

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065454.D
 Acq On : 8 Jan 2021 19:32
 Operator : JC/MD
 Sample : PB133969ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133969ZHE#06

Quant Time: Jan 08 22:51:18 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)

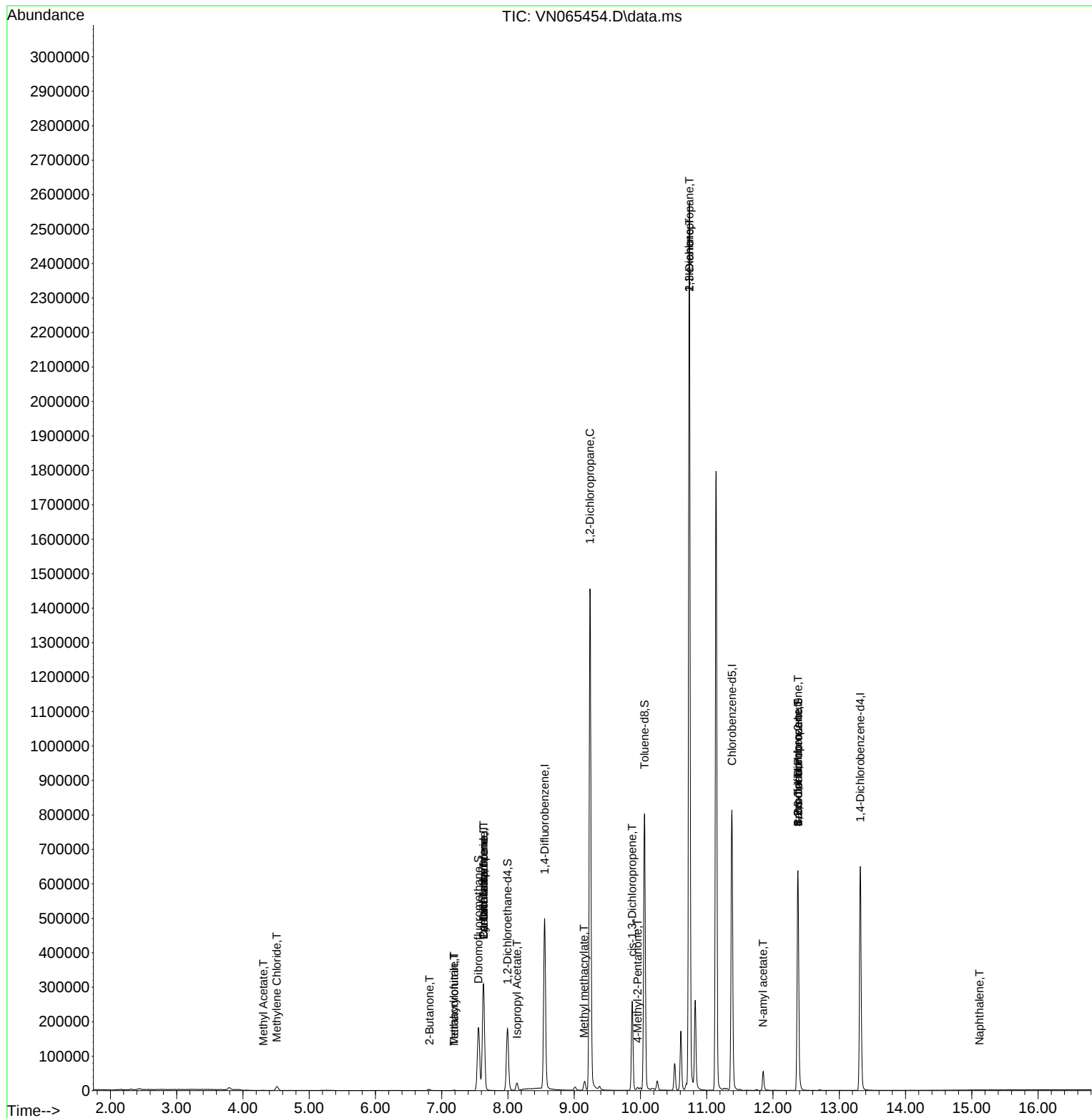
Internal Standards						
1) Pentafluorobenzene	7.630	168	279398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	470875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	504916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	201377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	161247	51.12	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.24%			
35) Dibromofluoromethane	7.553	113	143205	50.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.82%			
50) Toluene-d8	10.061	98	585723	55.01	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.02%			
62) 4-Bromofluorobenzene	12.376	95	225851	53.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.52%			
Target Compounds						
16) Acetone	3.791	43	9939	Below Cal	#	80
18) Methyl Acetate	4.309	43	2324	0.82 ug/l	#	50
20) Methylene Chloride	4.508	84	4710	1.53 ug/l		97
25) 2-Butanone	6.814	43	2284	1.29 ug/l	#	87
29) Tetrahydrofuran	7.187	42	1094	0.96 ug/l	#	62
31) Cyclohexane	7.630	56	4722	1.01 ug/l	#	1
36) 1,1-Dichloropropene	7.630	75	18137	4.24 ug/l	#	49
38) Carbon Tetrachloride	7.630	117	23641	5.26 ug/l	#	15
41) Methacrylonitrile	7.187	41	614	0.28 ug/l	#	15
43) Isopropyl Acetate	8.135	43	26617	3.64 ug/l		96
45) 1,2-Dichloropropane	9.238	63	1718	0.52 ug/l	#	43
48) Methyl methacrylate	9.148	41	6279	1.77 ug/l	#	12
51) 4-Methyl-2-Pentanone	9.955	43	5928	1.44 ug/l		90
54) cis-1,3-Dichloropropene	9.875	75	49076	8.64 ug/l	#	60
57) 1,3-Dichloropropane	10.736	76	27553	5.26 ug/l	#	42
59) 2-Hexanone	10.736	43	370004	122.39 ug/l	#	49
71) Bromoform	12.376	173	1444	0.42 ug/l	#	1
74) N-amyl acetate	11.849	43	17319	2.84 ug/l	#	51
76) 1,2,3-Trichloropropane	12.376	75	110465	26.89 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.376	75	110465	67.80 ug/l	#	15
95) Naphthalene	15.116	128	743	3.44 ug/l	#	69

