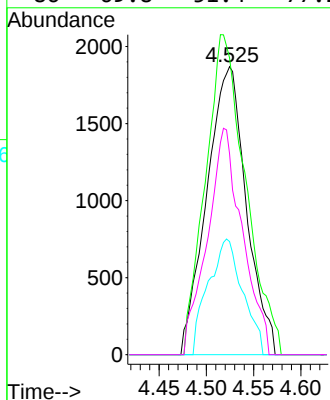


#20
Methylene Chloride
Concen: 3.63 ug/l
RT: 4.524 min Scan# 866
Delta R.T. 0.019 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Instrument :
MSVOA_N
ClientSampleId :
PB134837TB

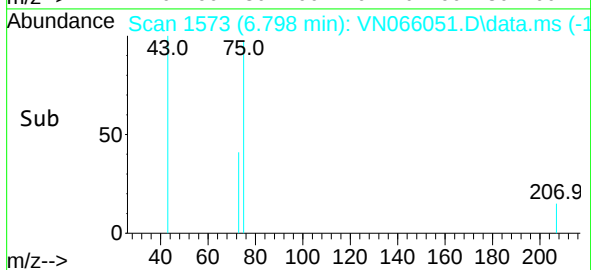
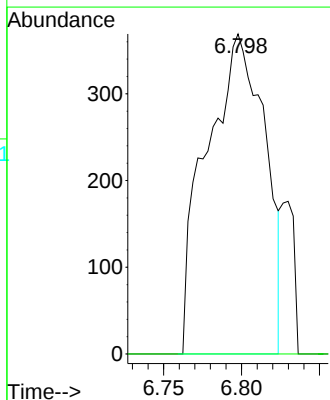
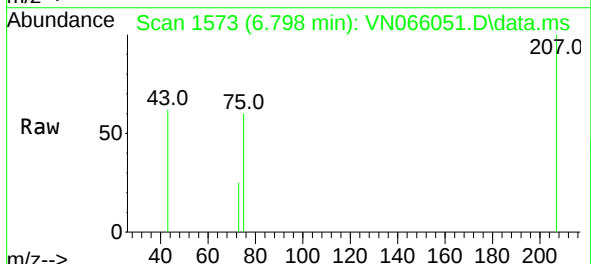


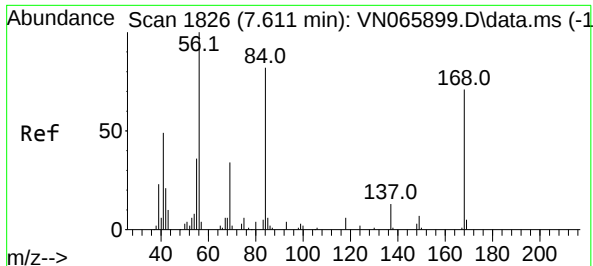
Tgt Ion:	84	Resp:	5428
Ion	Ratio	Lower	Upper
84	100		
49	103.0	94.6	141.8
51	39.3	29.9	44.9
86	69.8	51.4	77.2



#25
2-Butanone
Concen: 1.21 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Tgt Ion:	43	Resp:	963
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.1	34.7#





#31

Cyclohexane

Concen: 0.87 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN066051.D

Acq: 26 Feb 2021 15:10

Tgt Ion: 56 Resp: 2086

Ion Ratio Lower Upper

56 100

69 216.4 26.6 39.8#

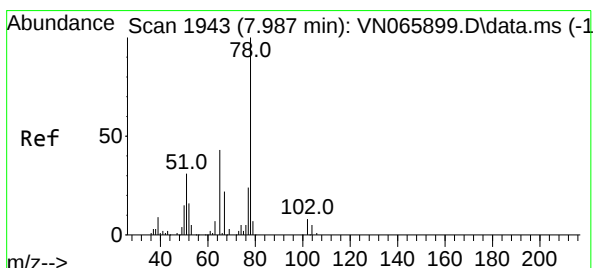
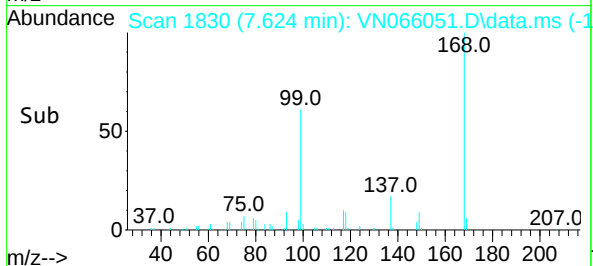
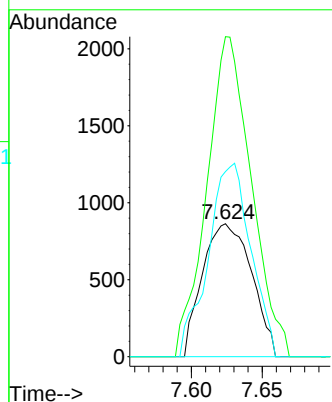
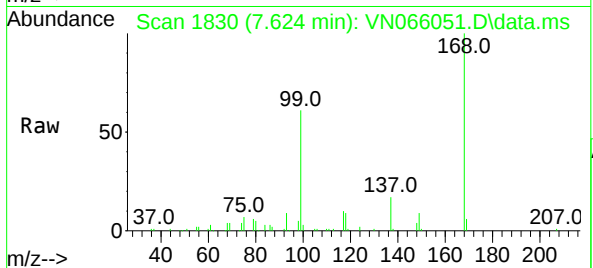
84 139.2 70.4 105.6#

Instrument :

MSVOA_N

ClientSampleId :

PB134837TB



#33

1,2-Dichloroethane-d4

Concen: 48.81 ug/l

RT: 7.991 min Scan# 1944

Delta R.T. 0.004 min

Lab File: VN066051.D

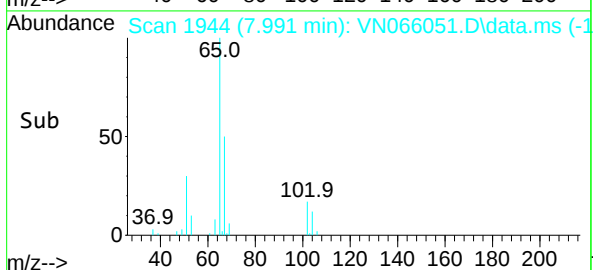
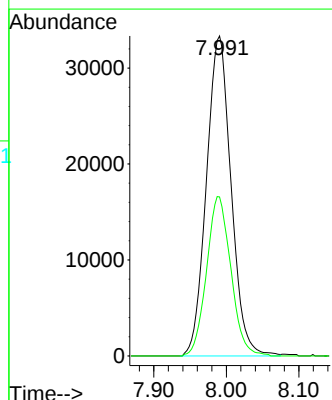
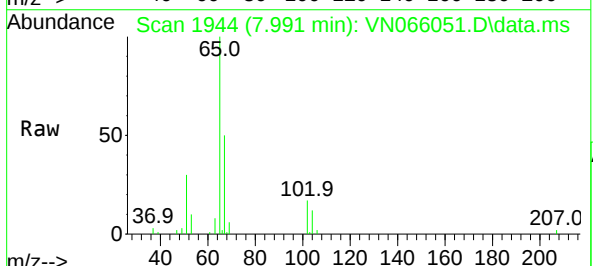
Acq: 26 Feb 2021 15:10

