

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065455.D
 Acq On : 8 Jan 2021 19:56
 Operator : JC/MD
 Sample : PB133969ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133969ZHE#07

Quant Time: Jan 08 22:51:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

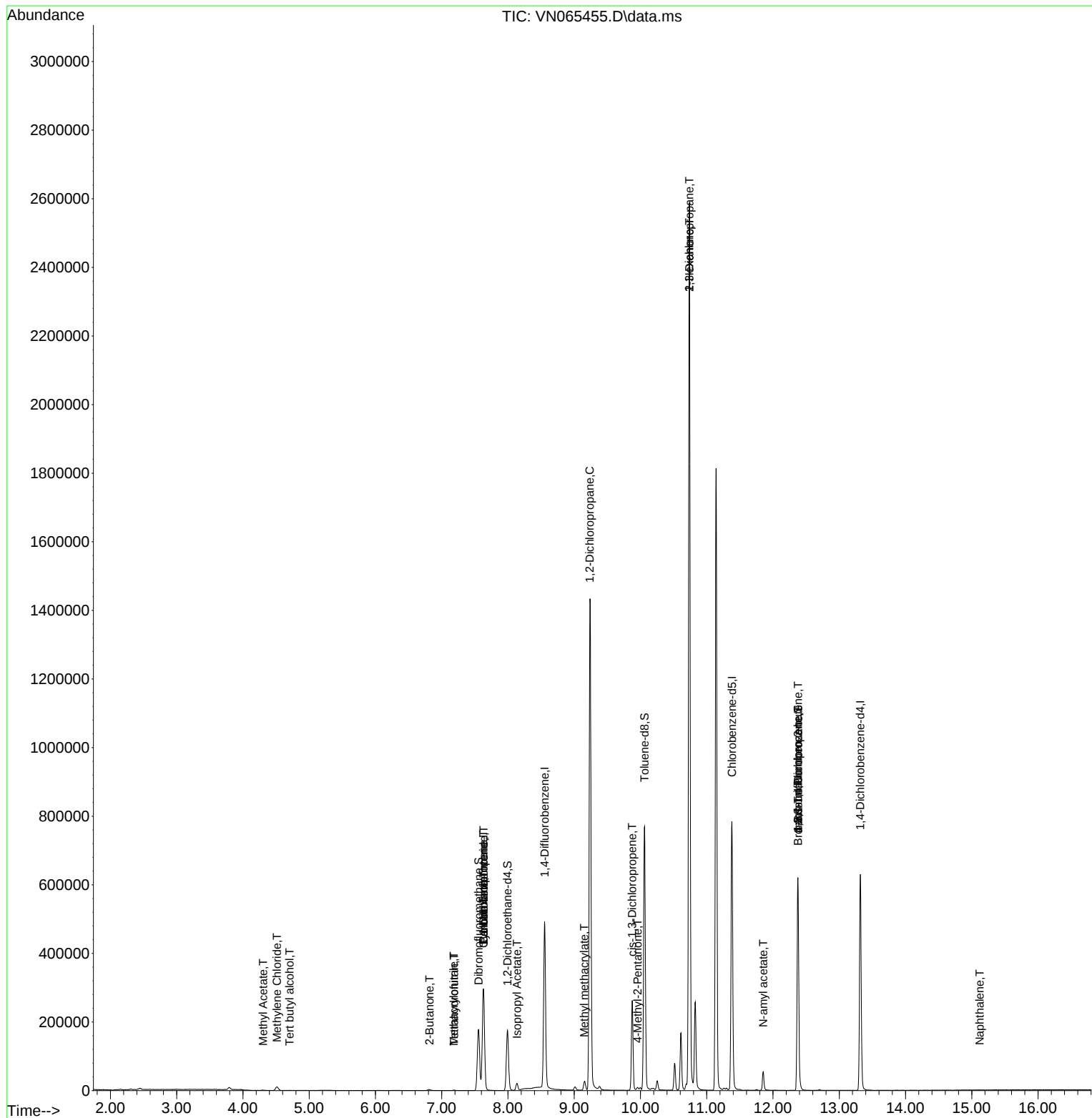
Internal Standards						
1) Pentafluorobenzene	7.630	168	269712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	456893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	489433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	194555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	155701	51.14	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.28%			
35) Dibromofluoromethane	7.557	113	136950	49.68	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.36%			
50) Toluene-d8	10.061	98	565187	54.71	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.42%			
62) 4-Bromofluorobenzene	12.376	95	216672	52.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.44%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.705	59	175	0.35	ug/l #	73
16) Acetone	3.791	43	9797	Below Cal		95
18) Methyl Acetate	4.306	43	2530	0.93	ug/l #	75
20) Methylene Chloride	4.515	84	8660	2.92	ug/l	95
25) 2-Butanone	6.817	43	2625	1.54	ug/l	97
29) Tetrahydrofuran	7.187	42	1258	1.14	ug/l #	45
31) Cyclohexane	7.634	56	4357	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16987	4.09	ug/l #	49
38) Carbon Tetrachloride	7.630	117	22453	5.15	ug/l #	17
41) Methacrylonitrile	7.184	41	538	0.25	ug/l #	13
43) Isopropyl Acetate	8.135	43	25671	3.62	ug/l	97
45) 1,2-Dichloropropane	9.235	63	1833	0.57	ug/l #	43
48) Methyl methacrylate	9.151	41	6295	1.83	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	5690	1.43	ug/l	94
54) cis-1,3-Dichloropropene	9.875	75	47981	8.71	ug/l #	60
57) 1,3-Dichloropropane	10.736	76	27919	5.49	ug/l #	42
59) 2-Hexanone	10.736	43	372024	126.82	ug/l #	50
71) Bromoform	12.380	173	1408	0.42	ug/l #	1
74) N-amyl acetate	11.852	43	17821	3.02	ug/l #	51
76) 1,2,3-Trichloropropane	12.376	75	106645	26.87	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	106645	67.75	ug/l #	15
95) Naphthalene	15.119	128	820	3.45	ug/l #	69

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

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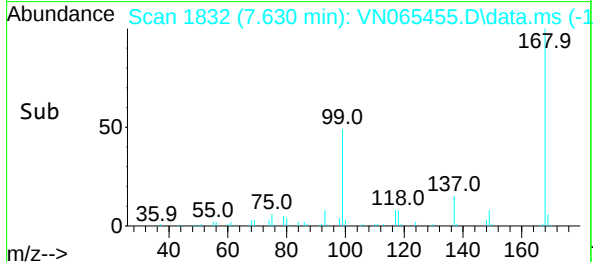
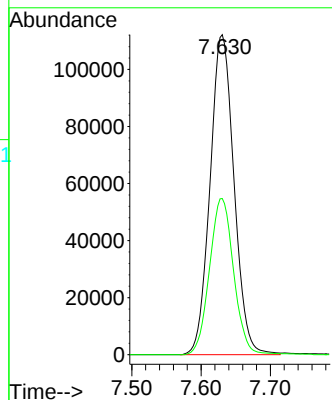
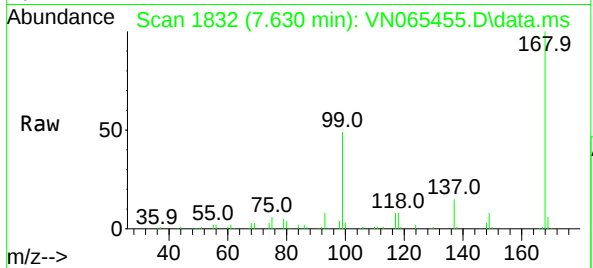




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

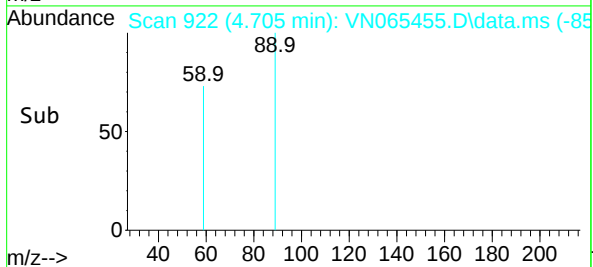
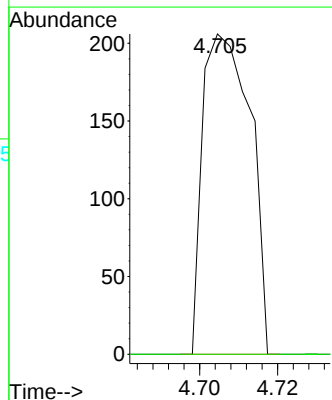
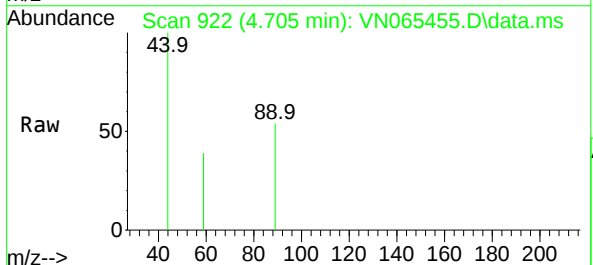
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

