

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065647.D
 Acq On : 28 Jan 2021 14:14
 Operator : JC/MD
 Sample : PB134372TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372TB

Quant Time: Jan 29 01:22:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

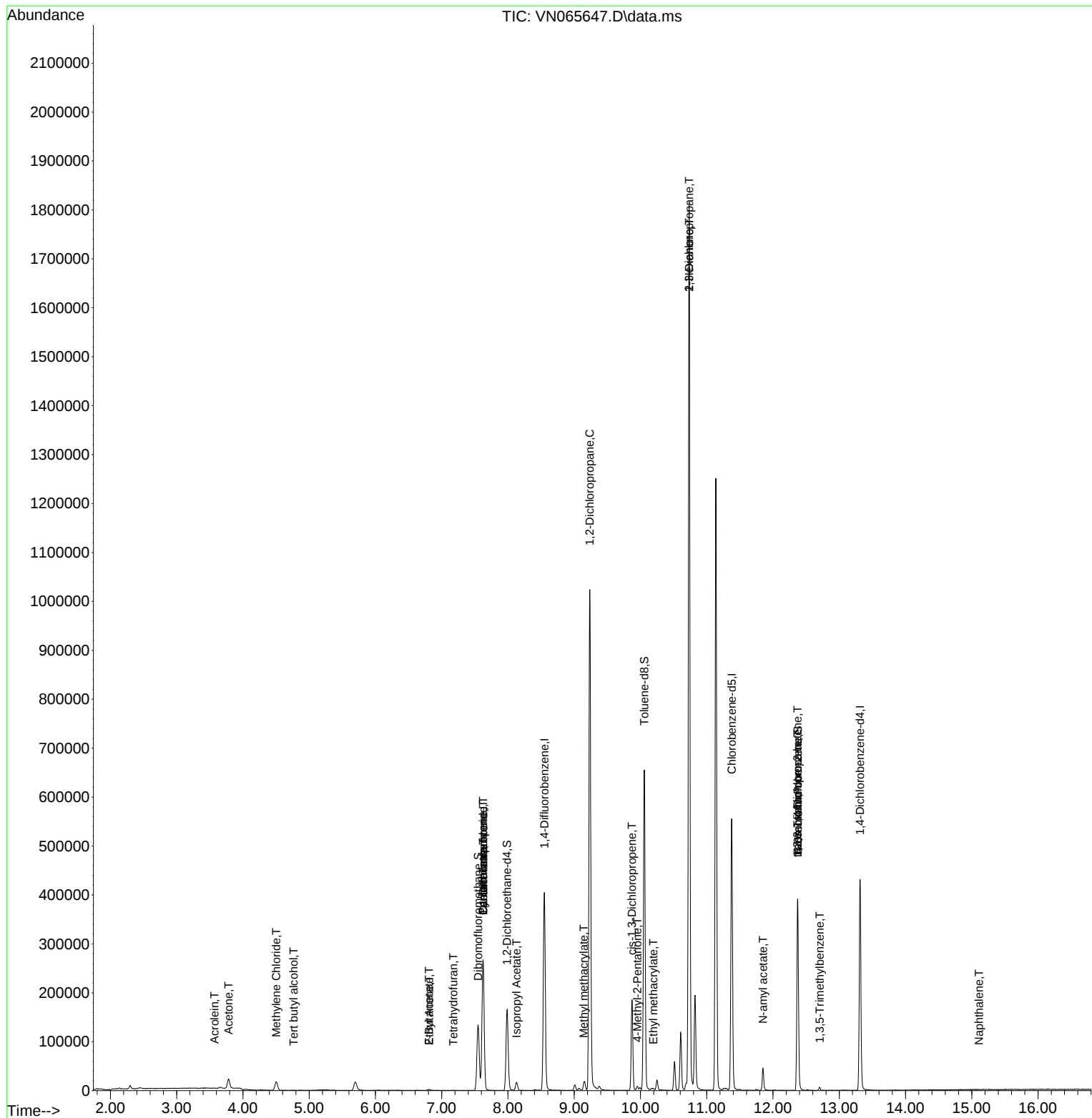
Internal Standards						
1) Pentafluorobenzene	7.624	168	216540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	376969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	329868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	121123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	138463	48.60	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.20%		
35) Dibromofluoromethane	7.550	113	110805	49.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.20%		
50) Toluene-d8	10.058	98	469116	53.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.84%		
62) 4-Bromofluorobenzene	12.373	95	159401	50.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.82%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.766	59	333	0.62	ug/l #	73
13) Acrolein	3.569	56	102	18.29	ug/l #	41
16) Acetone	3.782	43	29941	27.00	ug/l	100
20) Methylene Chloride	4.502	84	13186	4.29	ug/l	98
25) 2-Butanone	6.807	43	4671	2.69	ug/l #	89
29) Tetrahydrofuran	7.177	42	472	0.37	ug/l #	32
31) Cyclohexane	7.624	56	4338	0.81	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	17595	4.64	ug/l #	47
37) Ethyl Acetate	6.807	43	4671	1.28	ug/l #	68
38) Carbon Tetrachloride	7.624	117	21104	6.76	ug/l #	16
43) Isopropyl Acetate	8.129	43	20342	3.15	ug/l #	91
45) 1,2-Dichloropropane	9.235	63	1229	0.39	ug/l #	44
48) Methyl methacrylate	9.145	41	5185	1.69	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	6165	1.73	ug/l	90
54) cis-1,3-Dichloropropene	9.871	75	35672	7.28	ug/l #	56
56) Ethyl methacrylate	10.193	69	2365	0.55	ug/l #	62
57) 1,3-Dichloropropane	10.733	76	19107	4.15	ug/l #	43
59) 2-Hexanone	10.733	43	256850	103.99	ug/l #	50
71) Bromoform	12.373	173	499	0.30	ug/l #	1
74) N-amyl acetate	11.849	43	14661	3.27	ug/l #	51
76) 1,2,3-Trichloropropane	12.370	75	74379	23.48	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	3909	0.43	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.370	75	74379	60.15	ug/l #	12
95) Naphthalene	15.109	128	60	3.46	ug/l #	69

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

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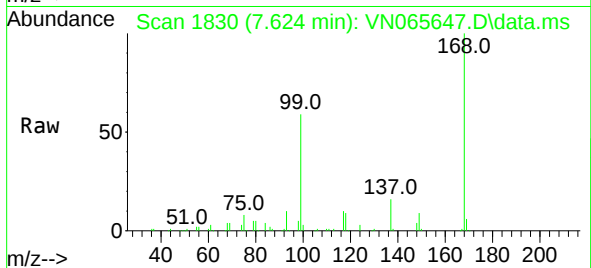
Quant Time: Jan 29 01:22:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
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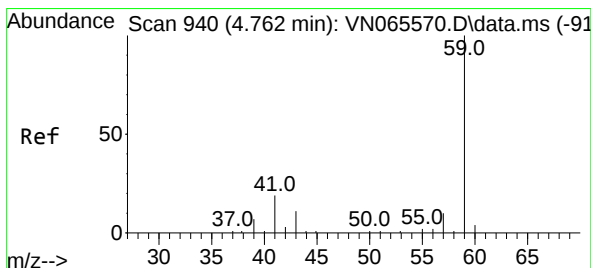
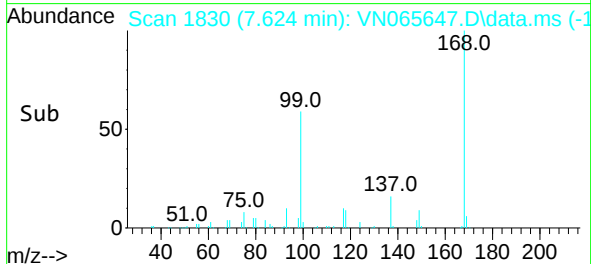
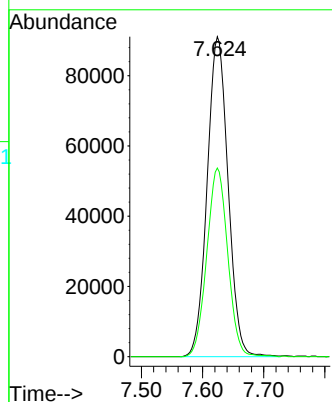


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB134372TB

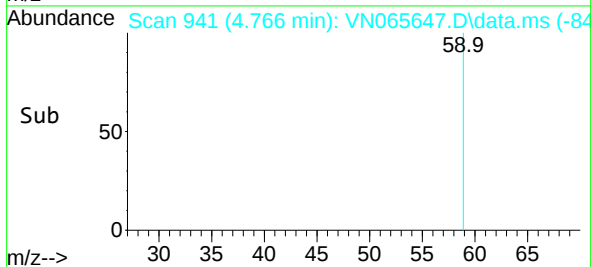
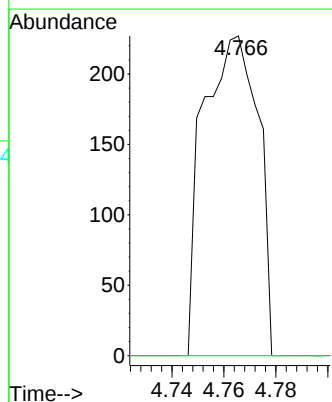
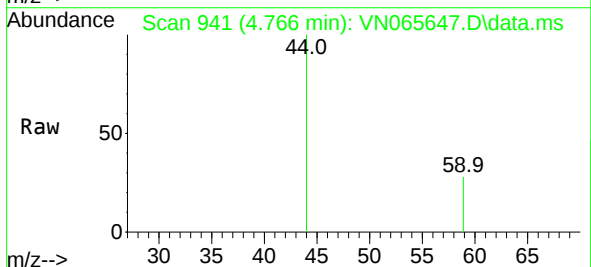