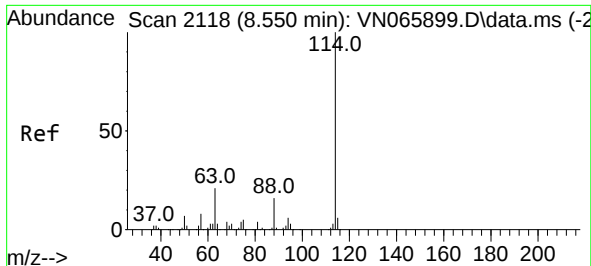
Tgt Ion: 65 Resp: 78788

Ion Ratio Lower Upper

65 100

67 49.0 0.0 107.2

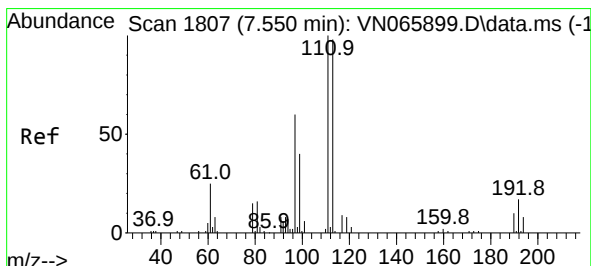
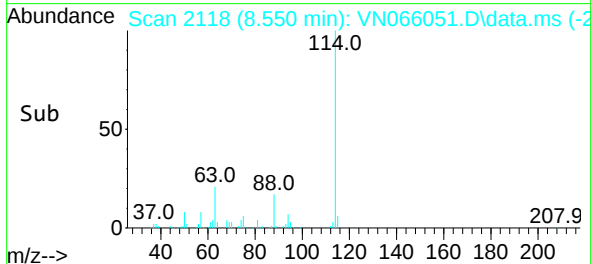
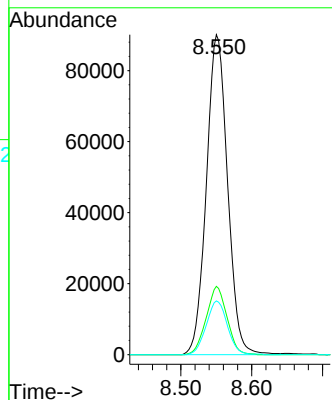
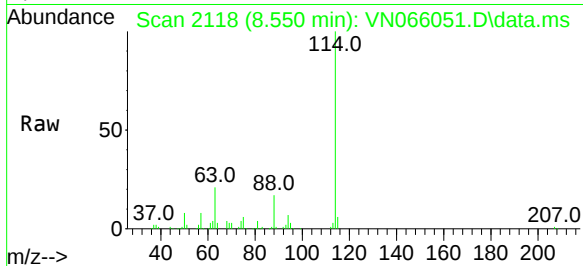




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

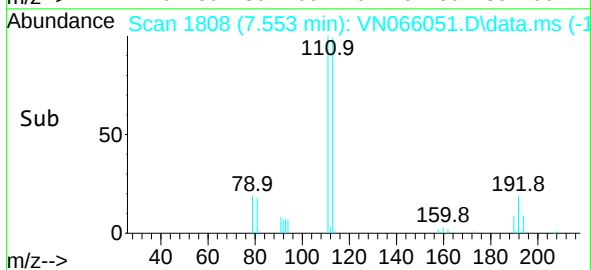
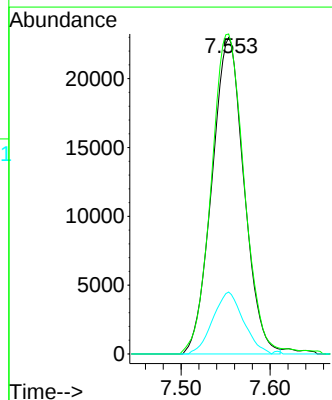
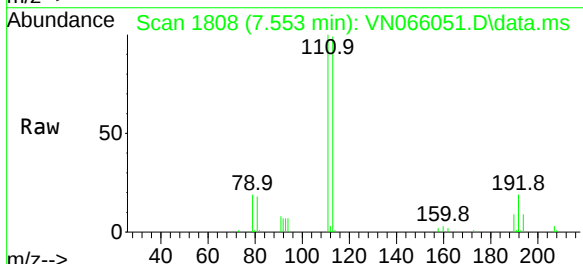
Instrument :
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ClientSampleId :
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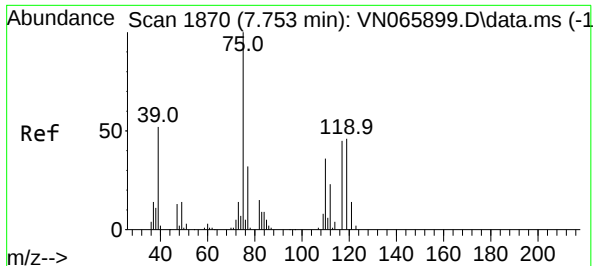
Tgt Ion:114	Resp: 187025
Ion Ratio	Lower Upper
114 100	
63 21.3	0.0 38.6
88 16.8	0.0 30.6



#35
Dibromofluoromethane
Concen: 49.58 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Tgt Ion:113	Resp: 57383
Ion Ratio	Lower Upper
113 100	
111 104.1	82.2 123.2
192 18.7	15.4 23.0

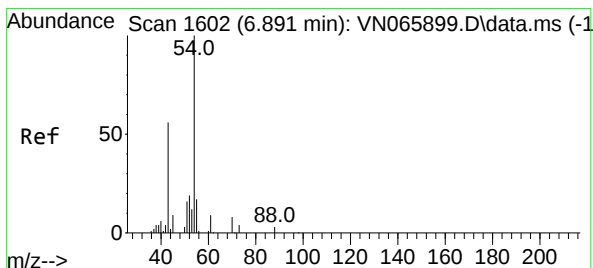
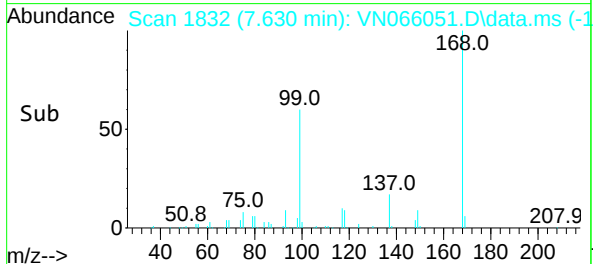
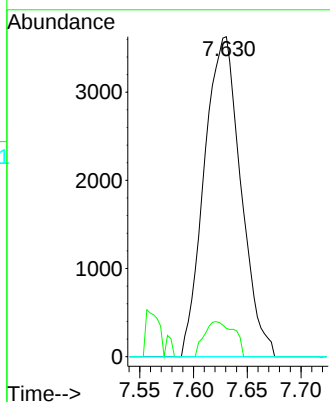
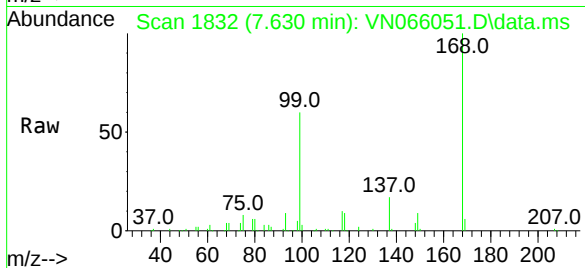