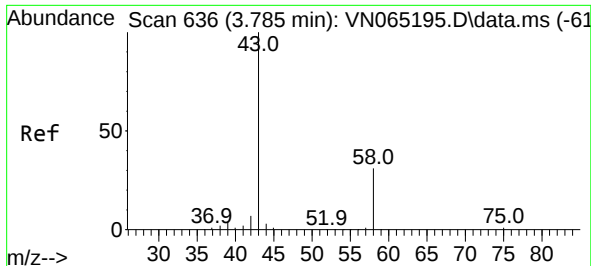
Tgt Ion:168 Resp: 269712
Ion Ratio Lower Upper
168 100
99 48.8 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.35 ug/l
RT: 4.705 min Scan# 922
Delta R.T. -0.067 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

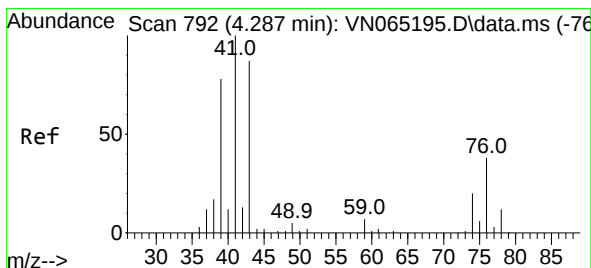
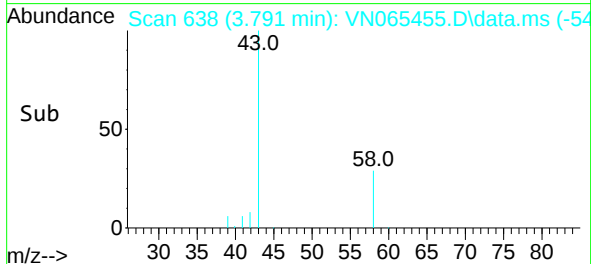
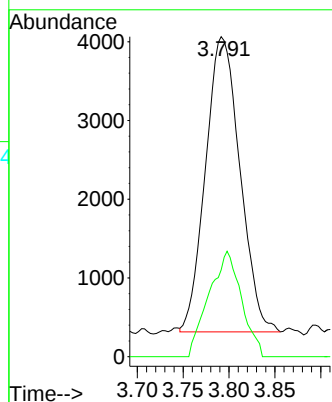
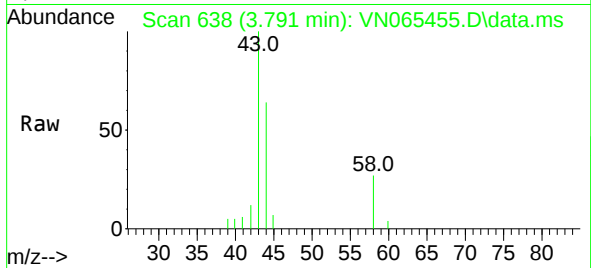




#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

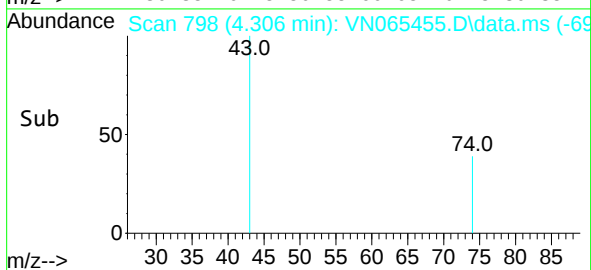
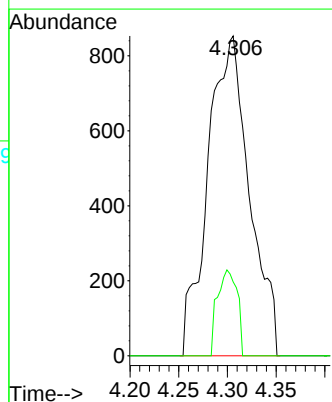
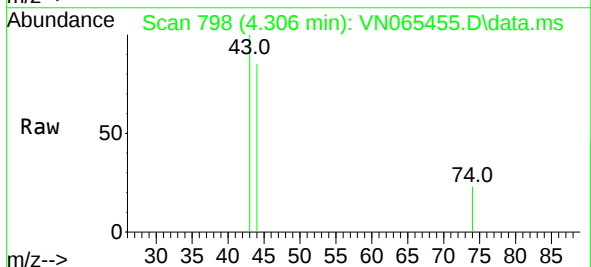
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

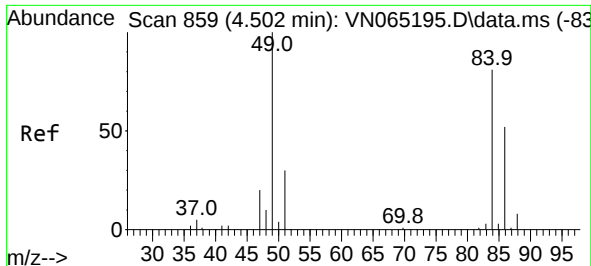
Tgt Ion: 43 Resp: 9797
Ion Ratio Lower Upper
43 100
58 29.4 25.7 38.5



#18
Methyl Acetate
Concen: 0.93 ug/l
RT: 4.306 min Scan# 798
Delta R.T. 0.019 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Tgt Ion: 43 Resp: 2530
Ion Ratio Lower Upper
43 100
74 12.7 20.2 30.2#





#20

Methylene Chloride

Concen: 2.92 ug/l

RT: 4.515 min Scan# 863

Delta R.T. 0.013 min

Lab File: VN065455.D

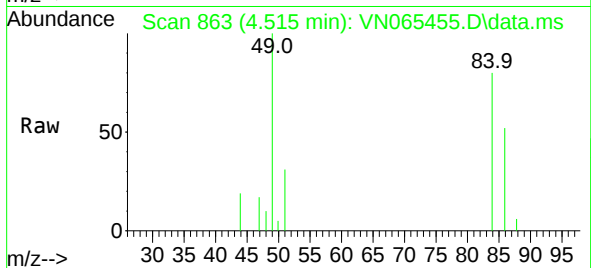
Acq: 8 Jan 2021 19:56

Instrument :

MSVOA_N

ClientSampleId :

PB133969ZHE#07



Tgt Ion: 84 Resp: 8660

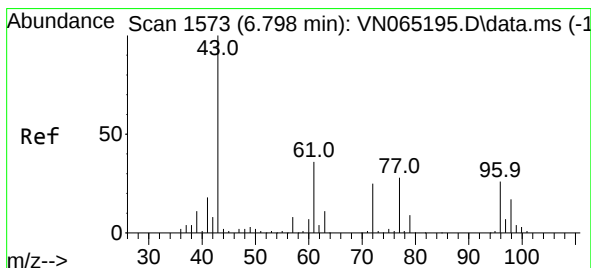
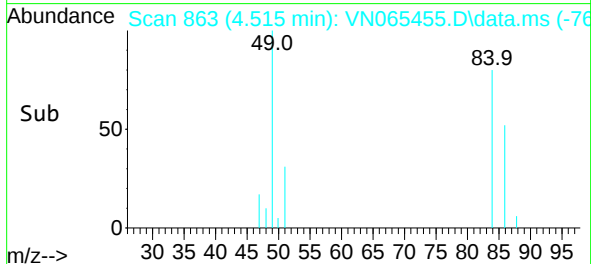
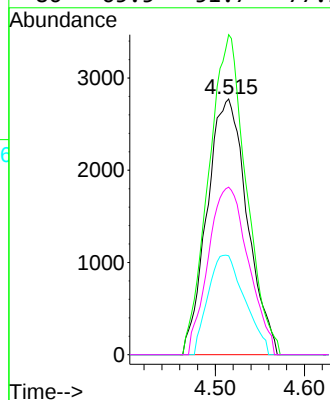
Ion Ratio Lower Upper