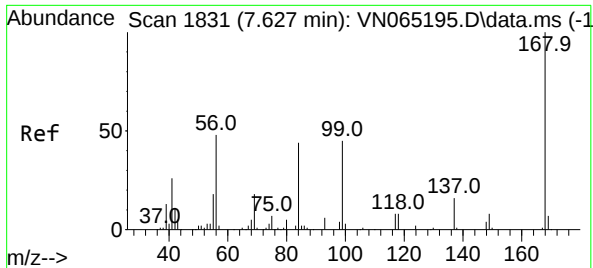
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
Data File : VN065454.D
Acq On : 8 Jan 2021 19:32
Operator : JC/MD
Sample : PB133969ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

Quant Time: Jan 08 22:51:18 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

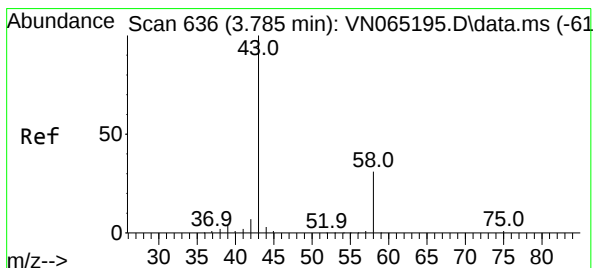
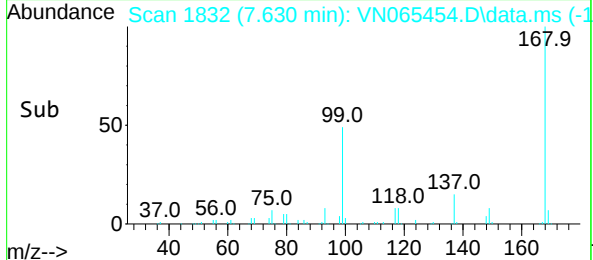
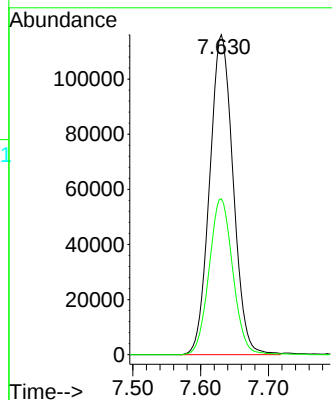
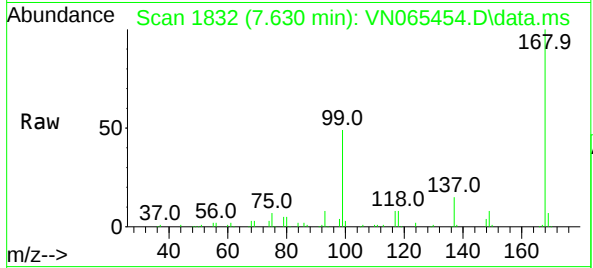