#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

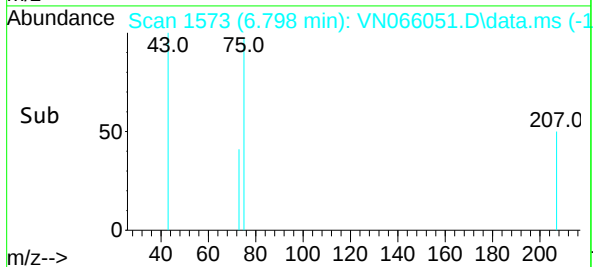
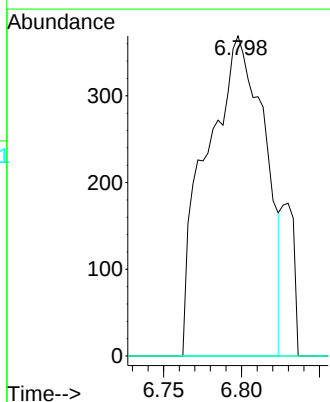
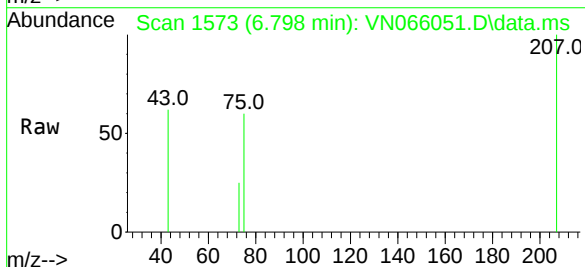
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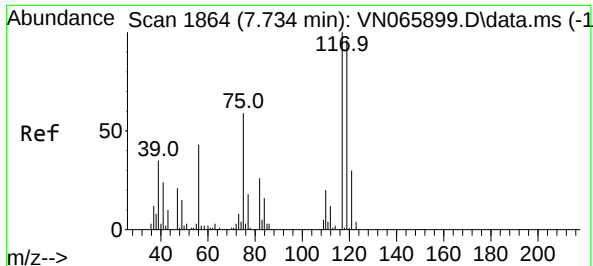
Tgt Ion: 75 Resp: 8571
Ion Ratio Lower Upper
75 100
110 8.9 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 0.58 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. -0.093 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

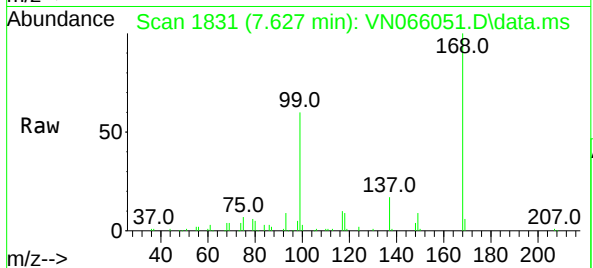
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



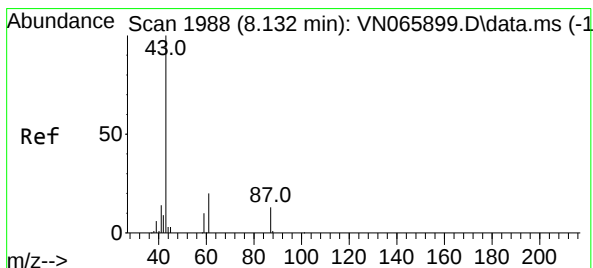
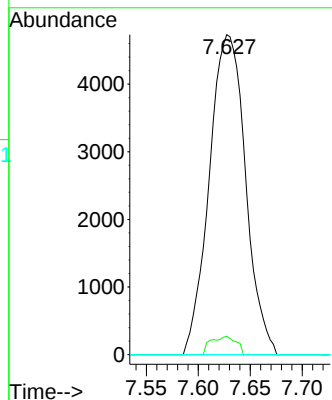
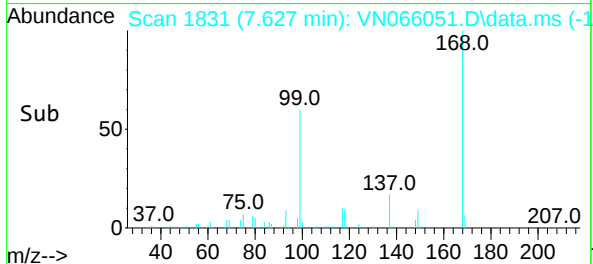


#38
Carbon Tetrachloride
Concen: 6.70 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

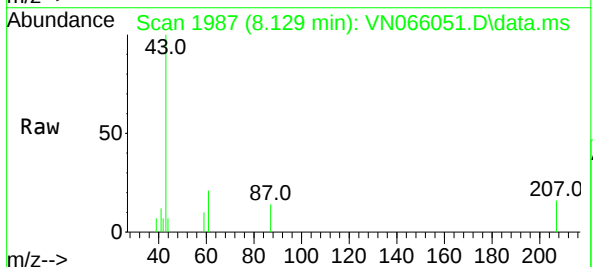
Instrument :
MSVOA_N
ClientSampleId :
PB134837TB



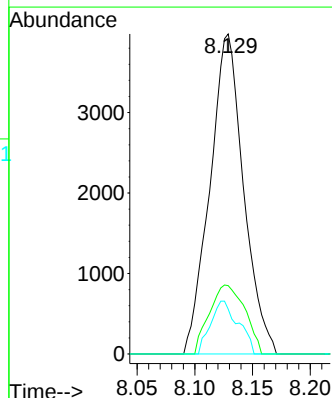
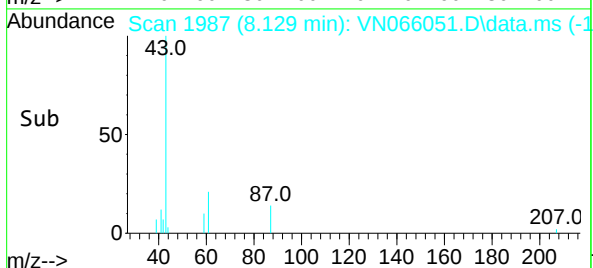
Tgt Ion:117 Resp: 11476
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.5 36.7#

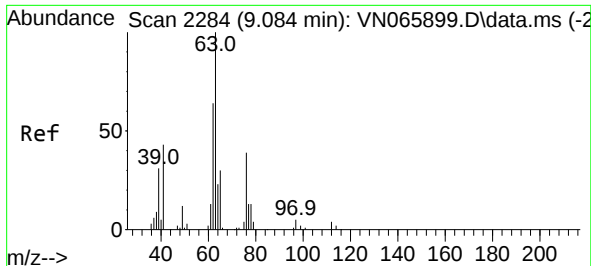


#43
Isopropyl Acetate
Concen: 3.04 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.003 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10