84 100

49 125.1 93.4 140.0

51 38.7 28.2 42.4

86 65.5 51.7 77.5



#25

2-Butanone

Concen: 1.54 ug/l

RT: 6.817 min Scan# 1579

Delta R.T. 0.019 min

Lab File: VN065455.D

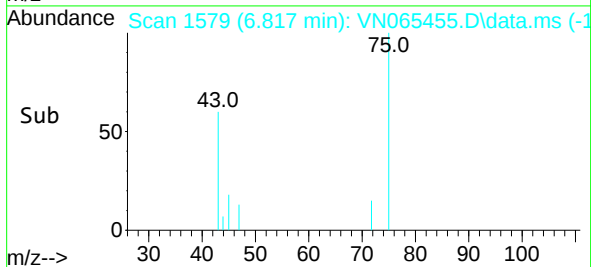
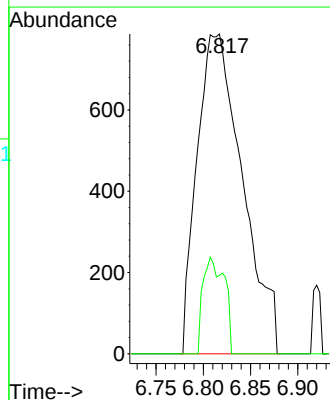
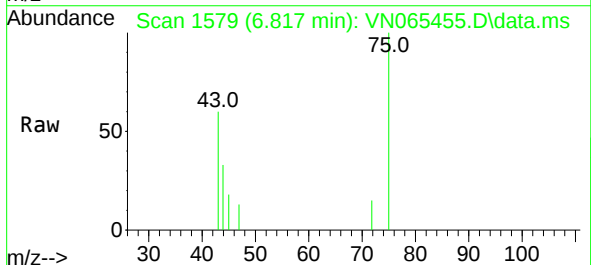
Acq: 8 Jan 2021 19:56

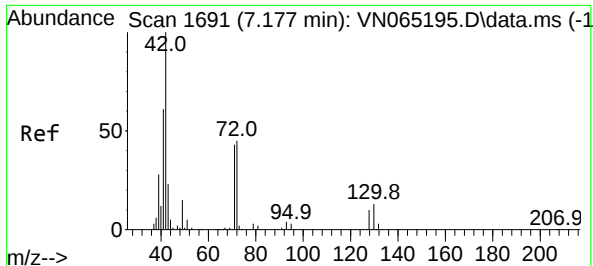
Tgt Ion: 43 Resp: 2625

Ion Ratio Lower Upper

43 100

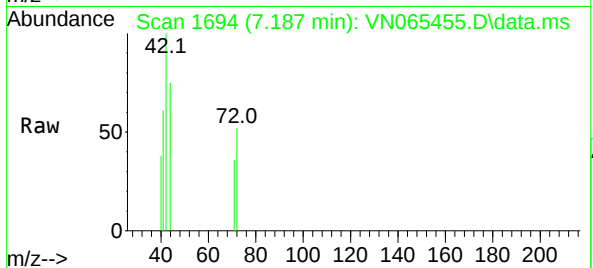
72 24.5 21.0 31.6



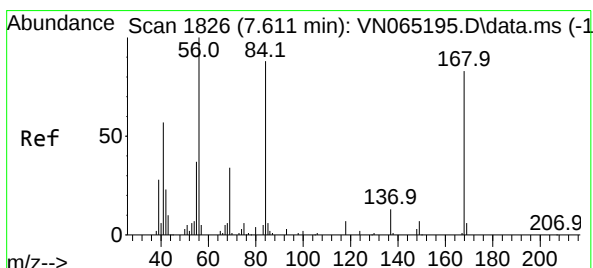
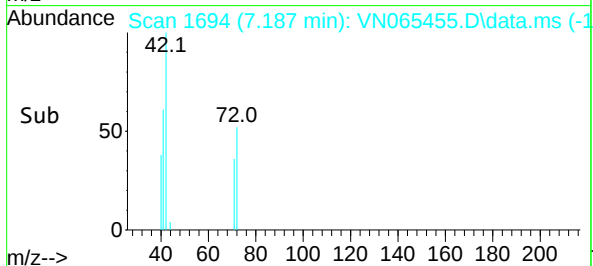
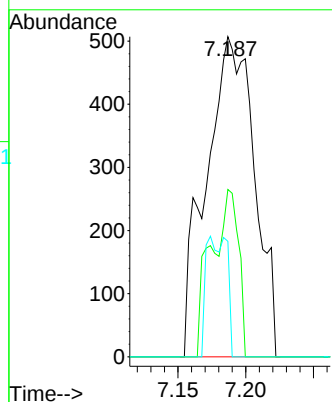


#29
Tetrahydrofuran
Concen: 1.14 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.010 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

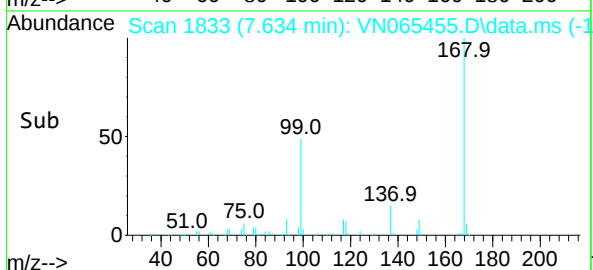
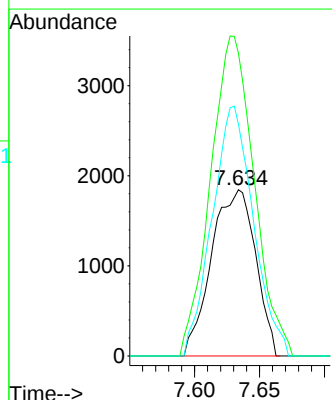
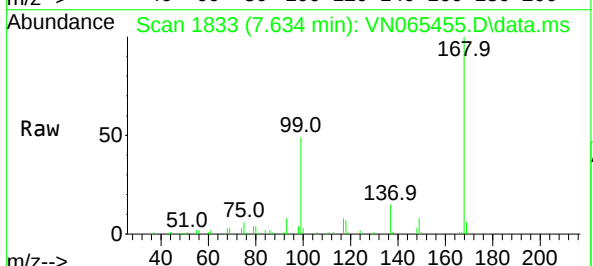


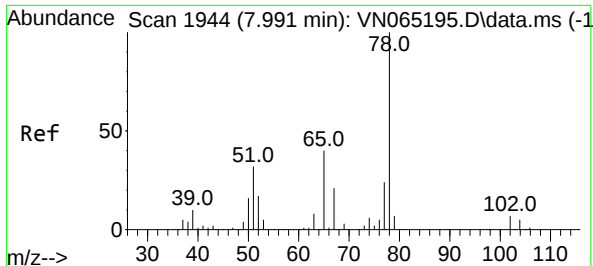
Tgt Ion:	42	Resp:	1258
Ion	Ratio	Lower	Upper
42	100		
72	16.7	36.6	54.8#
71	0.0	33.6	50.4#



#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.634 min Scan# 1833
Delta R.T. 0.023 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Tgt Ion:	56	Resp:	4357
Ion	Ratio	Lower	Upper
56	100		
69	182.0	27.5	41.3#
84	139.4	73.9	110.9#

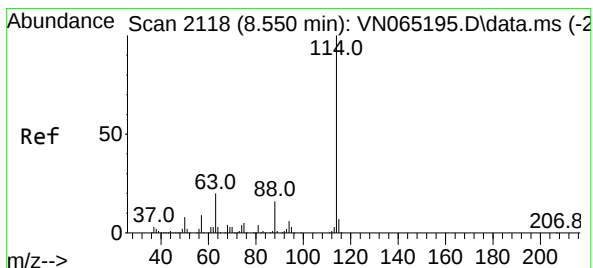
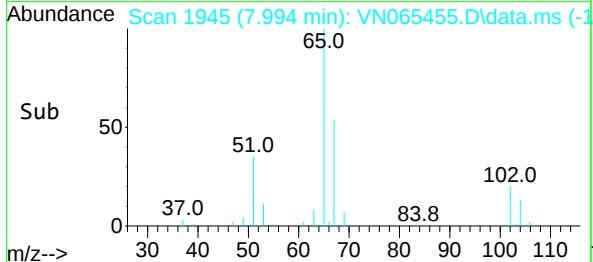
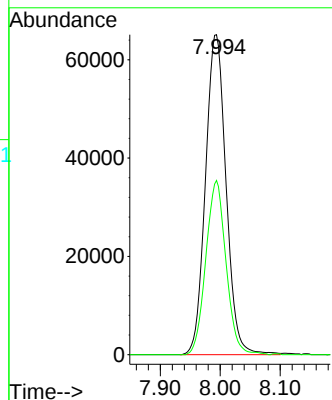
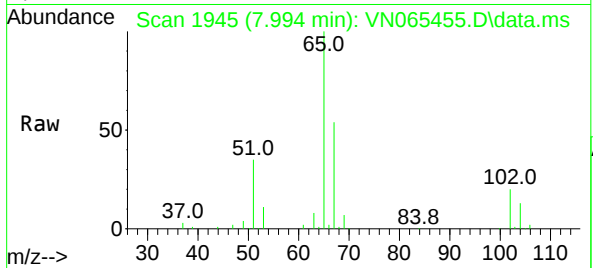




#33
1,2-Dichloroethane-d4
Concen: 51.14 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