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

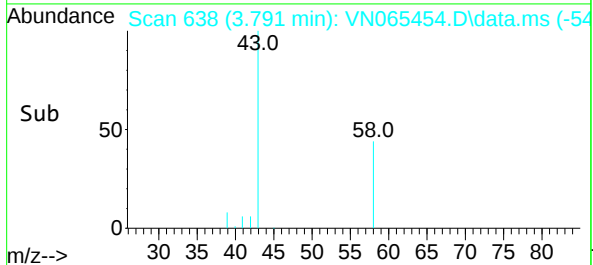
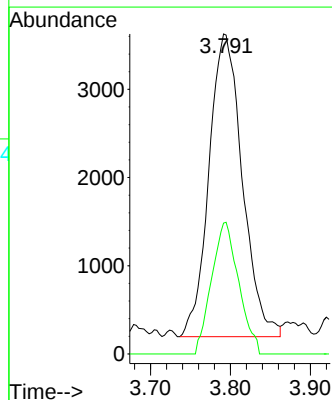
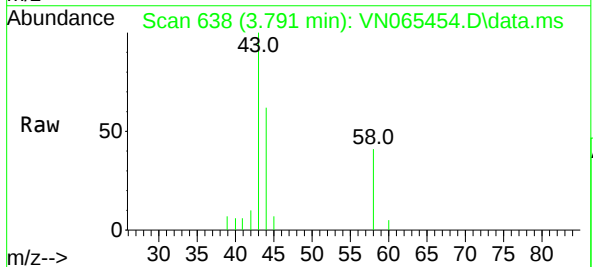
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

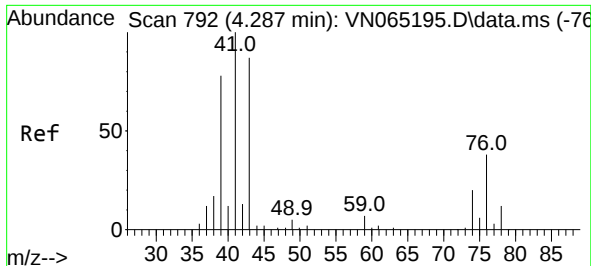
Tgt Ion:168 Resp: 279398
Ion Ratio Lower Upper
168 100
99 48.7 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

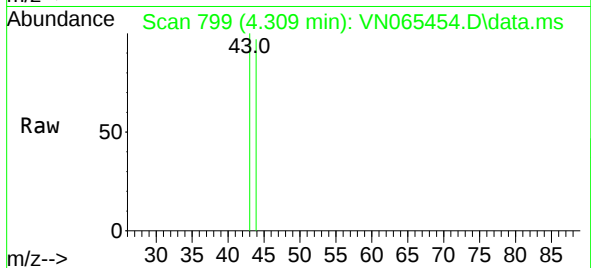
Tgt Ion: 43 Resp: 9939
Ion Ratio Lower Upper
43 100
58 43.2 25.7 38.5#



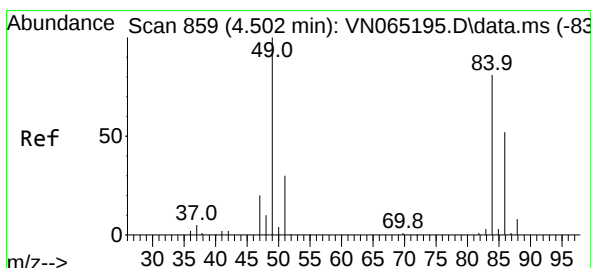
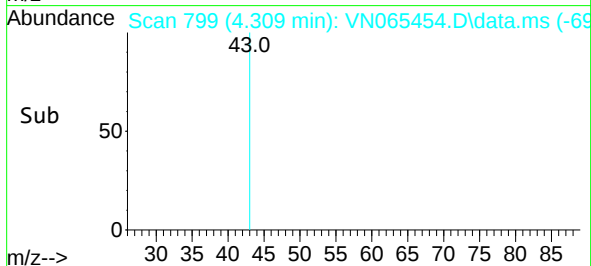
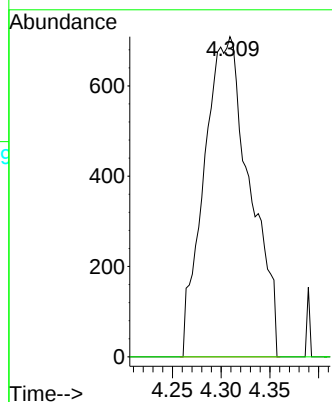