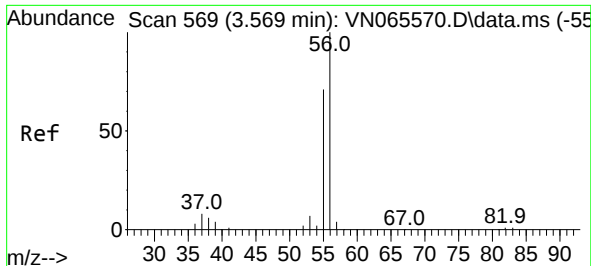
Tgt Ion:168 Resp: 216540
Ion Ratio Lower Upper
168 100
99 59.0 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.62 ug/l
RT: 4.766 min Scan# 941
Delta R.T. 0.004 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Tgt Ion: 59 Resp: 333
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

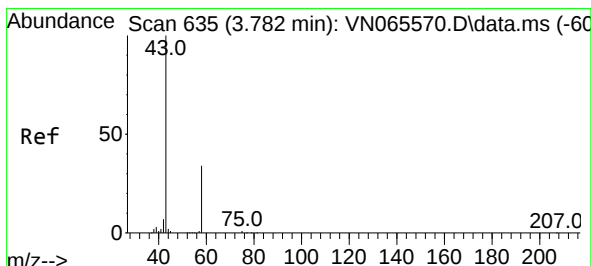
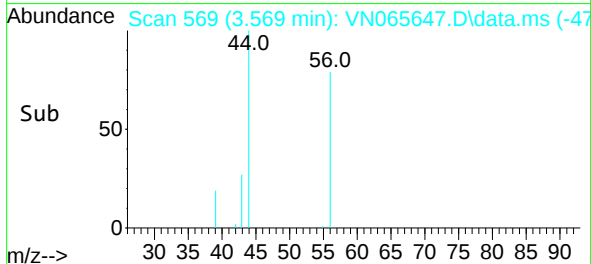
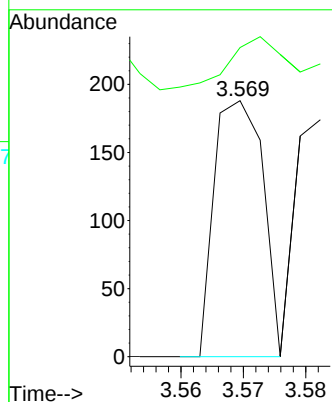
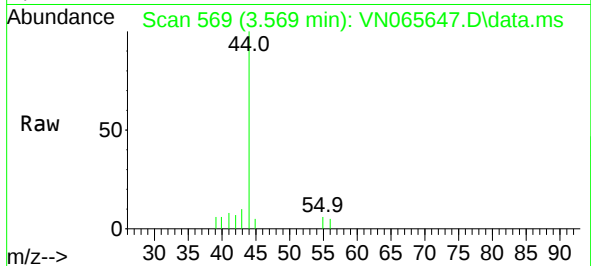




#13
Acrolein
Concen: 18.29 ug/l
RT: 3.569 min Scan# 569
Delta R.T. 0.000 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

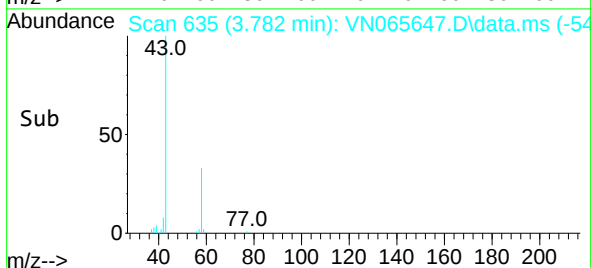
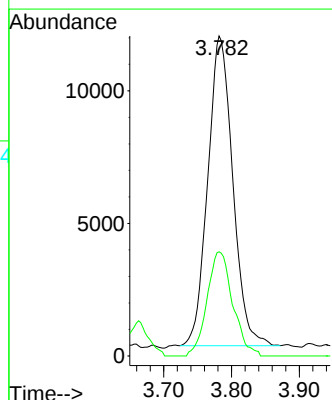
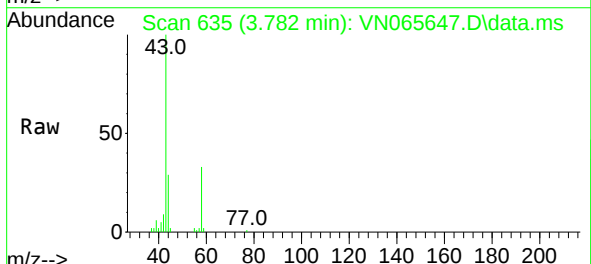
Instrument :
MSVOA_N
ClientSampled :
PB134372TB

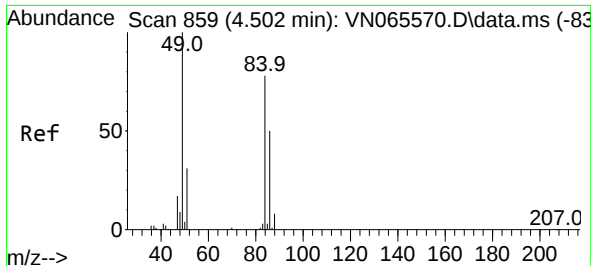
Tgt Ion: 56 Resp: 102
Ion Ratio Lower Upper
56 100
55 21.6 56.0 84.0#



#16
Acetone
Concen: 27.00 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

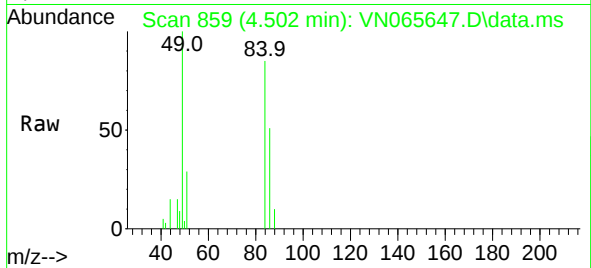
Tgt Ion: 43 Resp: 29941
Ion Ratio Lower Upper
43 100
58 33.6 27.0 40.6



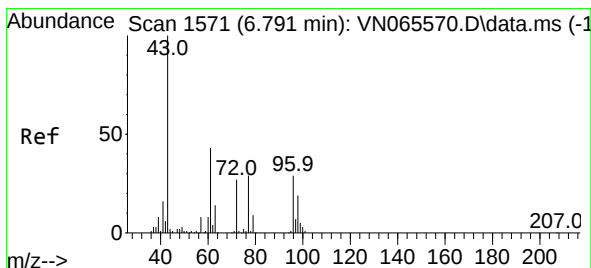
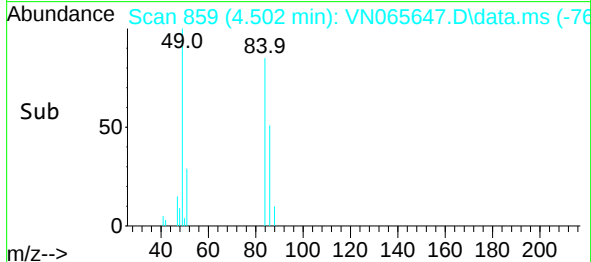
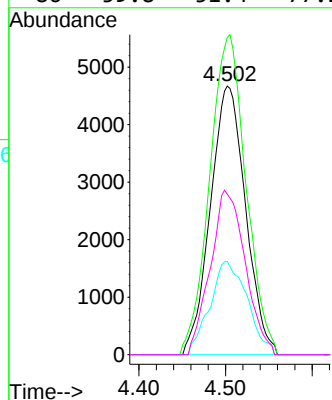


#20
Methylene Chloride
Concen: 4.29 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB134372TB

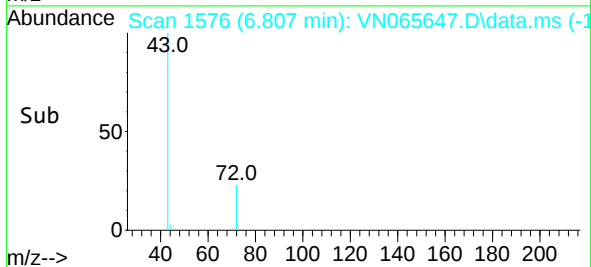
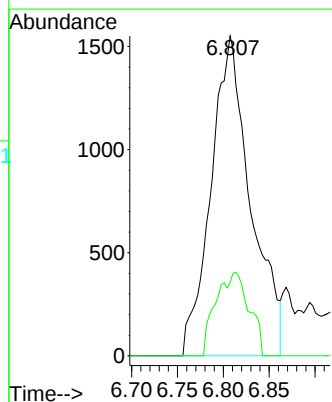
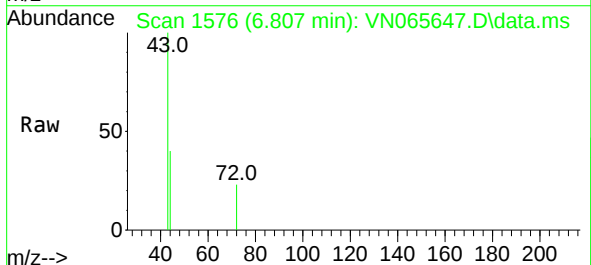


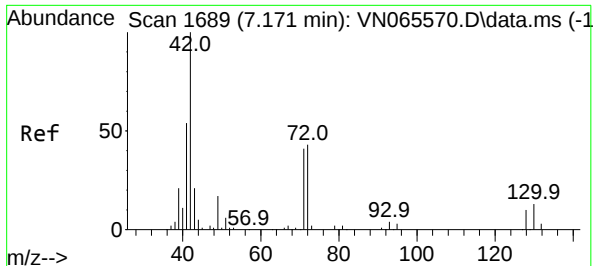
Tgt Ion:	84	Resp:	13186
Ion	Ratio	Lower	Upper
84	100		
49	118.1	94.6	141.8
51	34.7	29.9	44.9
86	59.8	51.4	77.2