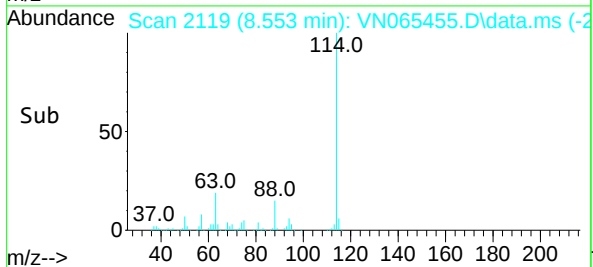
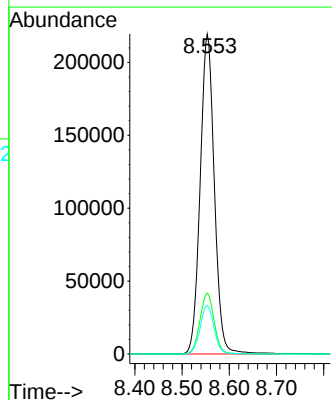
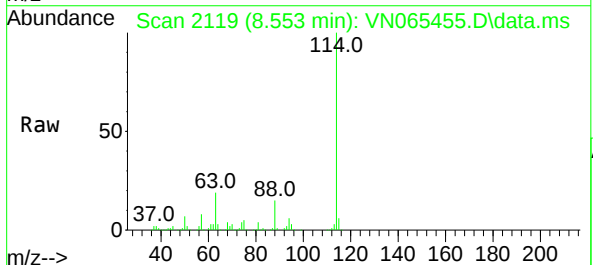
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

Tgt Ion: 65 Resp: 155701
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Tgt Ion: 114 Resp: 456893
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.1 0.0 32.6

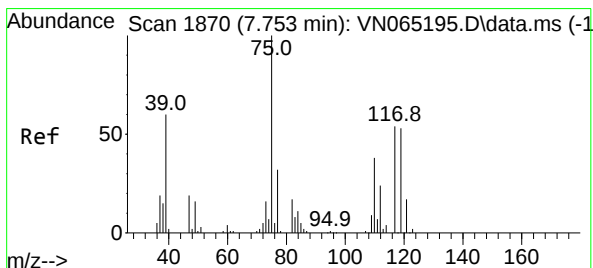
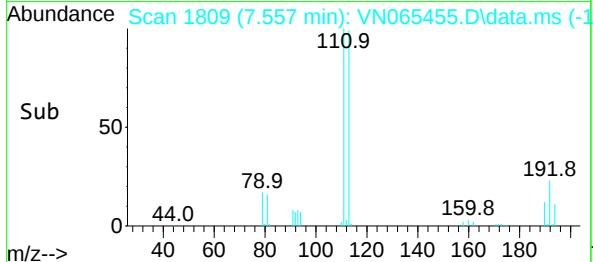
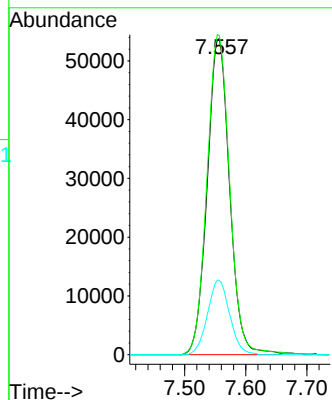
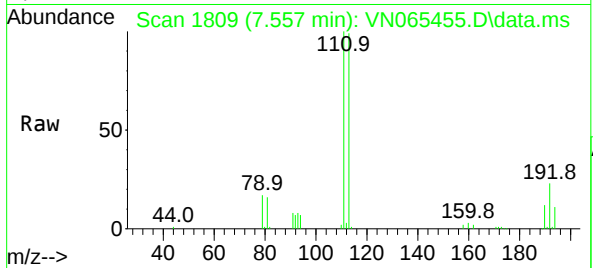




#35
Dibromofluoromethane
Concen: 49.68 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

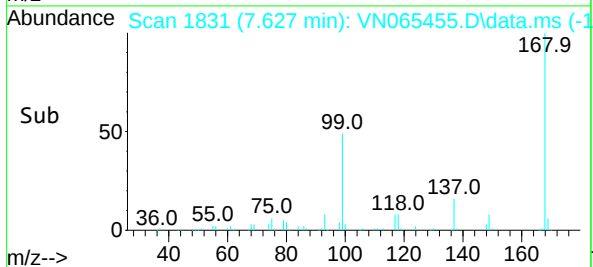
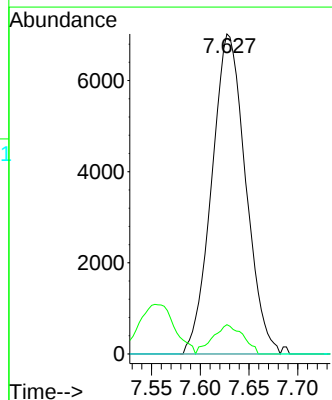
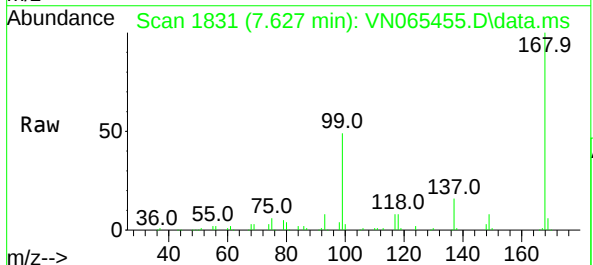
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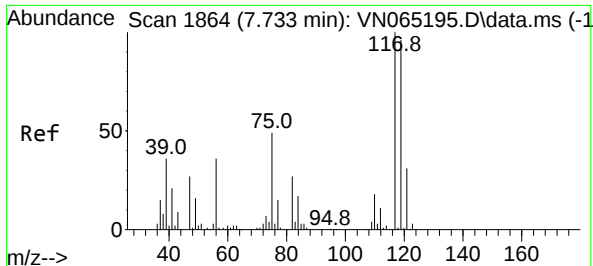
Tgt Ion:113 Resp: 136950
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 23.3 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.09 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

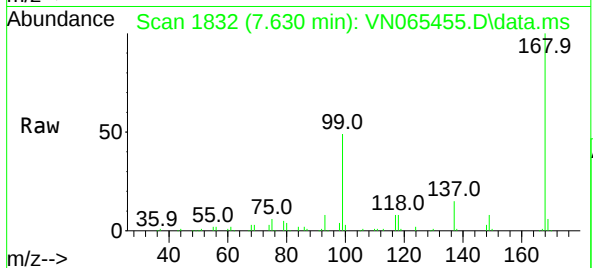
Tgt Ion: 75 Resp: 16987
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.3#
77 0.0 25.0 37.4#



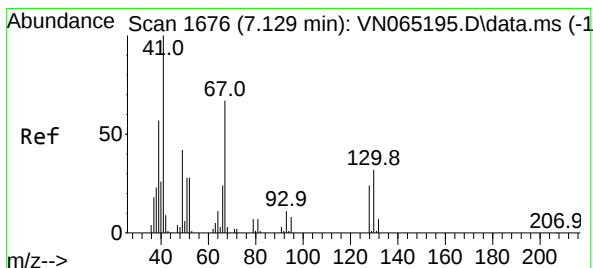
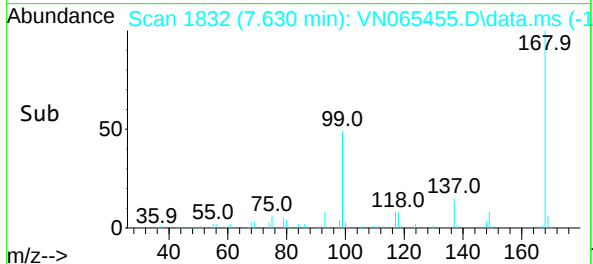
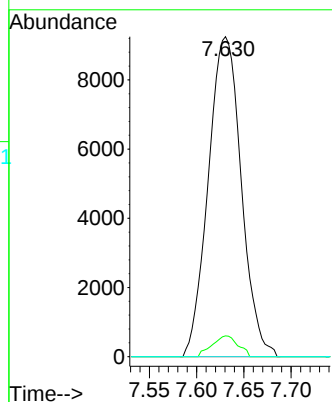


#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

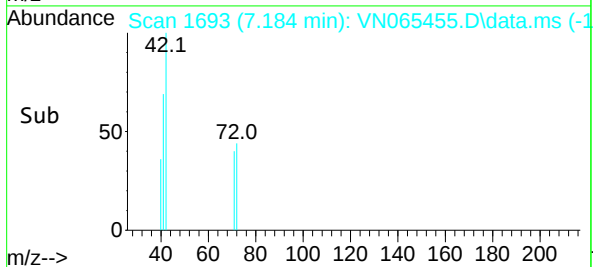
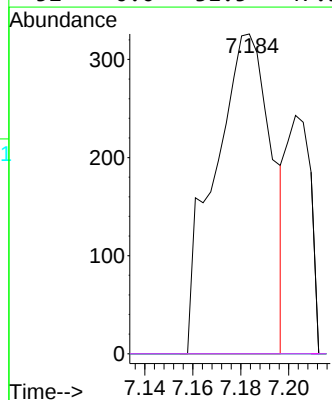
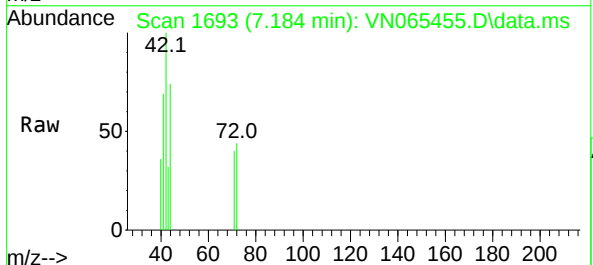