Tgt Ion: 43 Resp: 8064
Ion Ratio Lower Upper
43 100
61 22.7 22.5 33.7
87 13.6 11.1 16.7



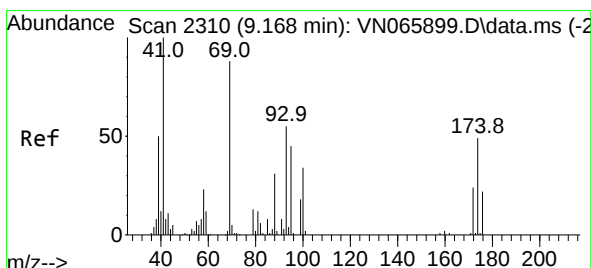
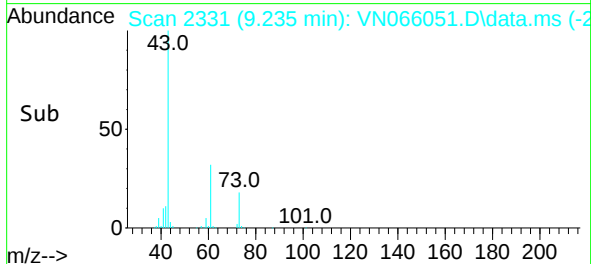
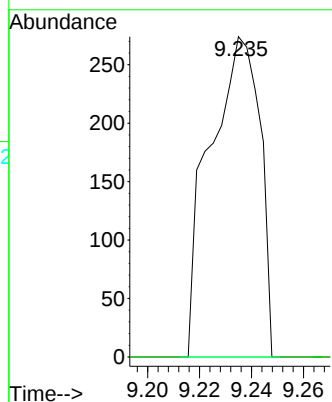
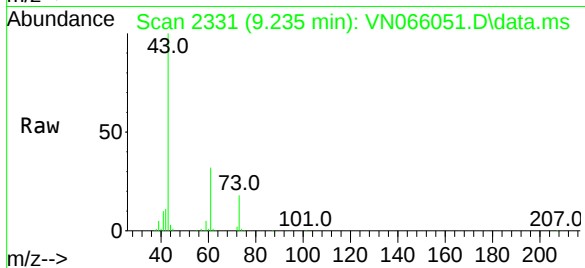


#45

1,2-Dichloropropane
Concen: 0.25 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Instrument :
MSVOA_N
ClientSampleId :
PB134837TB

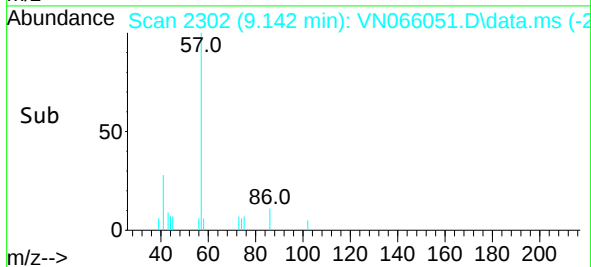
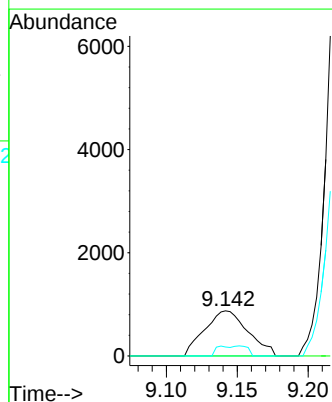
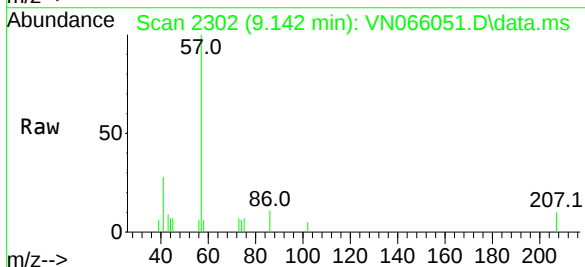
Tgt Ion: 63 Resp: 367
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

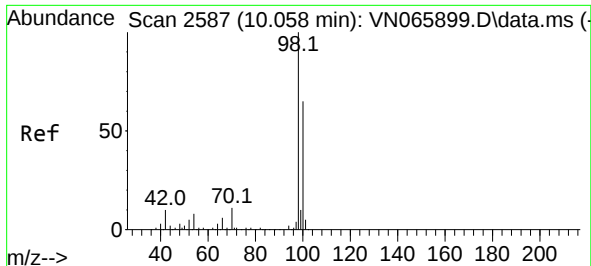


#48

Methyl methacrylate
Concen: 1.38 ug/l
RT: 9.142 min Scan# 2302
Delta R.T. -0.026 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Tgt Ion: 41 Resp: 1862
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

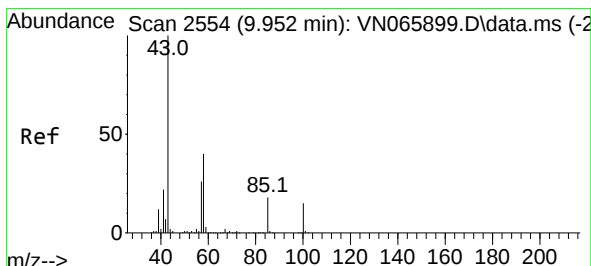
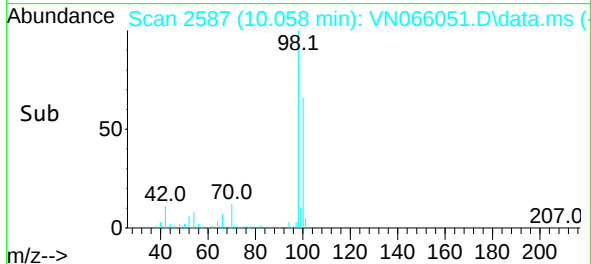
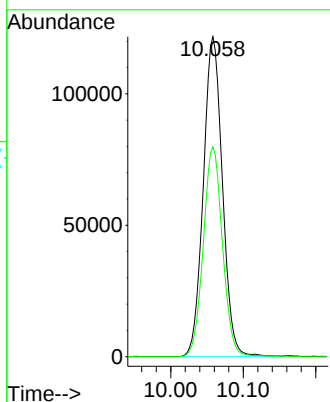
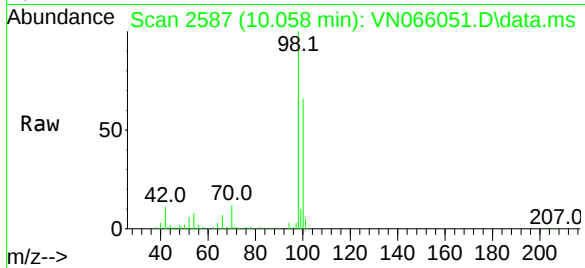