#25
2-Butanone
Concen: 2.69 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Tgt Ion:	43	Resp:	4671
Ion	Ratio	Lower	Upper
43	100		
72	23.0	23.1	34.7#





#29

Tetrahydrofuran

Concen: 0.37 ug/l

RT: 7.177 min Scan# 1691

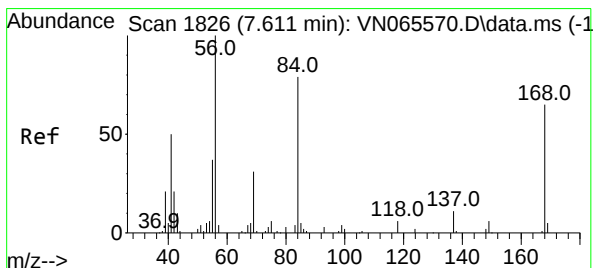
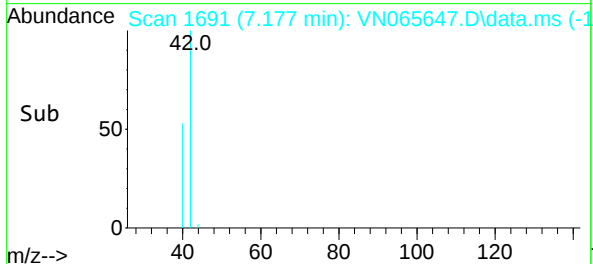
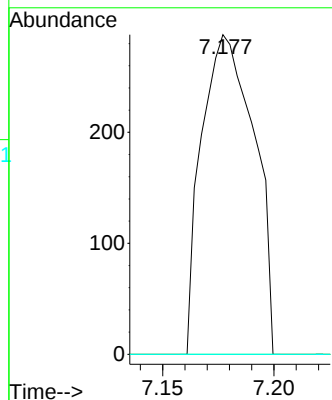
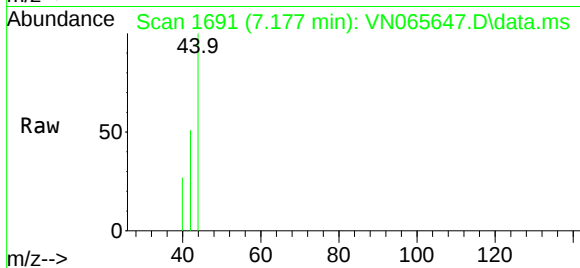
Delta R.T. 0.006 min

Lab File: VN065647.D

Acq: 28 Jan 2021 14:14

Tgt Ion:	42	Resp:	472
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#

Instrument :
MSVOA_N
ClientSampleId :
PB134372TB



#31

Cyclohexane

Concen: 0.81 ug/l

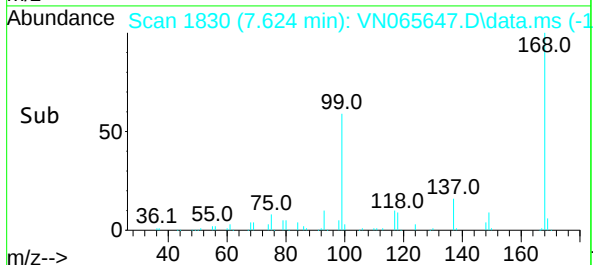
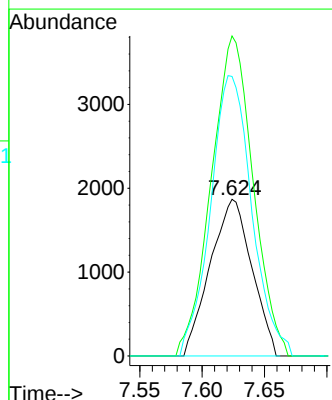
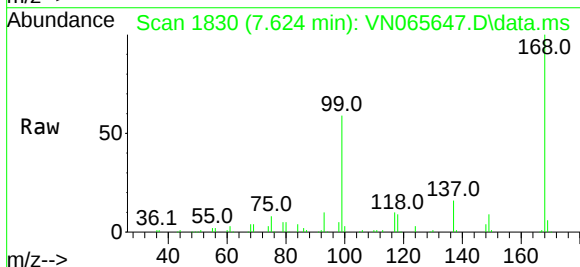
RT: 7.624 min Scan# 1830

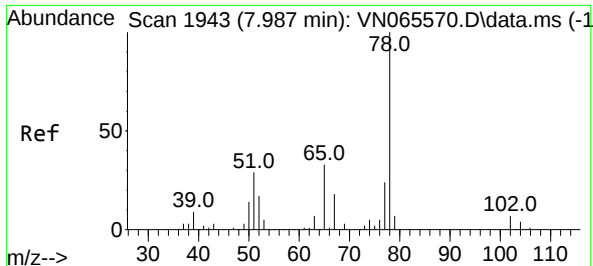
Delta R.T. 0.013 min

Lab File: VN065647.D

Acq: 28 Jan 2021 14:14

Tgt Ion:	56	Resp:	4338
Ion	Ratio	Lower	Upper
56	100		
69	195.4	26.6	39.8#
84	178.5	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 48.60 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065647.D

Acq: 28 Jan 2021 14:14

Tgt Ion: 65 Resp: 138463

Ion Ratio Lower Upper

65 100

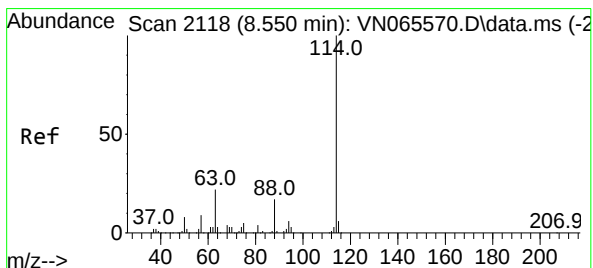
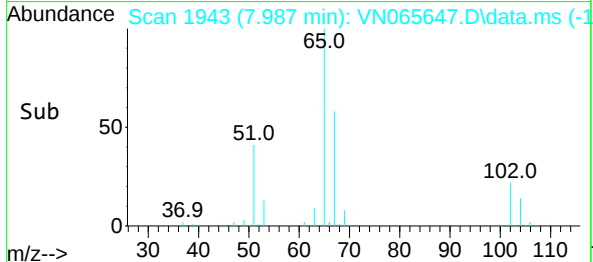
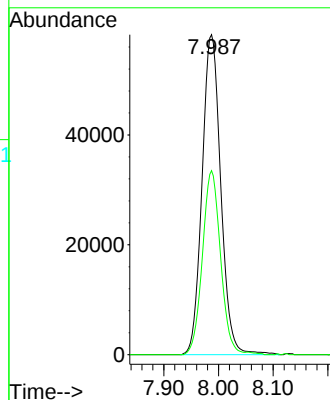
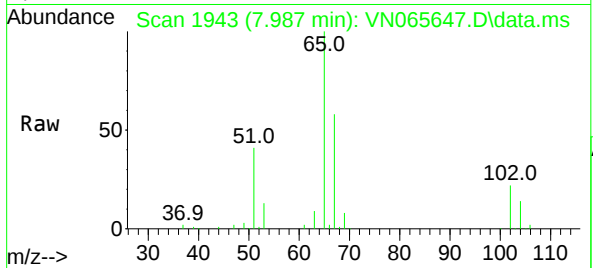
67 55.5 0.0 107.2

Instrument :

MSVOA_N

ClientSampleId :

PB134372TB



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.550 min Scan# 2118

Delta R.T. -0.000 min

Lab File: VN065647.D

Acq: 28 Jan 2021 14:14

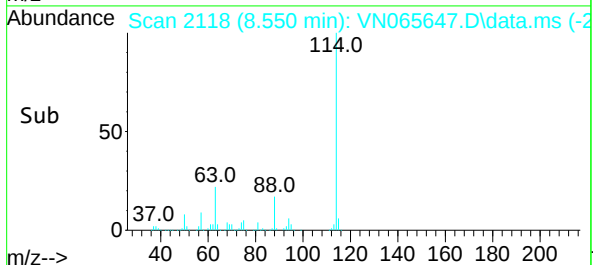
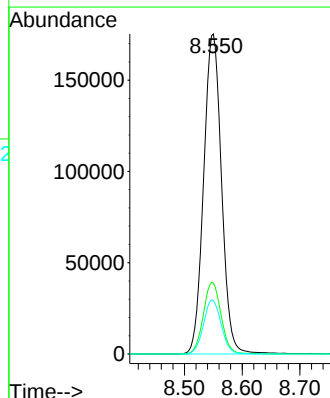
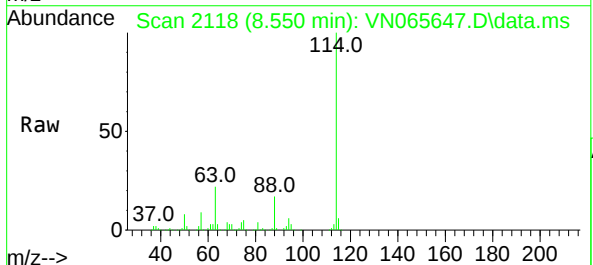
Tgt Ion: 114 Resp: 376969