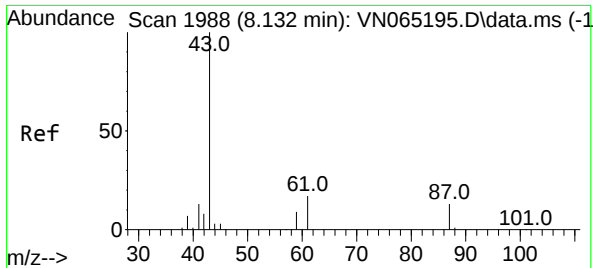
Tgt Ion:117 Resp: 22453
Ion Ratio Lower Upper
117 100
119 6.5 76.7 115.1#
121 0.0 25.4 38.2#



#41
Methacrylonitrile
Concen: 0.25 ug/l
RT: 7.184 min Scan# 1693
Delta R.T. 0.055 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Tgt Ion: 41 Resp: 538
Ion Ratio Lower Upper
41 100
39 0.0 51.0 76.6#
67 0.0 79.8 119.8#
52 0.0 31.5 47.3#

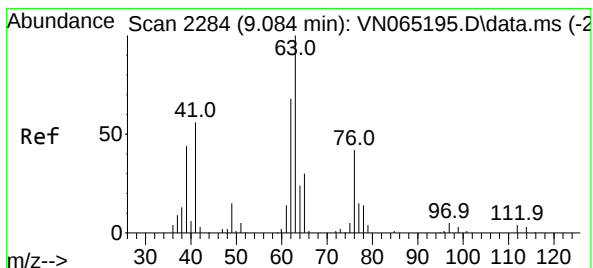
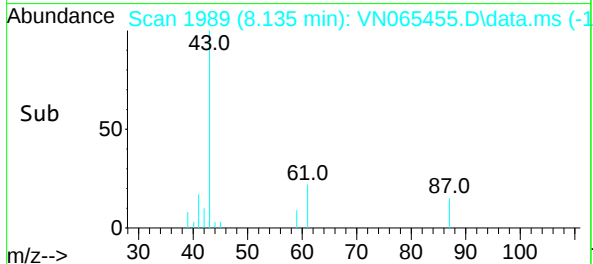
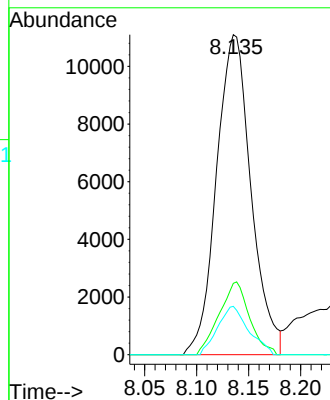
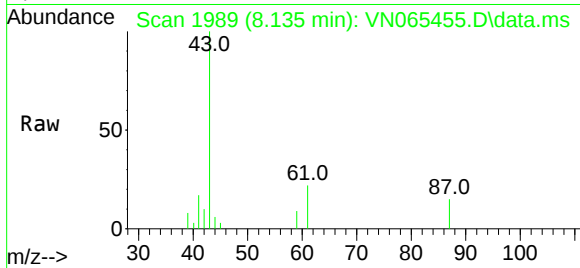




#43
Isopropyl Acetate
Concen: 3.62 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

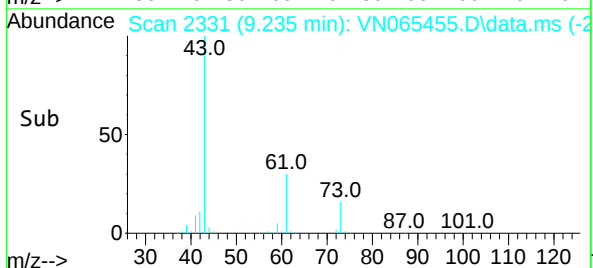
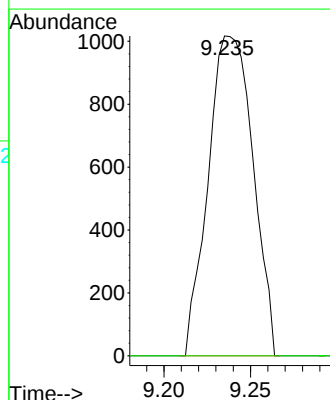
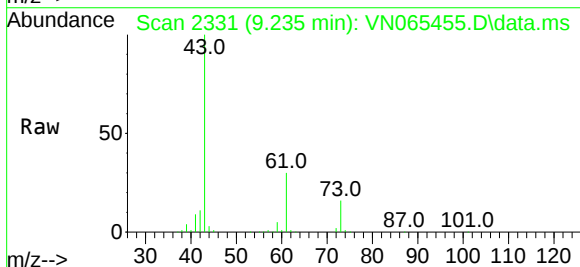
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

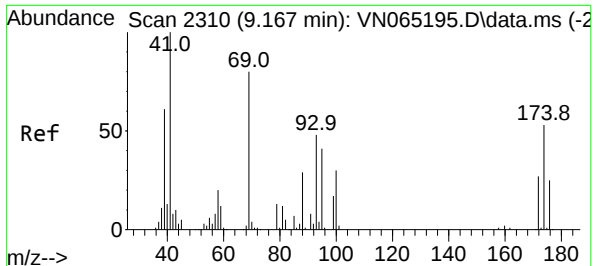
Tgt Ion:	43	Resp:	25671
Ion	Ratio	Lower	Upper
43	100		
61	20.0	17.2	25.8
87	13.5	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.57 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Tgt Ion:	63	Resp:	1833
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

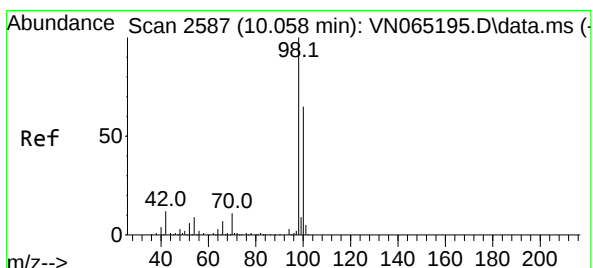
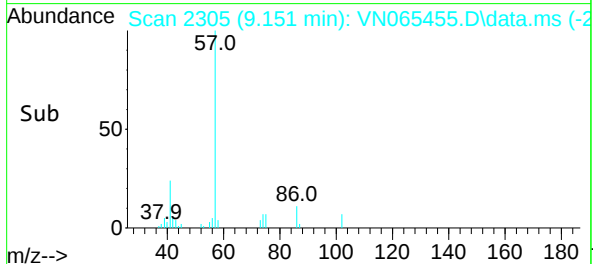
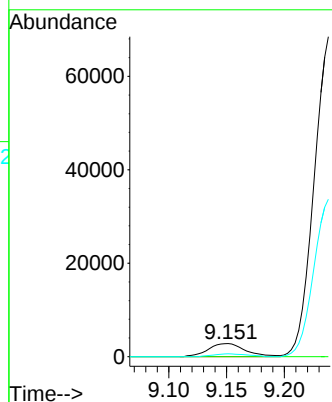
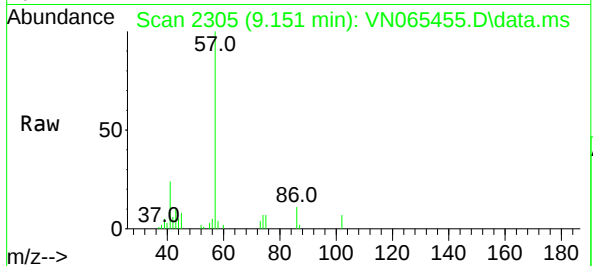




#48
Methyl methacrylate
Concen: 1.83 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