#50
Toluene-d8
Concen: 47.00 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

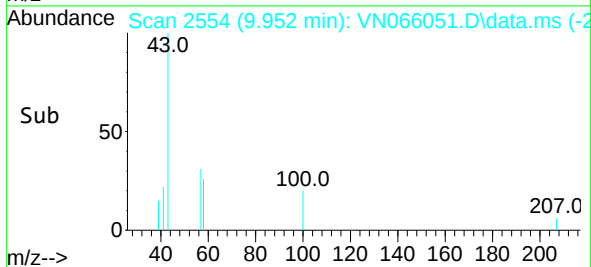
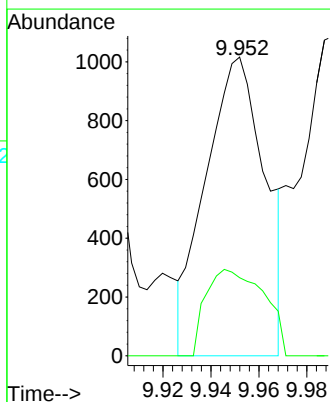
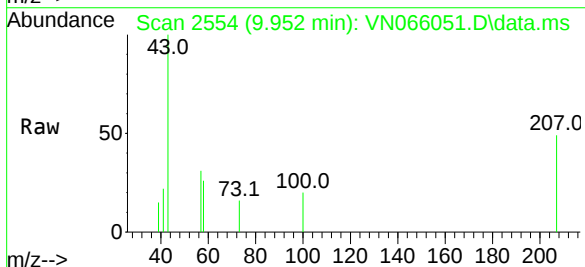
Instrument :
MSVOA_N
ClientSampleId :
PB134837TB

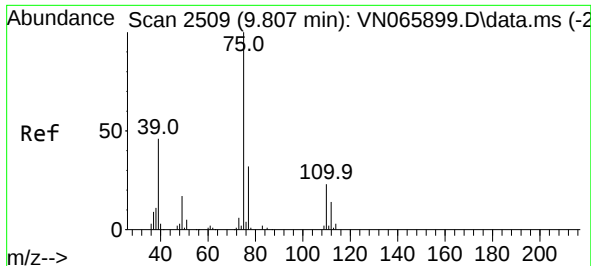
Tgt Ion: 98 Resp: 223324
Ion Ratio Lower Upper
98 100
100 65.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.08 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Tgt Ion: 43 Resp: 1742
Ion Ratio Lower Upper
43 100
58 28.5 32.5 48.7#

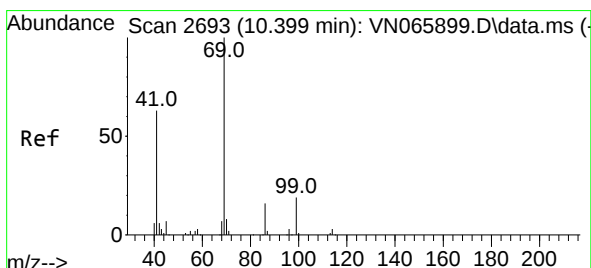
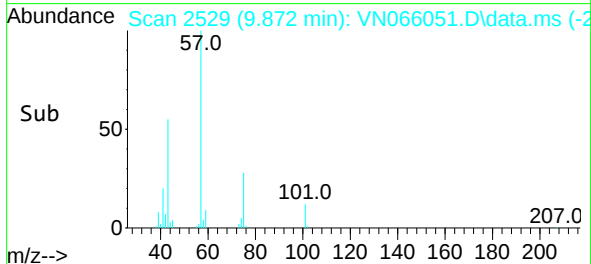
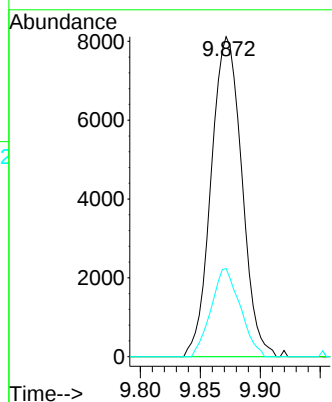
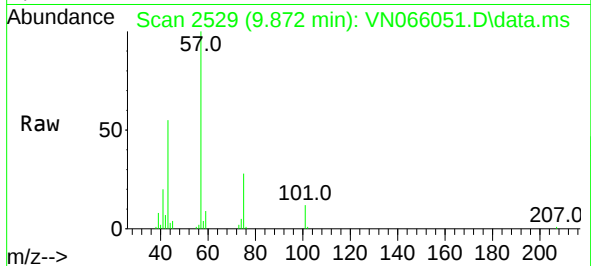




#54
cis-1,3-Dichloropropene
Concen: 6.47 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

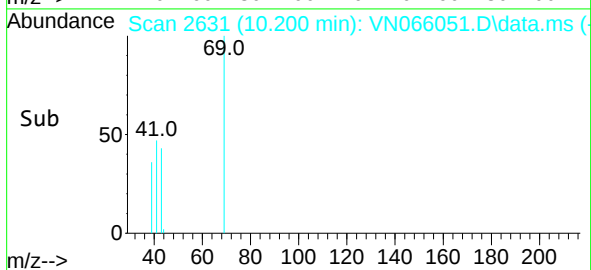
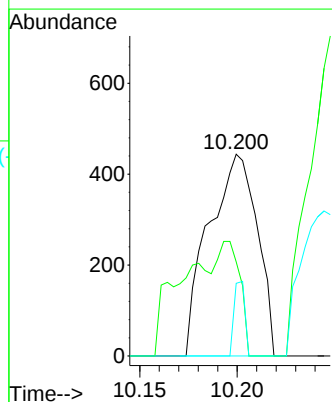
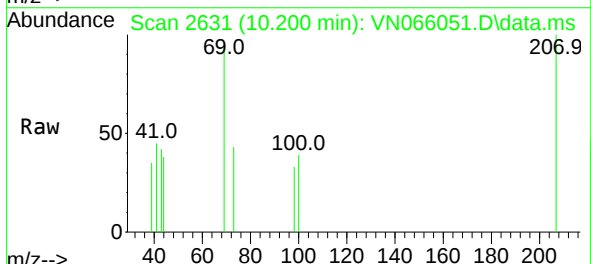
Instrument :
MSVOA_N
ClientSampleId :
PB134837TB

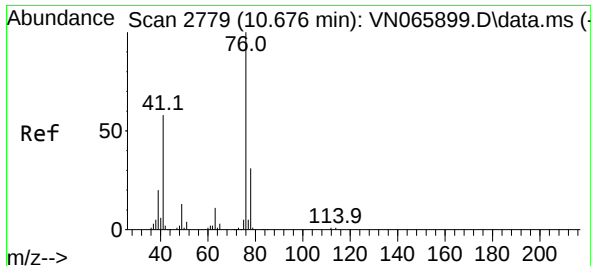
Tgt Ion: 75	Resp: 14417
Ion Ratio	Lower Upper
75 100	
77 0.0	24.9 37.3#
39 27.5	36.2 54.4#