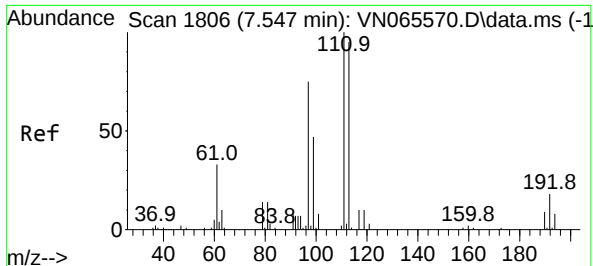
Ion Ratio Lower Upper

114 100

63 22.3 0.0 38.6

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.60 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065647.D

Acq: 28 Jan 2021 14:14

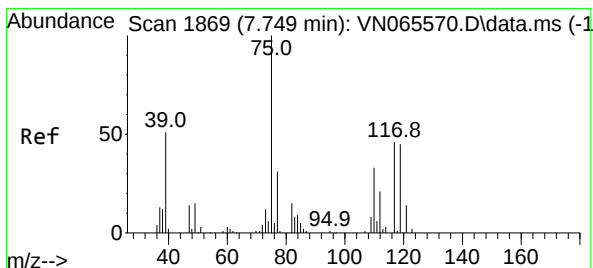
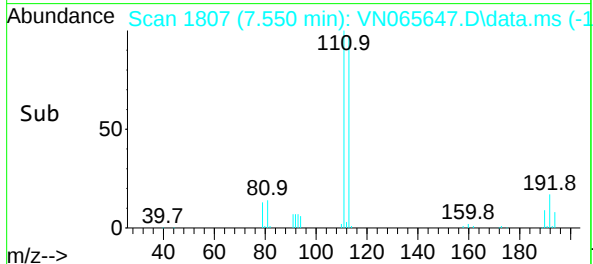
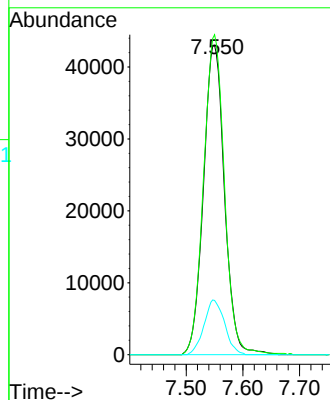
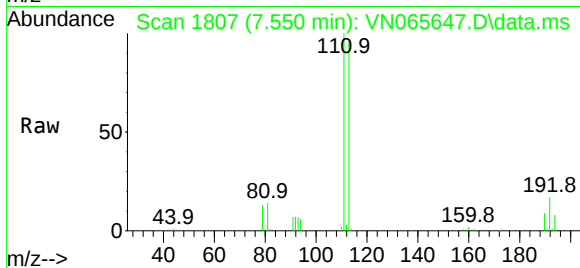
Tgt Ion:113 Resp: 110805

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 17.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.64 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065647.D

Acq: 28 Jan 2021 14:14

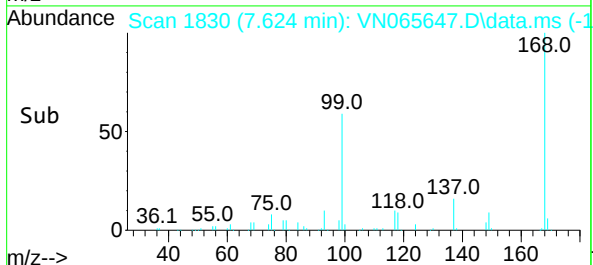
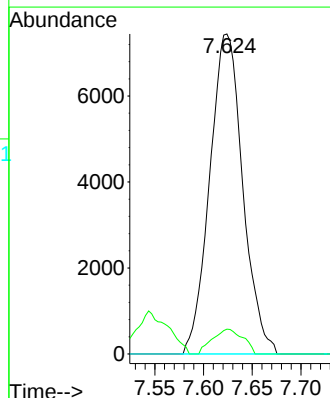
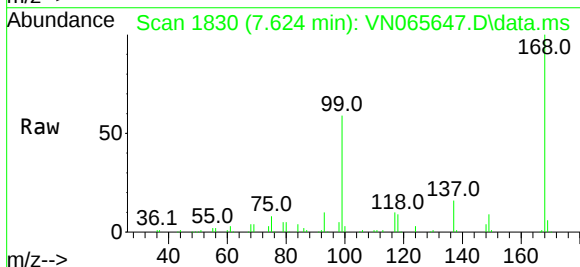
Tgt Ion: 75 Resp: 17595

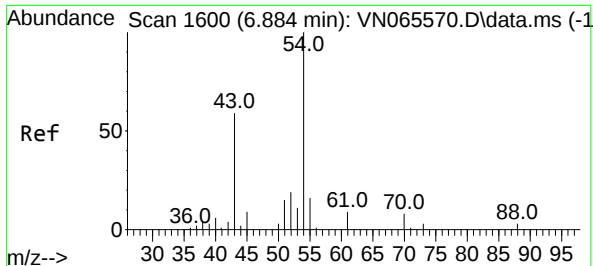
Ion Ratio Lower Upper

75 100

110 7.1 18.2 54.6#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.28 ug/l

RT: 6.807 min Scan# 1576

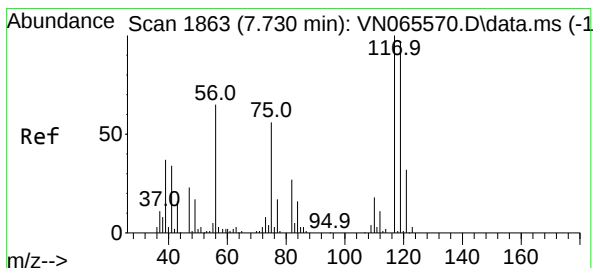
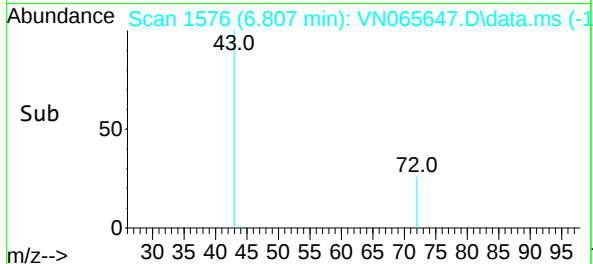
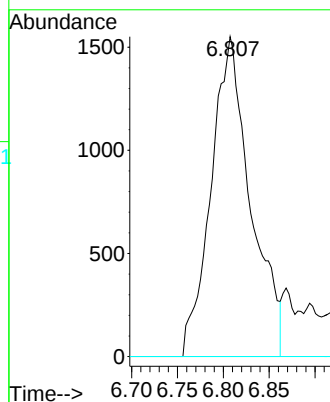
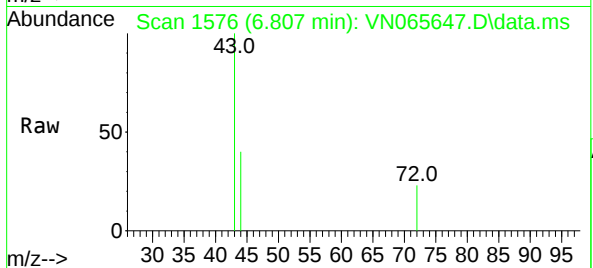
Delta R.T. -0.077 min

Lab File: VN065647.D

Acq: 28 Jan 2021 14:14

Instrument :
MSVOA_N
ClientSampled :
PB134372TB

Tgt Ion:	43	Resp:	4671
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.76 ug/l

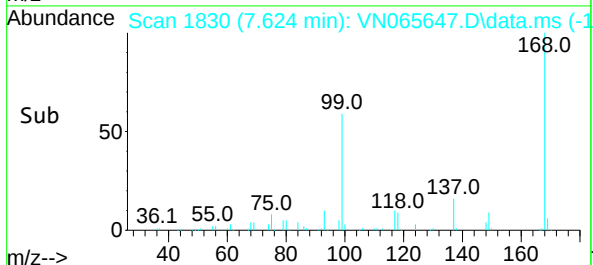
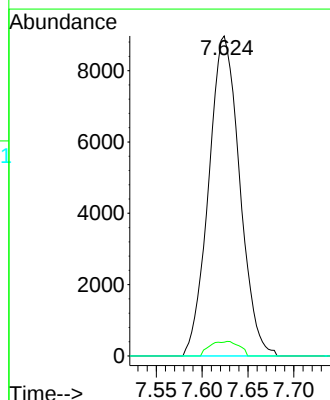
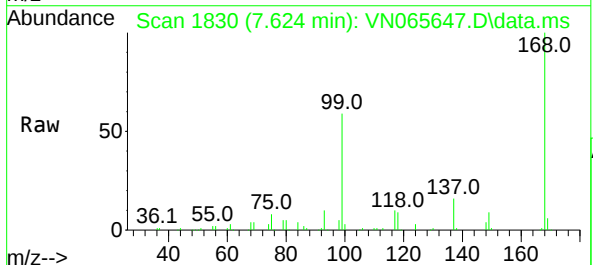
RT: 7.624 min Scan# 1830

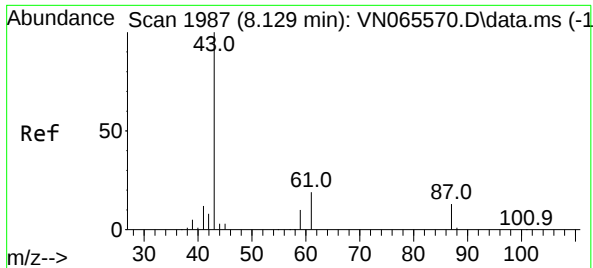
Delta R.T. -0.106 min

Lab File: VN065647.D

Acq: 28 Jan 2021 14:14

Tgt Ion:	117	Resp:	21104
Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.0	114.0#
121	0.0	24.5	36.7#