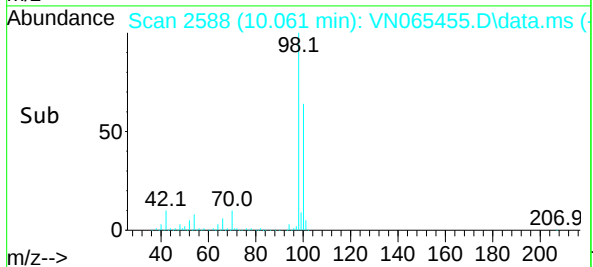
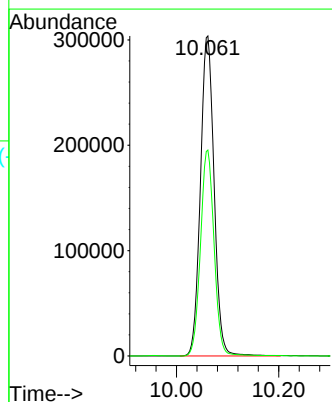
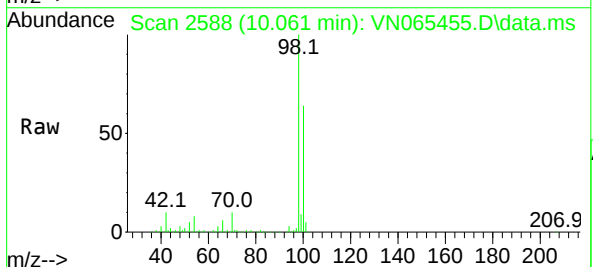
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

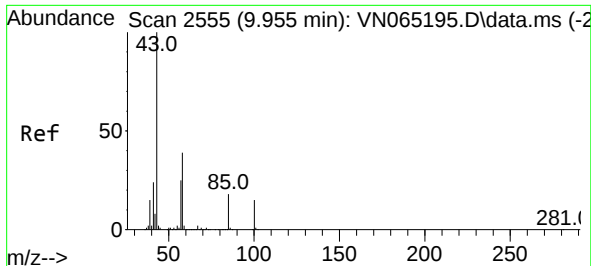
Tgt Ion: 41 Resp: 6295
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 54.71 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Tgt Ion: 98 Resp: 565187
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5

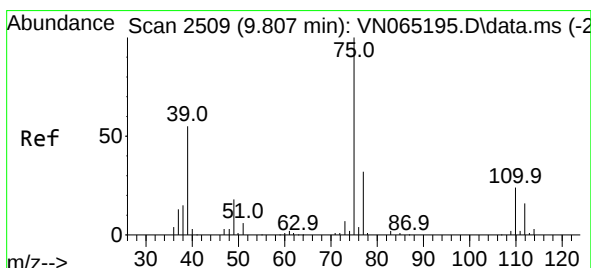
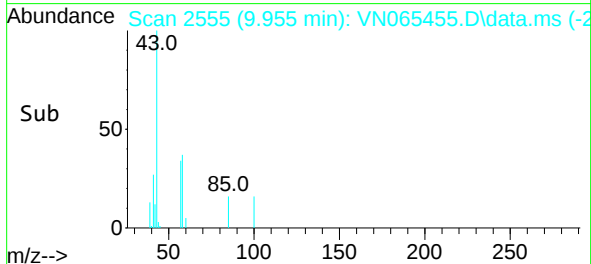
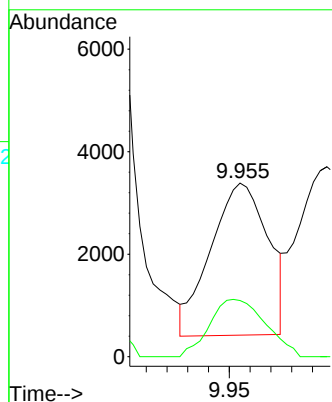
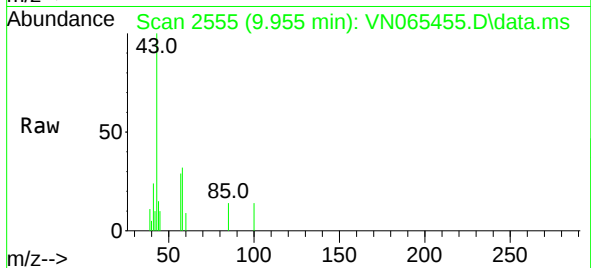




#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

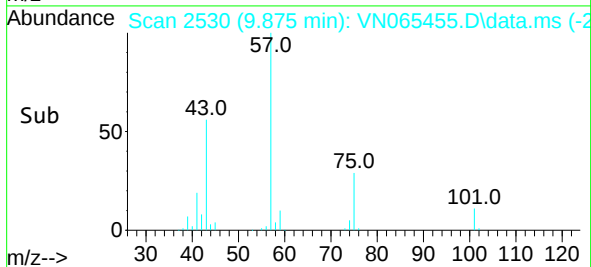
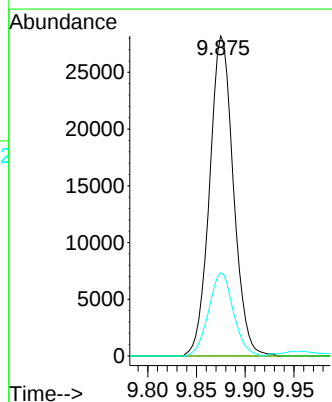
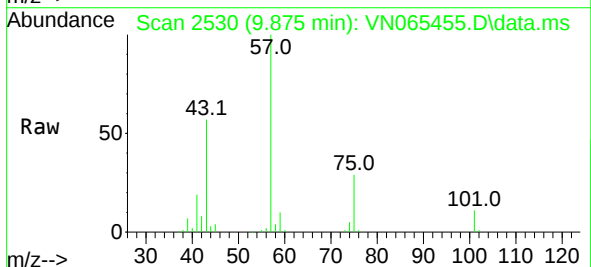
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

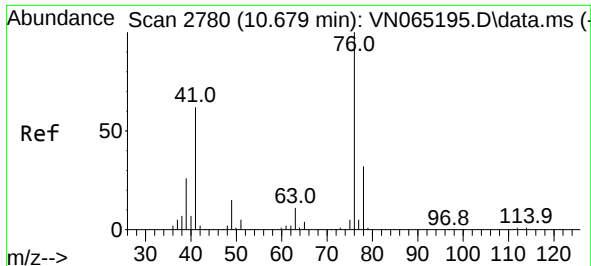
Tgt Ion: 43 Resp: 5690
Ion Ratio Lower Upper
43 100
58 36.7 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 8.71 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Tgt Ion: 75 Resp: 47981
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 26.0 35.6 53.4#

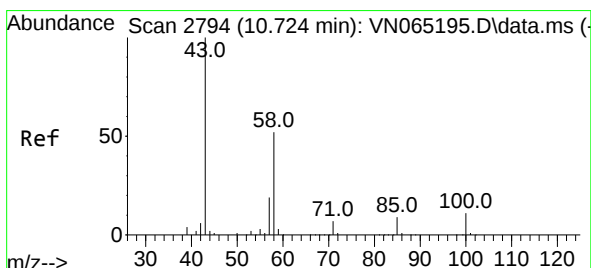
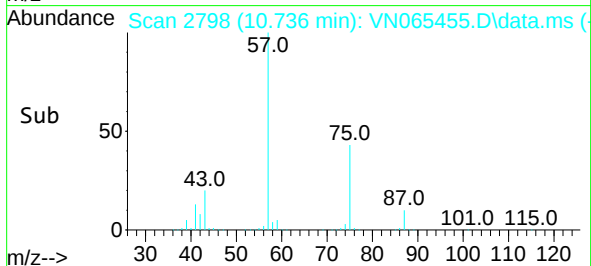
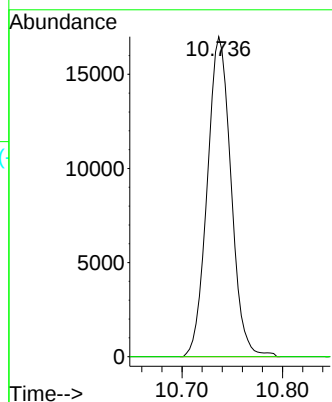
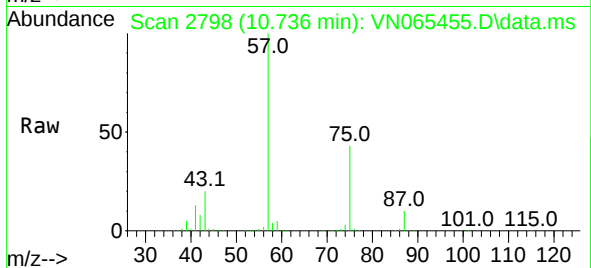




#57
1,3-Dichloropropane
Concen: 5.49 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