#56
Ethyl methacrylate
Concen: 0.39 ug/l
RT: 10.200 min Scan# 2631
Delta R.T. -0.199 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Tgt Ion: 69	Resp: 767
Ion Ratio	Lower Upper
69 100	
41 27.1	49.6 74.4#
39 0.0	28.0 42.0#

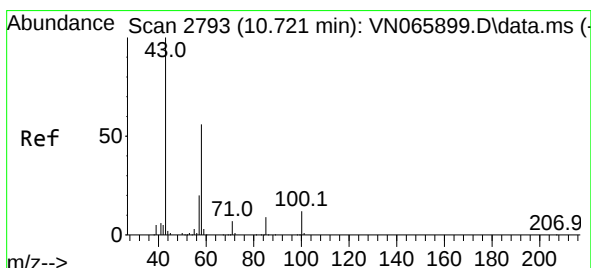
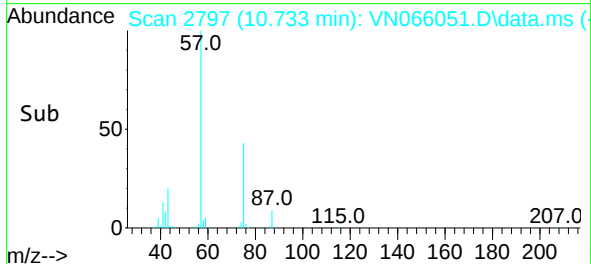
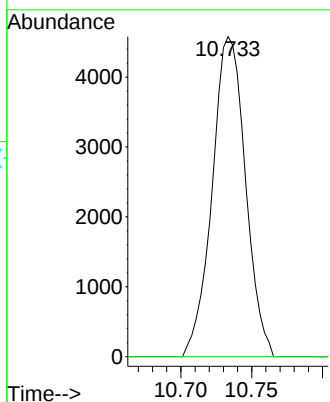
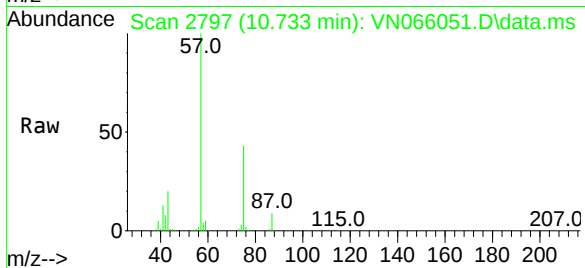




#57
1,3-Dichloropropane
Concen: 3.27 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.057 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

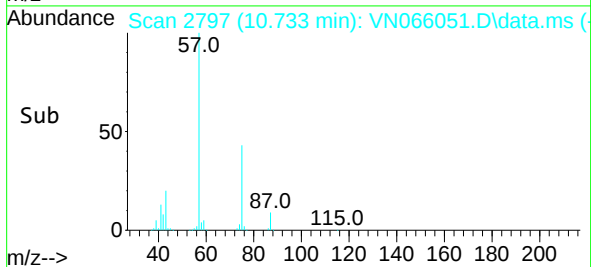
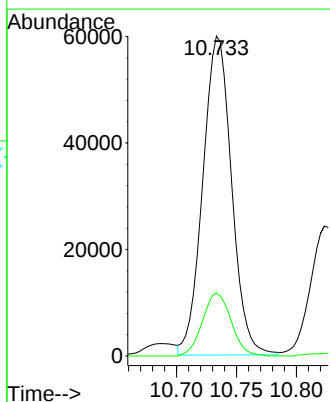
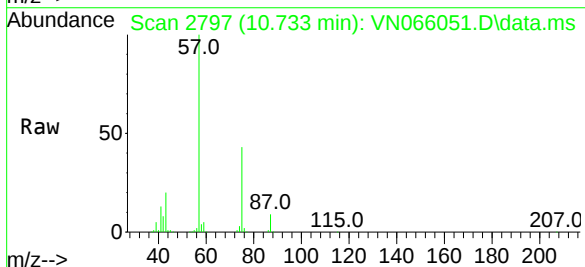
Instrument :
MSVOA_N
ClientSampleId :
PB134837TB

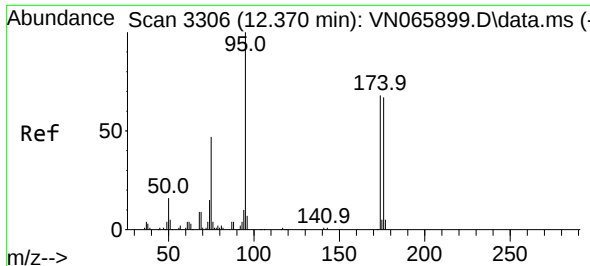
Tgt Ion: 76 Resp: 7492
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 86.94 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.012 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Tgt Ion: 43 Resp: 100008
Ion Ratio Lower Upper
43 100
58 19.6 28.1 84.3#

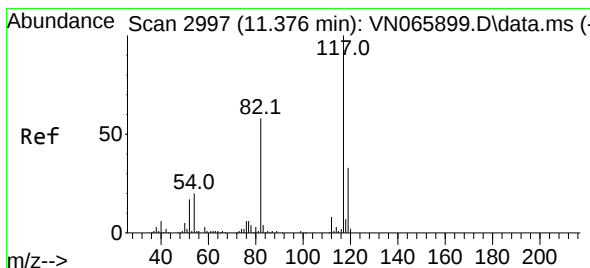
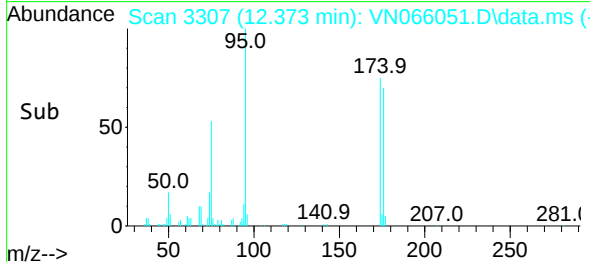
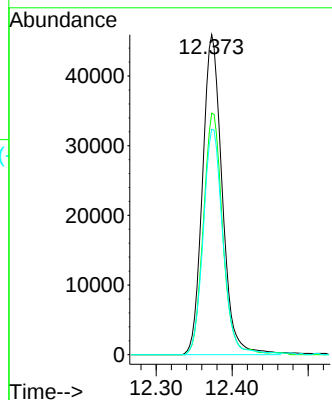
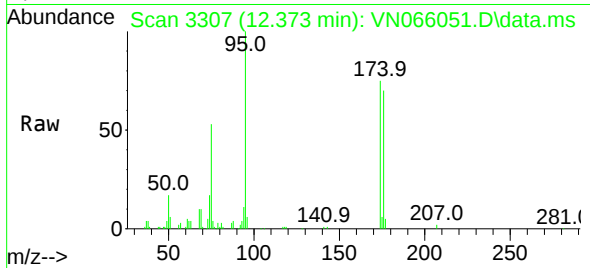




#62
4-Bromofluorobenzene
Concen: 46.19 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