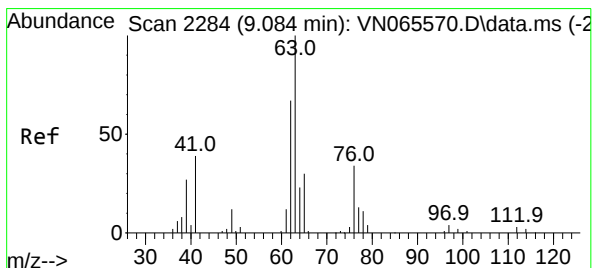
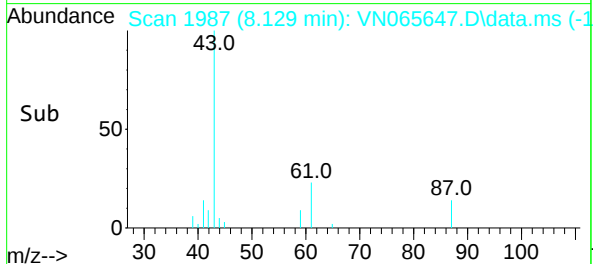
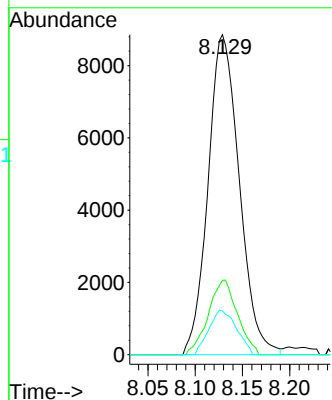
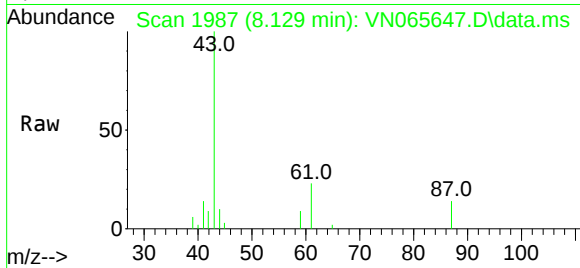




#43
Isopropyl Acetate
Concen: 3.15 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

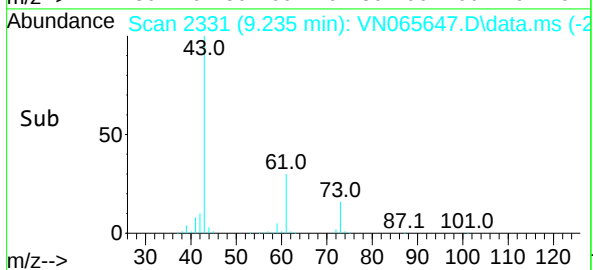
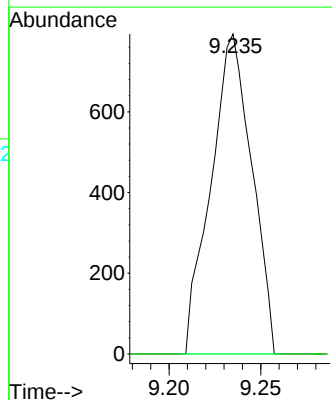
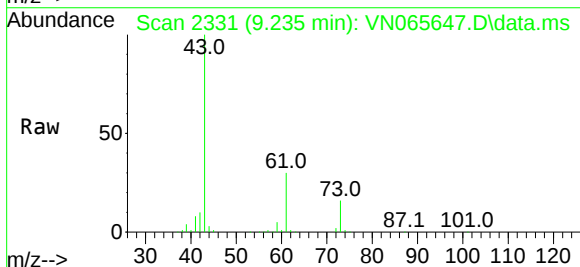
Instrument :
MSVOA_N
ClientSampleId :
PB134372TB

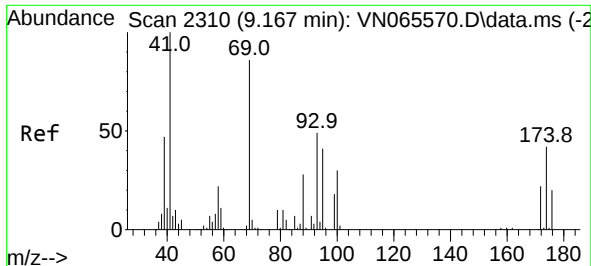
Tgt Ion: 43 Resp: 20342
Ion Ratio Lower Upper
43 100
61 21.7 22.5 33.7#
87 12.3 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.39 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Tgt Ion: 63 Resp: 1229
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

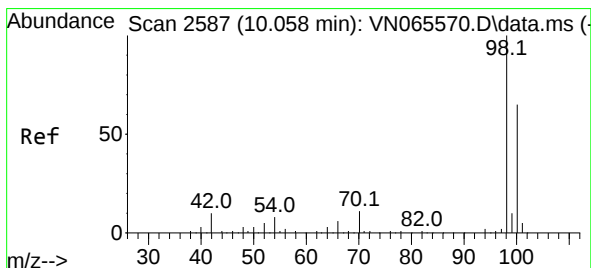
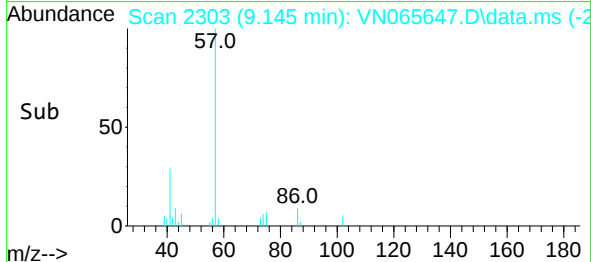
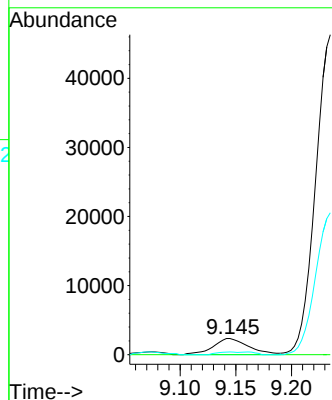
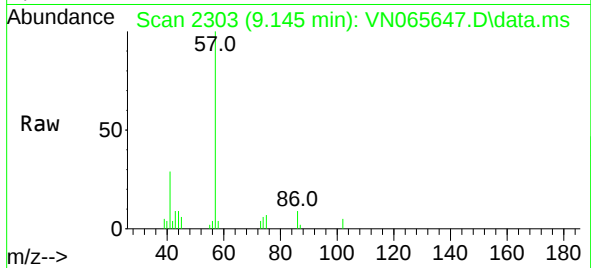




#48
Methyl methacrylate
Concen: 1.69 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

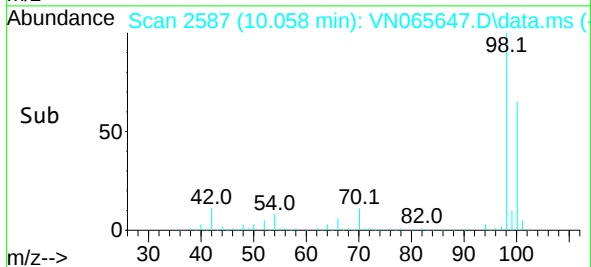
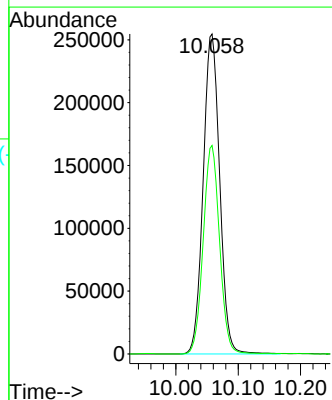
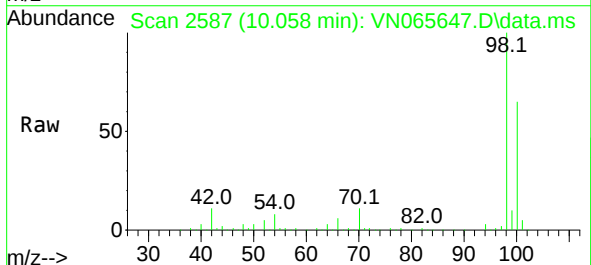
Instrument :
MSVOA_N
ClientSampleId :
PB134372TB

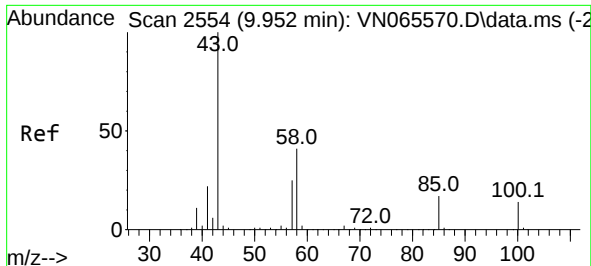
Tgt Ion: 41 Resp: 5185
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.42 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Tgt Ion: 98 Resp: 469116
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