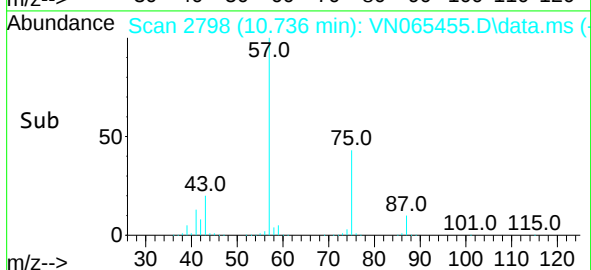
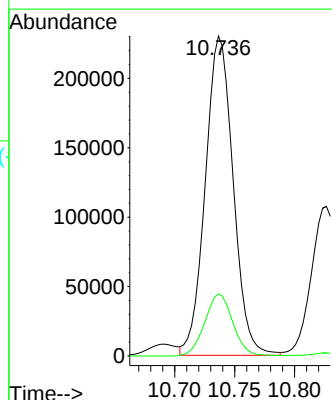
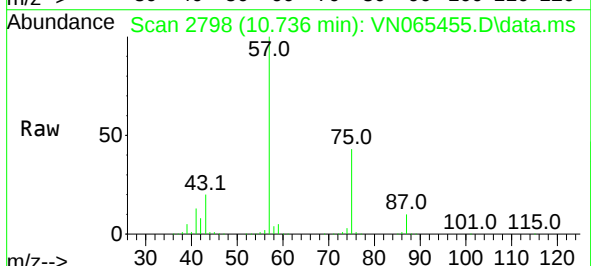
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

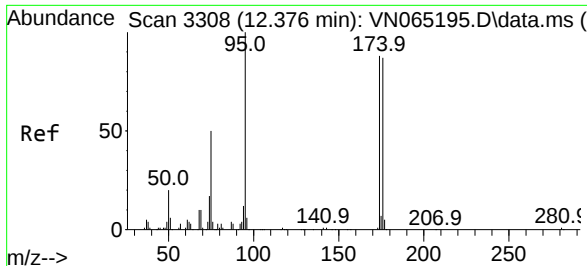
Tgt Ion: 76 Resp: 27919
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 126.82 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Tgt Ion: 43 Resp: 372024
Ion Ratio Lower Upper
43 100
58 19.6 28.3 84.9#

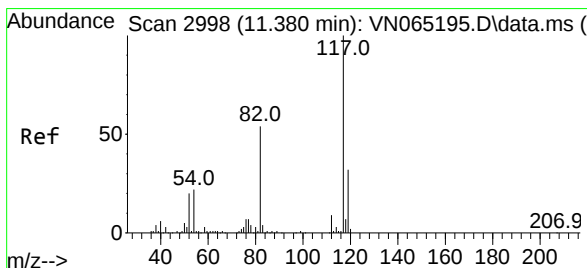
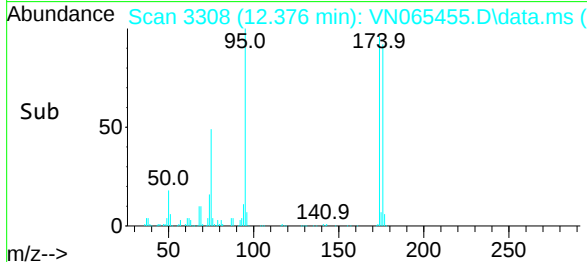
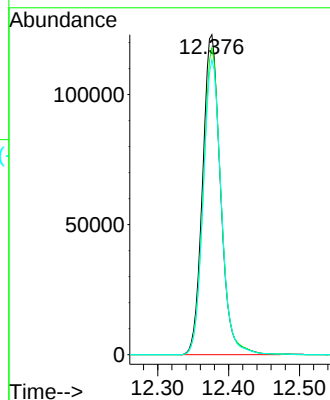
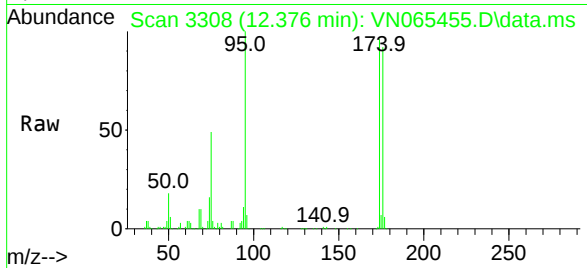




#62
4-Bromofluorobenzene
Concen: 52.72 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

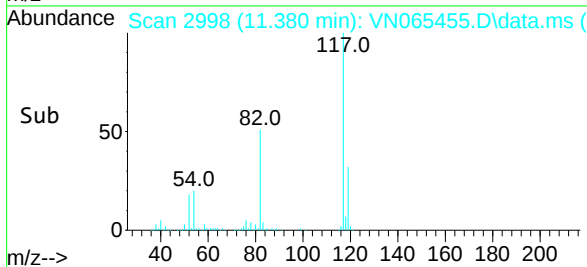
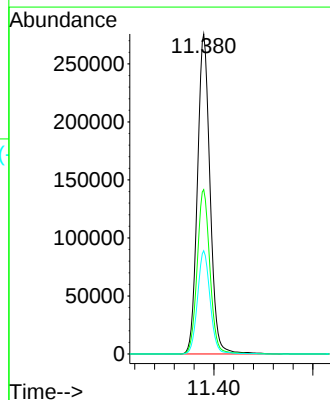
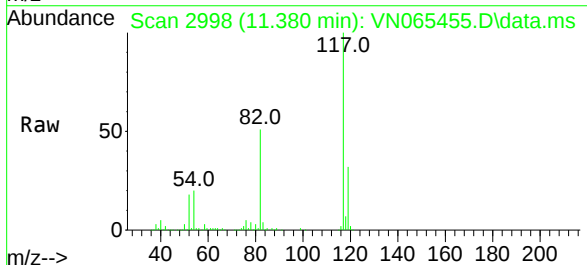
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

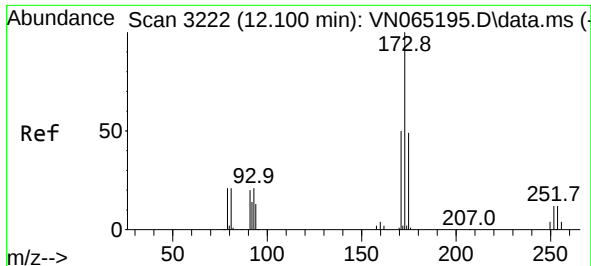
Tgt Ion: 95 Resp: 216672
Ion Ratio Lower Upper
95 100
174 94.8 0.0 160.4
176 92.3 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Tgt Ion: 117 Resp: 489433
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 32.2 25.8 38.6

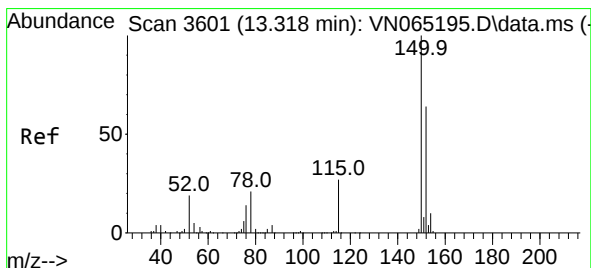
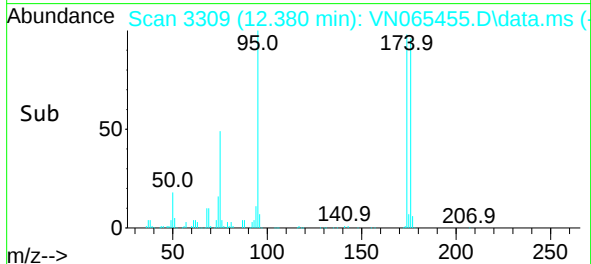
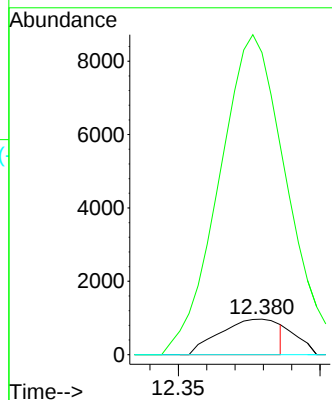
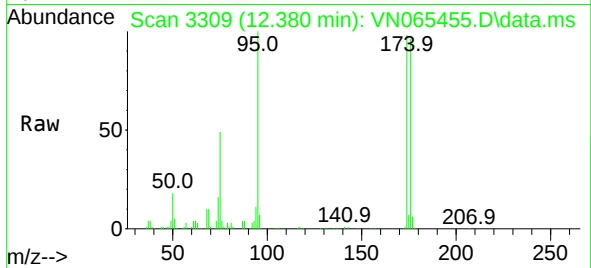




#71
Bromoform
Concen: 0.42 ug/l
RT: 12.380 min Scan# 3309
Delta R.T. 0.280 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