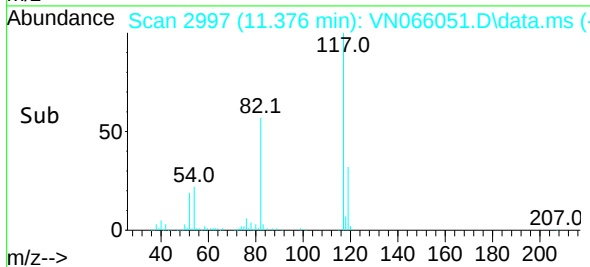
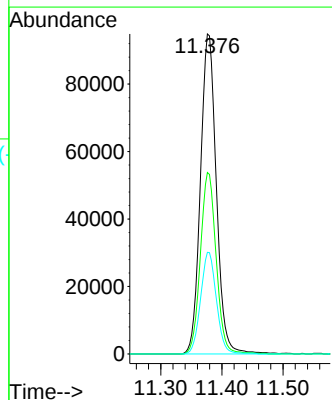
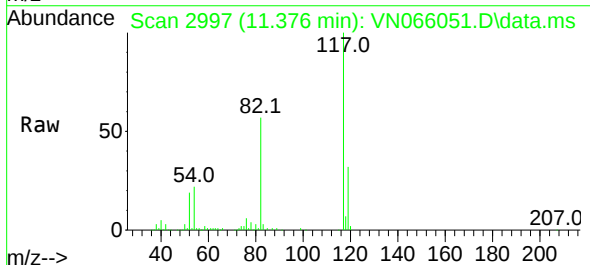
Instrument :
MSVOA_N
ClientSampleId :
PB134837TB

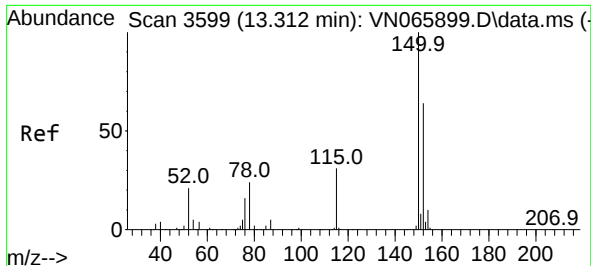
Tgt Ion: 95 Resp: 82387
Ion Ratio Lower Upper
95 100
174 74.0 0.0 169.0
176 70.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Tgt Ion: 117 Resp: 171512
Ion Ratio Lower Upper
117 100
82 56.7 43.7 65.5
119 31.8 26.1 39.1

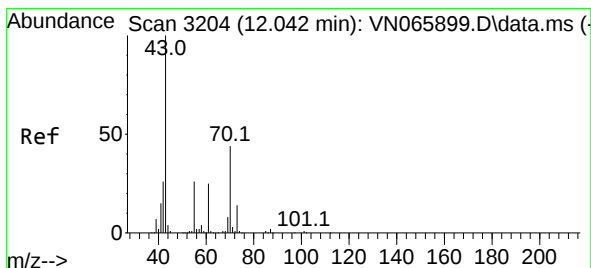
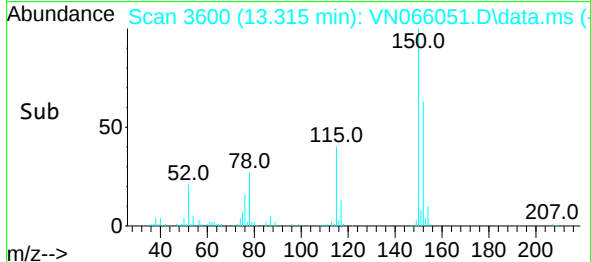
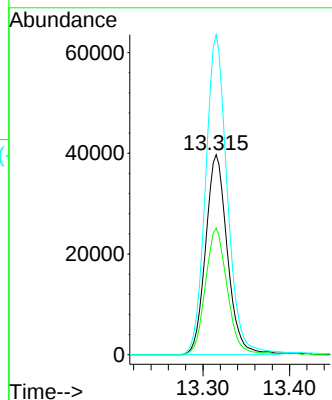
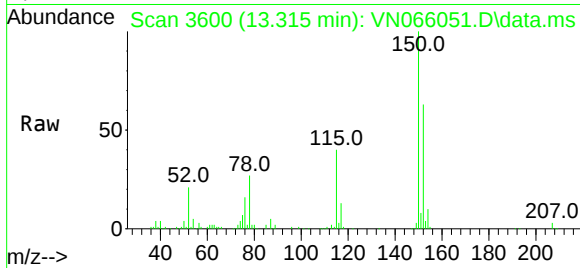




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

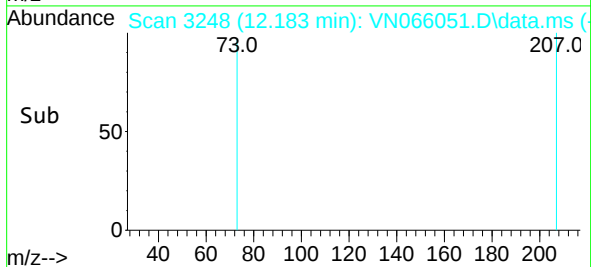
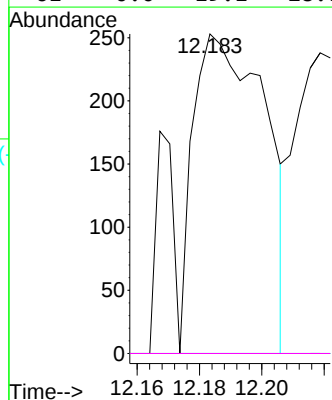
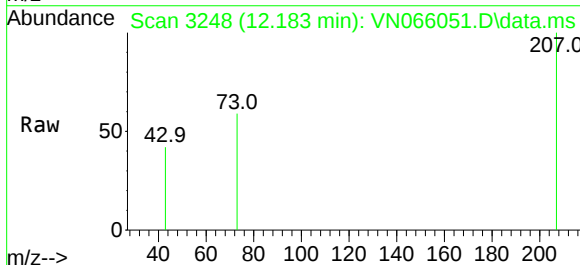
Instrument :
MSVOA_N
ClientSampleId :
PB134837TB

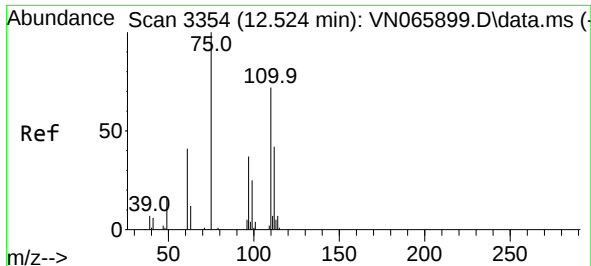
Tgt Ion:152 Resp: 69483
Ion Ratio Lower Upper
152 100
115 63.2 28.5 85.6
150 159.6 0.0 347.6



#74
N-ethyl acetate
Concen: 0.21 ug/l
RT: 12.183 min Scan# 3248
Delta R.T. 0.141 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Tgt Ion: 43 Resp: 406
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#