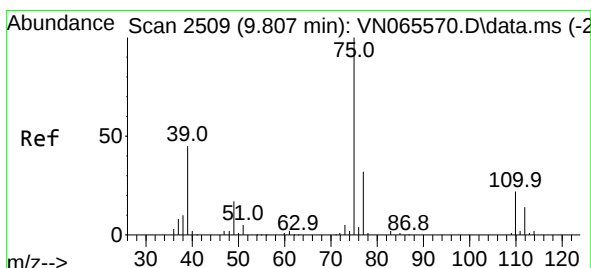
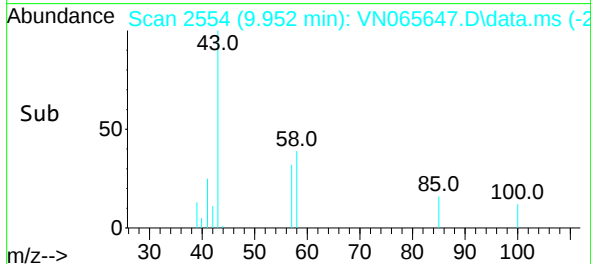
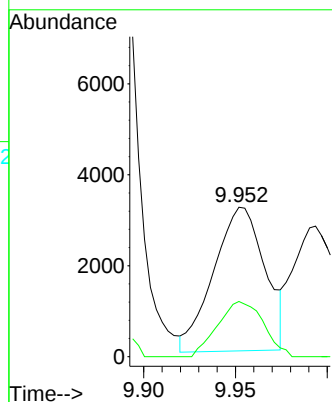
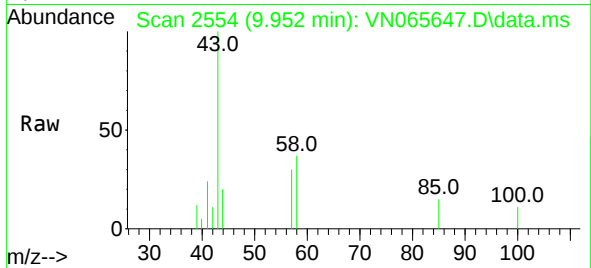




#51
4-Methyl-2-Pentanone
Concen: 1.73 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

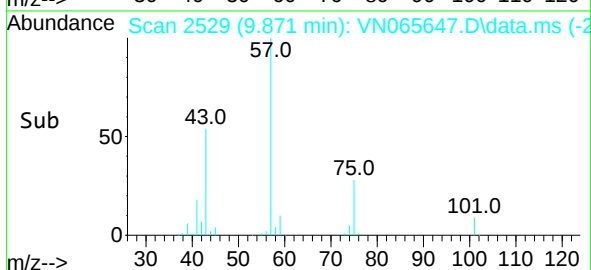
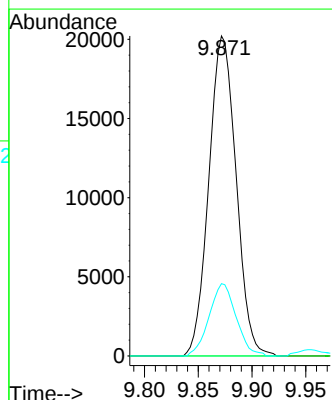
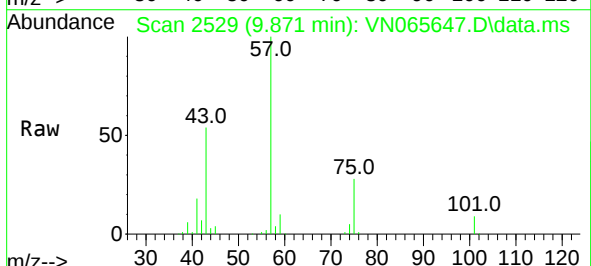
Instrument :
MSVOA_N
ClientSampleId :
PB134372TB

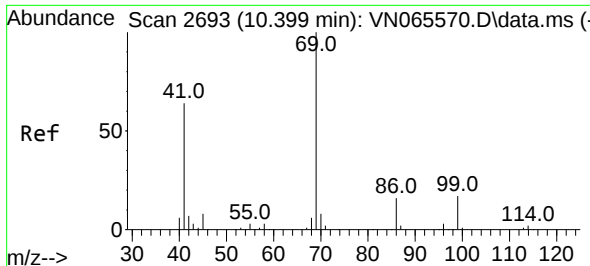
Tgt Ion: 43 Resp: 6165
Ion Ratio Lower Upper
43 100
58 34.2 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.28 ug/l
RT: 9.871 min Scan# 2529
Delta R.T. 0.064 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Tgt Ion: 75 Resp: 35672
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 22.6 36.2 54.4#

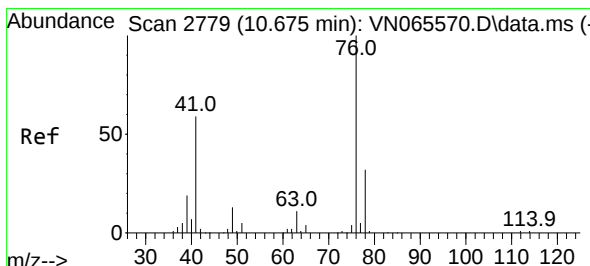
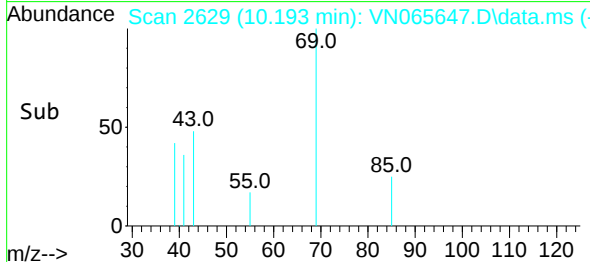
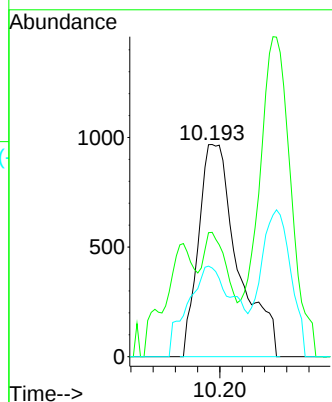
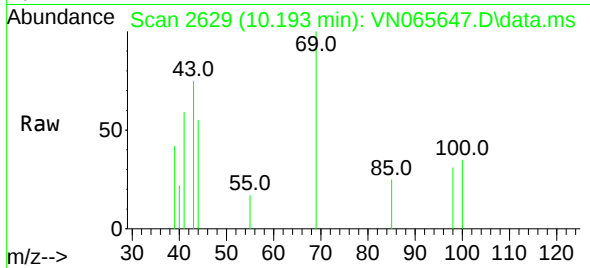




#56
Ethyl methacrylate
Concen: 0.55 ug/l
RT: 10.193 min Scan# 2629
Delta R.T. -0.206 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

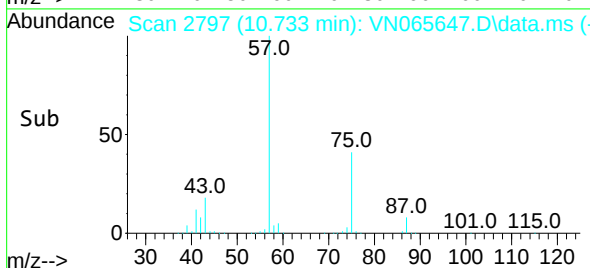
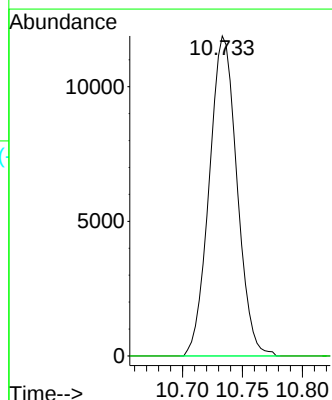
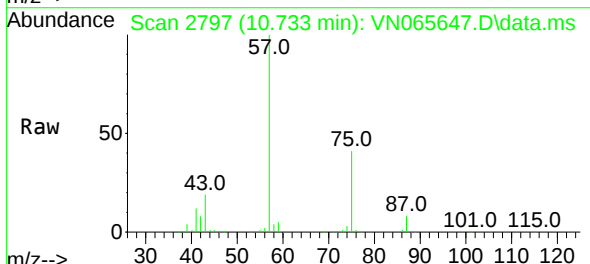
Instrument :
MSVOA_N
ClientSampleId :
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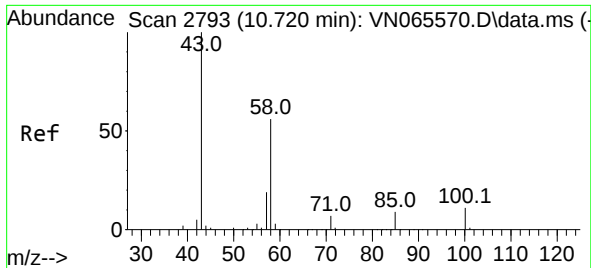
Tgt Ion: 69 Resp: 2365
Ion Ratio Lower Upper
69 100
41 27.8 49.6 74.4#
39 50.4 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 4.15 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Tgt Ion: 76 Resp: 19107
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

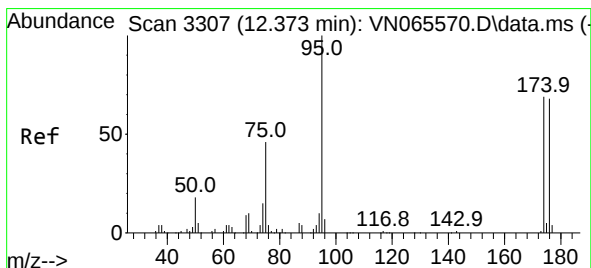
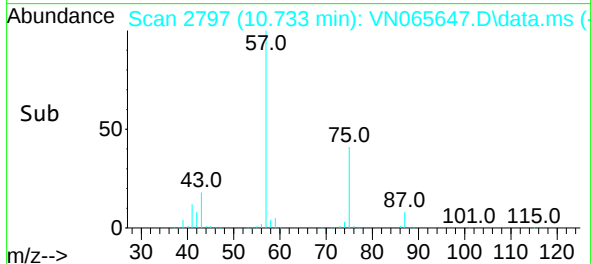
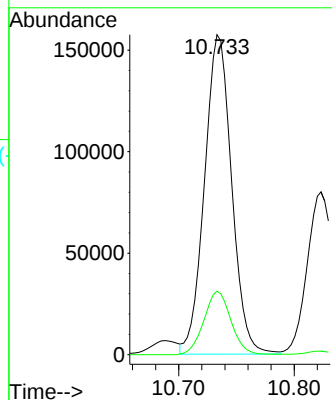
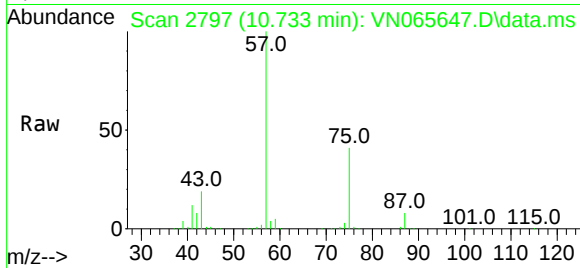