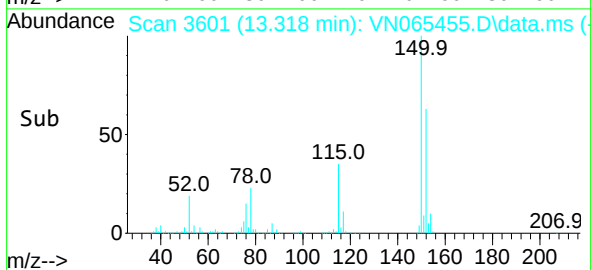
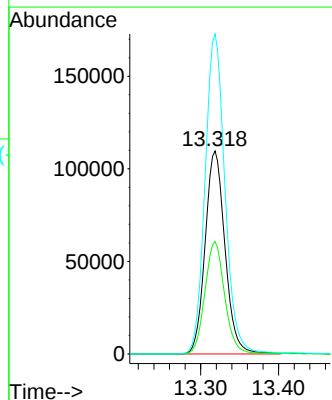
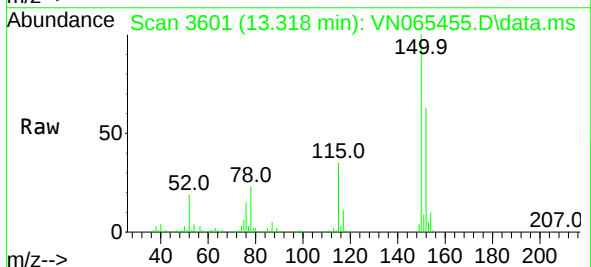
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

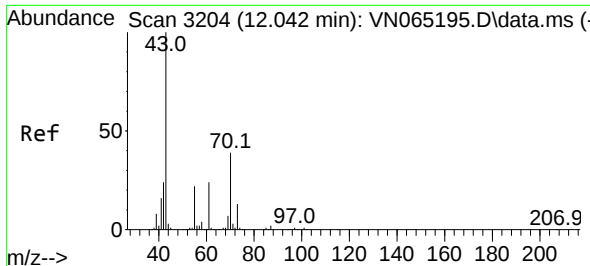
Tgt Ion:173 Resp: 1408
Ion Ratio Lower Upper
173 100
175 854.8 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

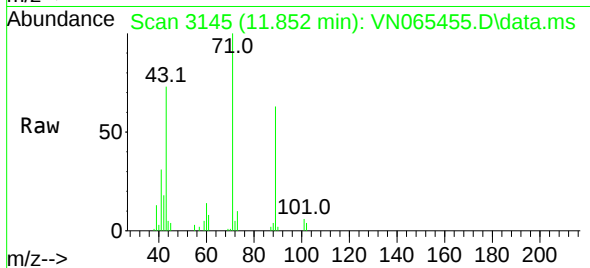
Tgt Ion:152 Resp: 194555
Ion Ratio Lower Upper
152 100
115 55.1 29.7 89.1
150 157.8 0.0 350.6



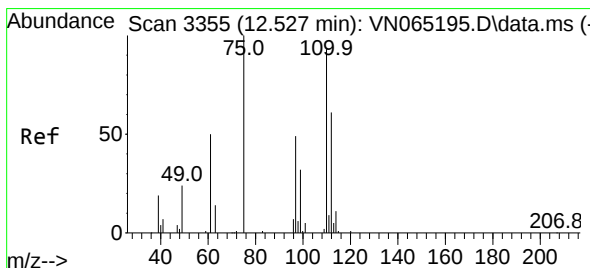
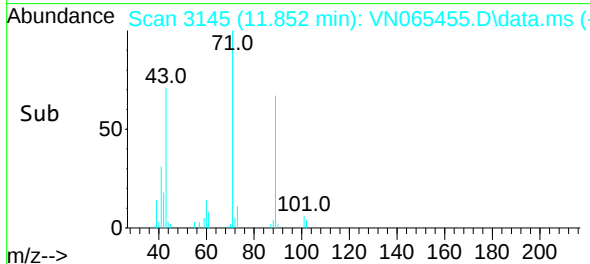
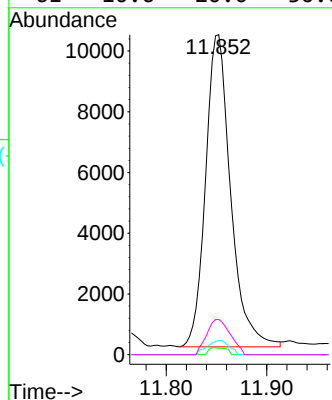


#74
N-amy1 acetate
Concen: 3.02 ug/l
RT: 11.852 min Scan# 3145
Delta R.T. -0.190 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07

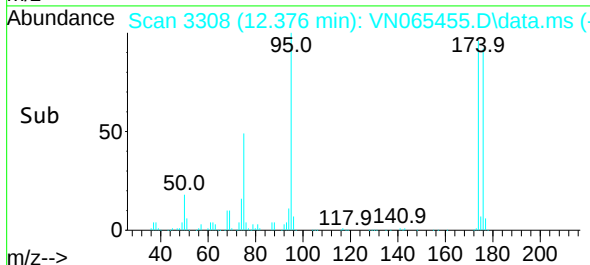
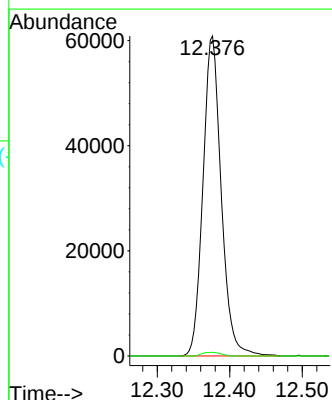
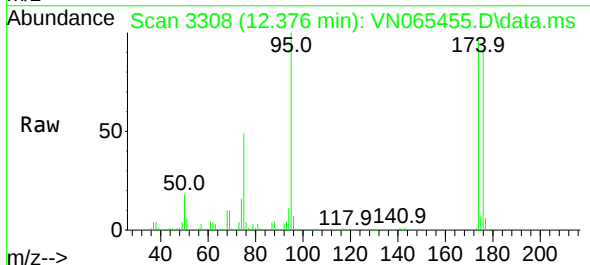


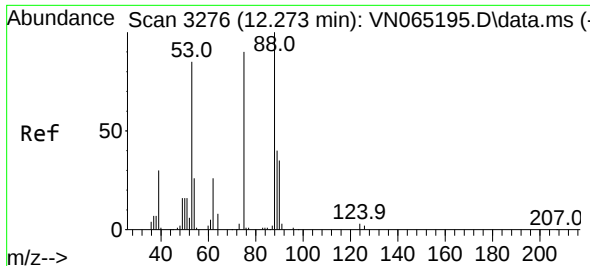
Tgt Ion: 43 Resp: 17821
Ion Ratio Lower Upper
43 100
70 1.6 34.5 51.7#
55 4.0 20.4 30.6#
61 10.6 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 26.87 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

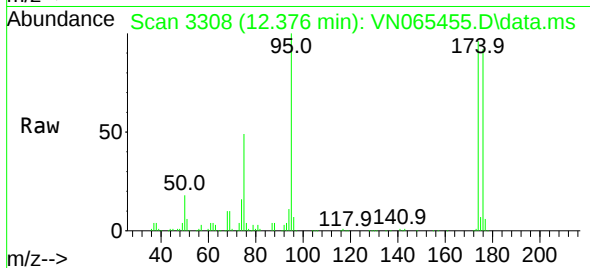
Tgt Ion: 75 Resp: 106645
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



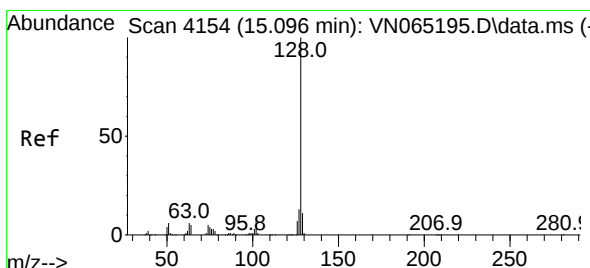
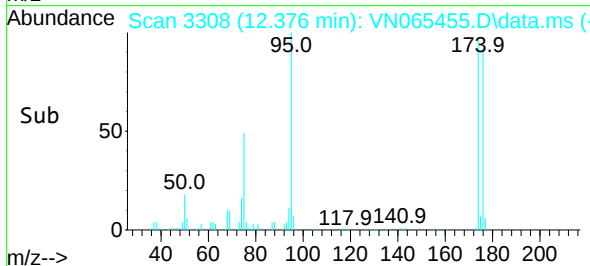
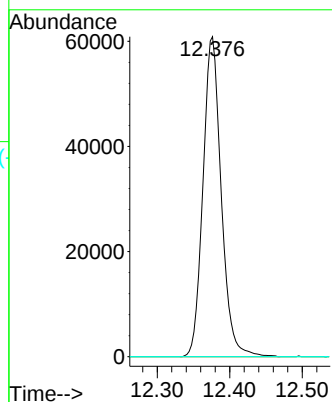


#81
trans-1,4-Dichloro-2-butene
Concen: 67.75 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#07



Tgt Ion: 75 Resp: 106645
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.45 ug/l
RT: 15.119 min Scan# 4161
Delta R.T. 0.023 min
Lab File: VN065455.D
Acq: 8 Jan 2021 19:56

Tgt Ion: 128 Resp: 820
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