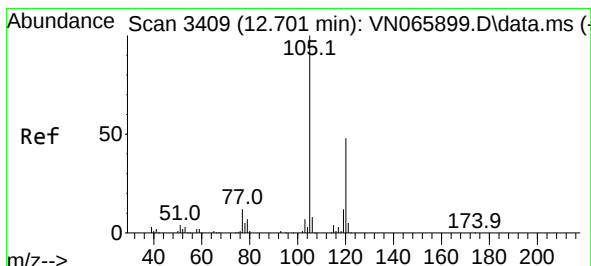
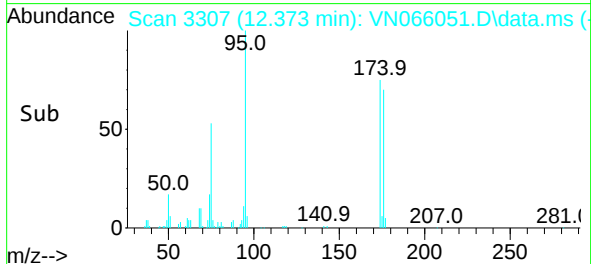
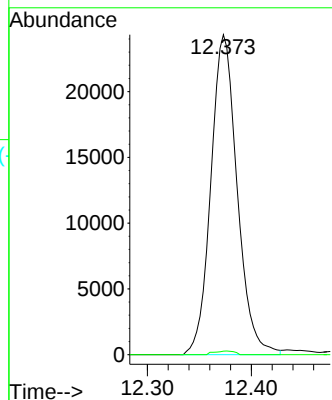
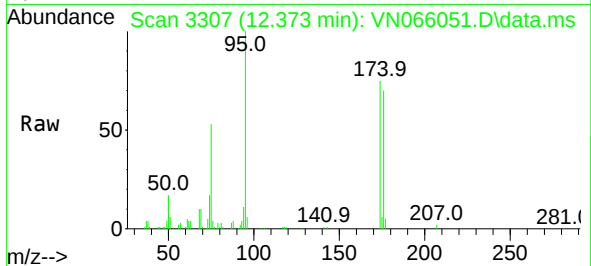




#76
1,2,3-Trichloropropane
Concen: 25.66 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

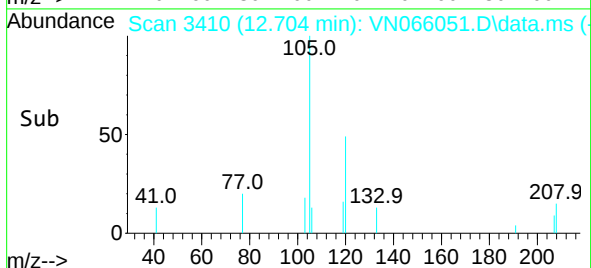
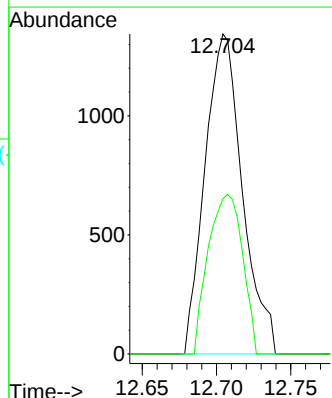
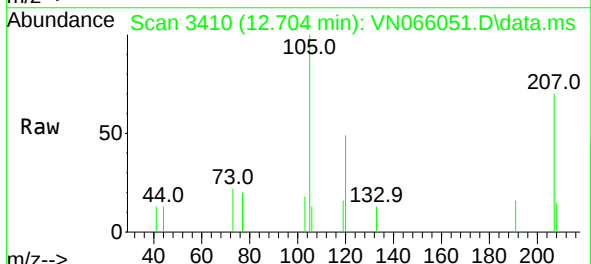
Instrument :
MSVOA_N
ClientSampleId :
PB134837TB

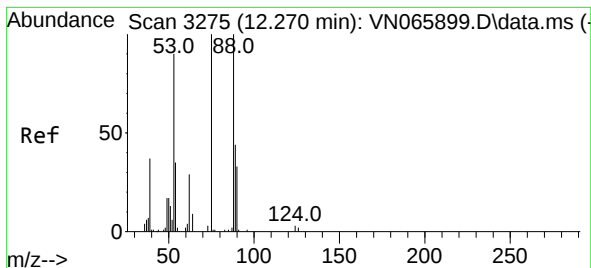
Tgt Ion: 75 Resp: 42838
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.49 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Tgt Ion:105 Resp: 2356
Ion Ratio Lower Upper
105 100
120 45.6 24.3 72.8

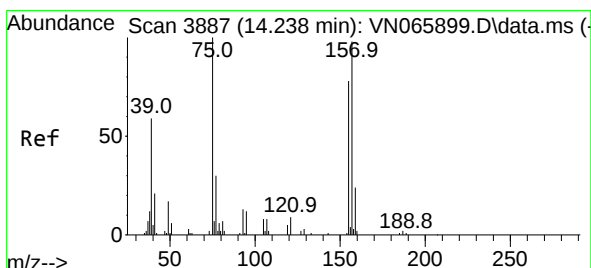
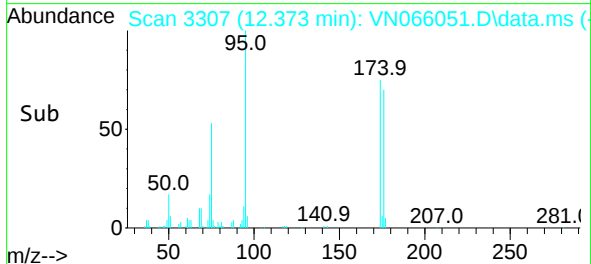
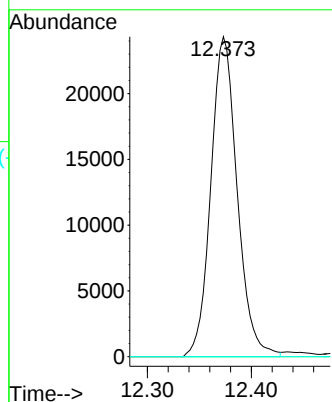
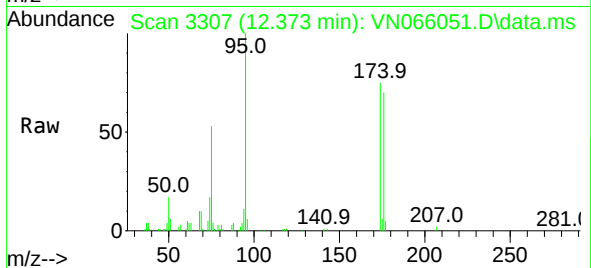




#81
trans-1,4-Dichloro-2-butene
Concen: 81.79 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Instrument :
MSVOA_N
ClientSampleId :
PB134837TB

Tgt Ion: 75 Resp: 42838
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: 1.24 ug/l
RT: 14.225 min Scan# 3883
Delta R.T. -0.013 min
Lab File: VN066051.D
Acq: 26 Feb 2021 15:10

Tgt Ion: 75 Resp: 130
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