#59
2-Hexanone
Concen: 103.99 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

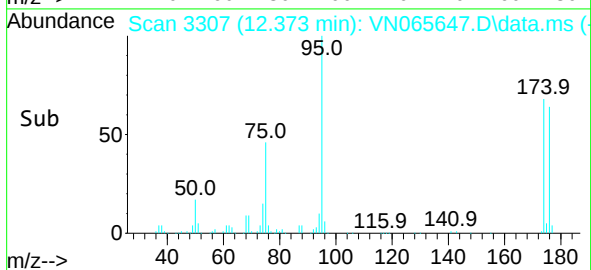
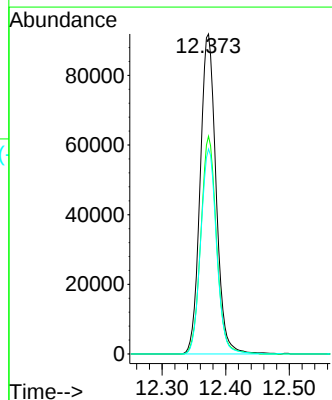
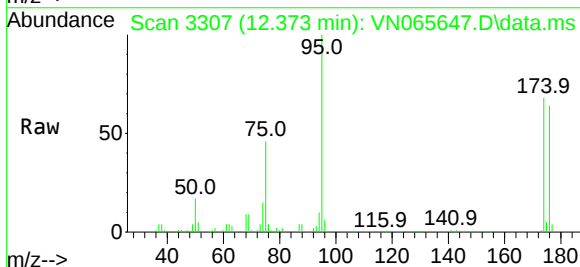
Instrument :
MSVOA_N
ClientSampled :
PB134372TB

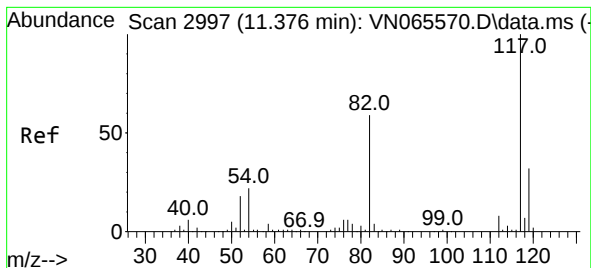
Tgt Ion: 43 Resp: 256850
Ion Ratio Lower Upper
43 100
58 19.9 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 50.41 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Tgt Ion: 95 Resp: 159401
Ion Ratio Lower Upper
95 100
174 67.0 0.0 169.0
176 64.1 0.0 162.4

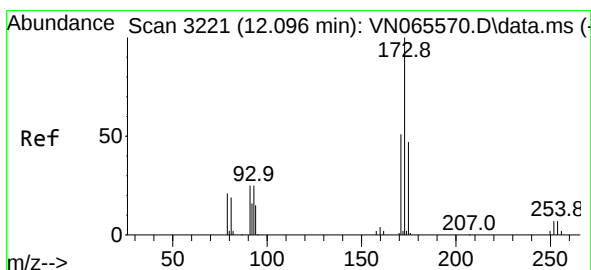
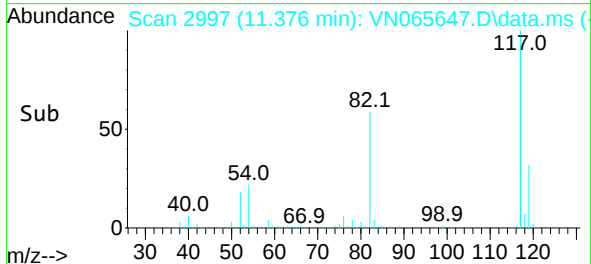
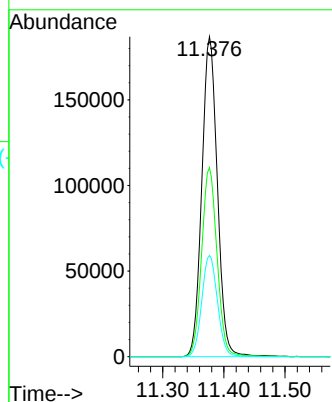
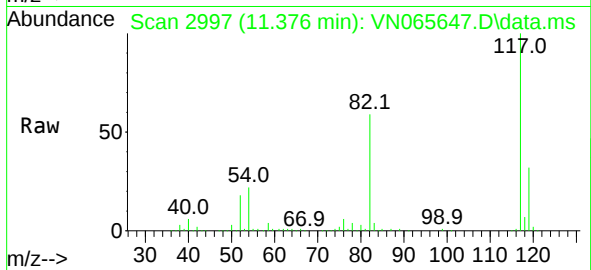




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

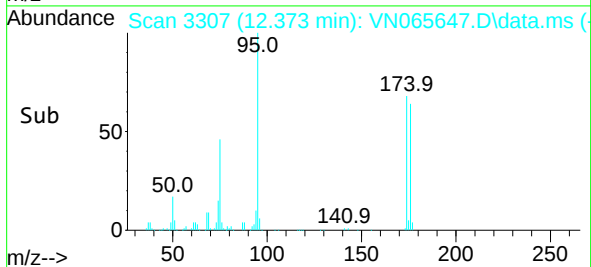
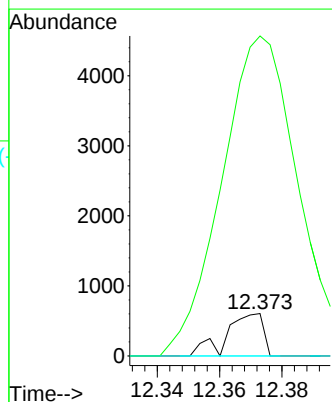
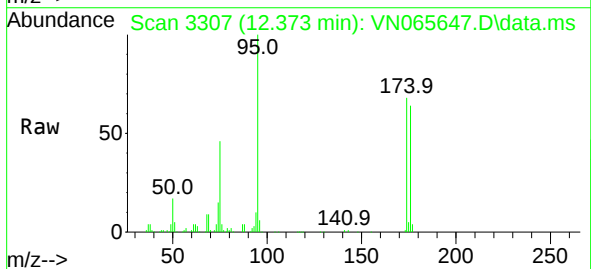
Instrument :
MSVOA_N
ClientSampleId :
PB134372TB

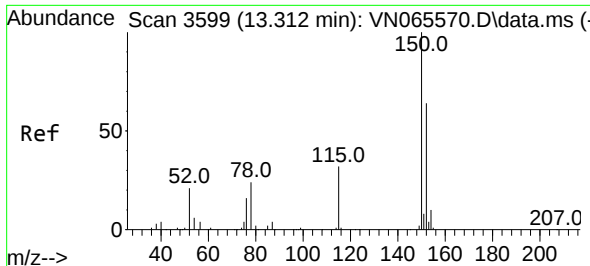
Tgt Ion:117 Resp: 329868
Ion Ratio Lower Upper
117 100
82 59.1 43.7 65.5
119 31.7 26.1 39.1



#71
Bromoform
Concen: 0.30 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Tgt Ion:173 Resp: 499
Ion Ratio Lower Upper
173 100
175 1303.4 23.8 71.2#
254 0.0 0.0 0.0

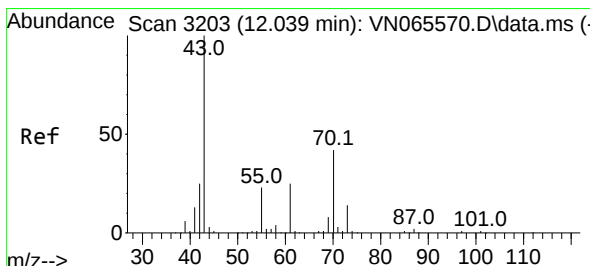
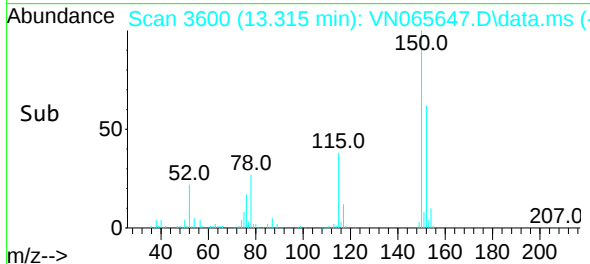
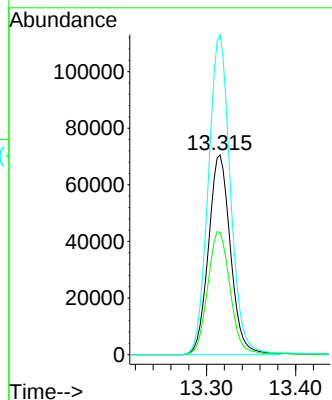
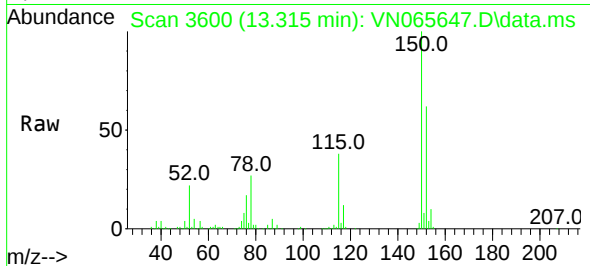




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

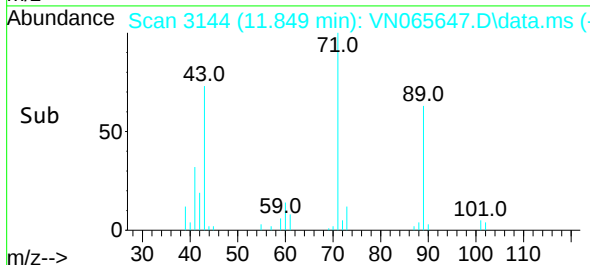
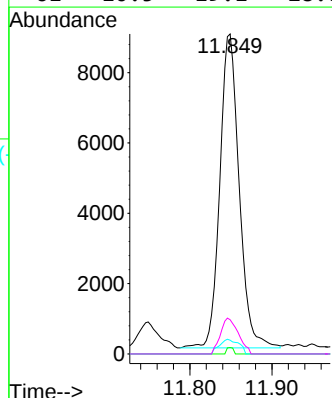
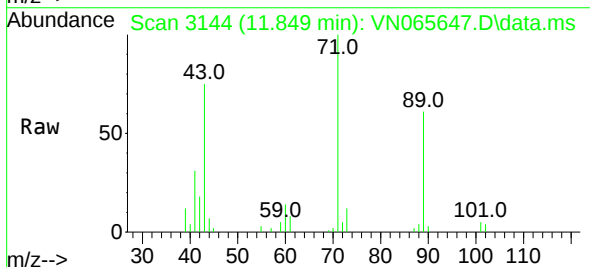
Instrument :
MSVOA_N
ClientSampleId :
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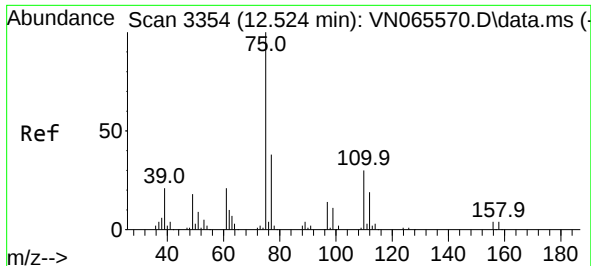
Tgt Ion:152 Resp: 121123
Ion Ratio Lower Upper
152 100
115 62.7 28.5 85.6
150 161.4 0.0 347.6



#74
N-ethyl acetate
Concen: 3.27 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.190 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Tgt Ion: 43 Resp: 14661
Ion Ratio Lower Upper
43 100
70 0.7 34.4 51.6#
55 4.7 20.7 31.1#
61 10.5 19.1 28.7#

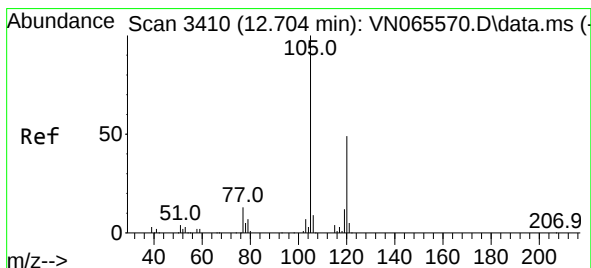
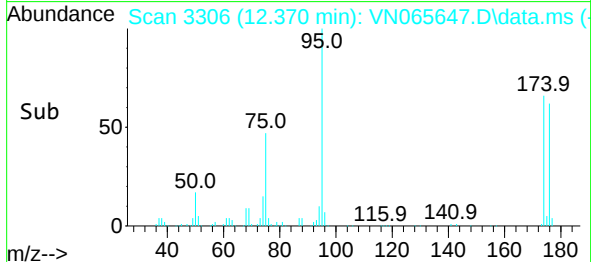
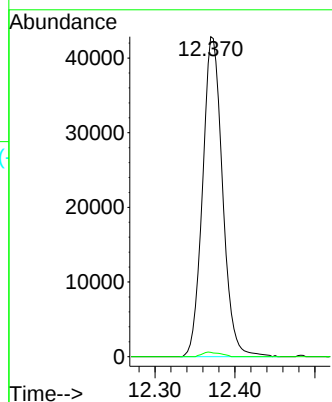
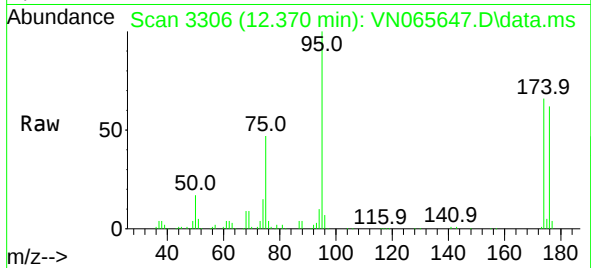




#76
1,2,3-Trichloropropane
Concen: 23.48 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

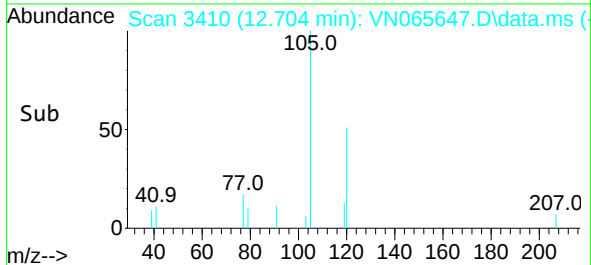
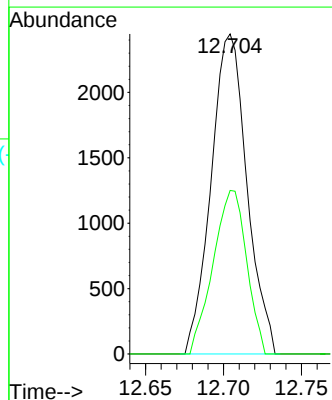
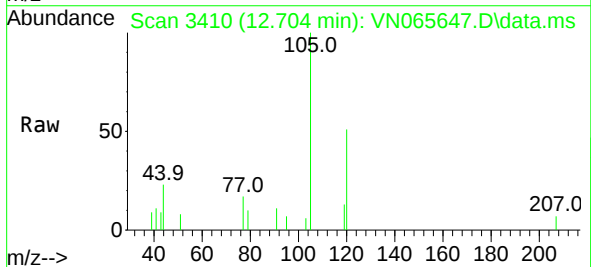
Instrument :
MSVOA_N
ClientSampleId :
PB134372TB

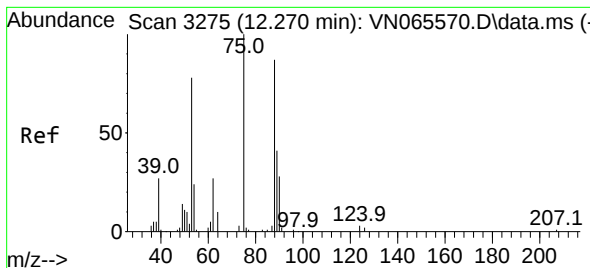
Tgt Ion: 75 Resp: 74379
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.43 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

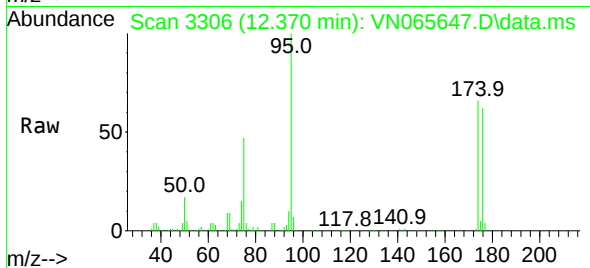
Tgt Ion: 105 Resp: 3909
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8



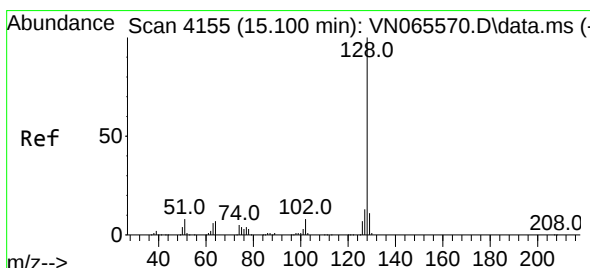
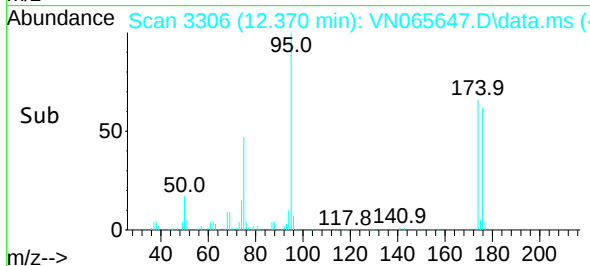
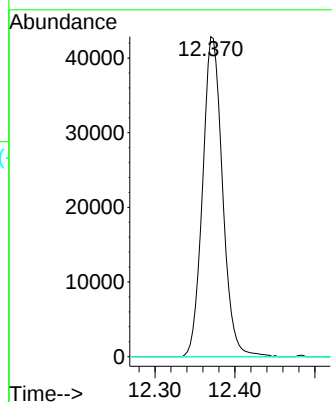


#81
trans-1,4-Dichloro-2-butene
Concen: 60.15 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB134372TB



Tgt Ion: 75 Resp: 74379
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.46 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065647.D
Acq: 28 Jan 2021 14:14

Tgt Ion: 128 Resp: 60
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