#18
Methyl Acetate
Concen: 0.82 ug/l
RT: 4.309 min Scan# 799
Delta R.T. 0.022 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

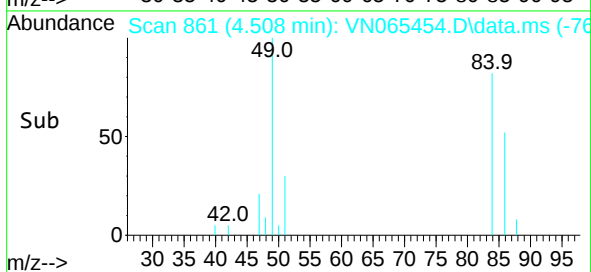
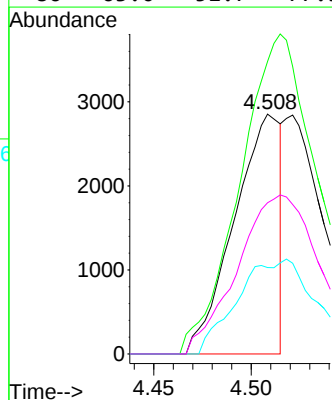
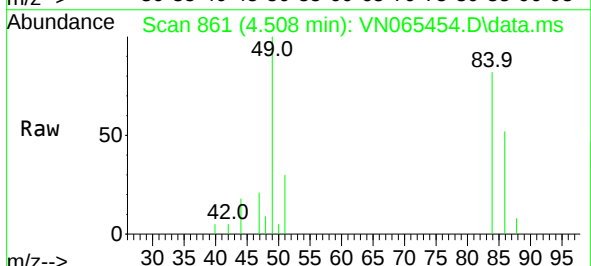


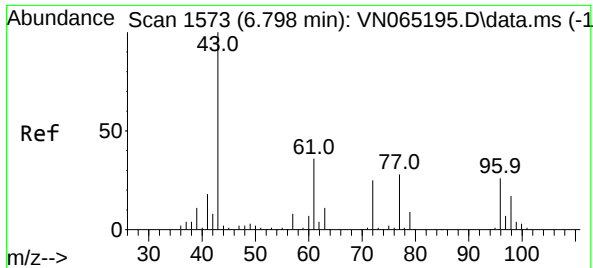
Tgt Ion: 43 Resp: 2324
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 1.53 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Tgt Ion: 84 Resp: 4710
Ion Ratio Lower Upper
84 100
49 122.0 93.4 140.0
51 36.0 28.2 42.4
86 63.0 51.7 77.5

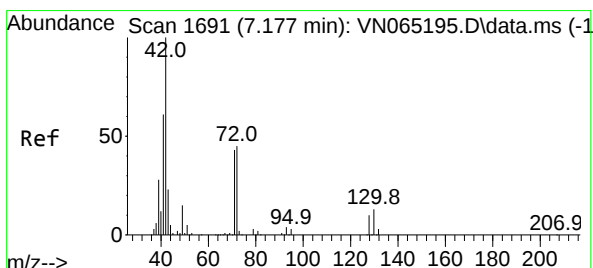
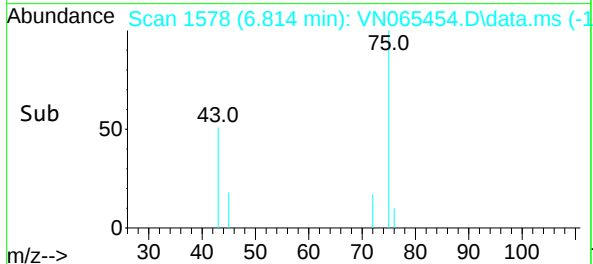
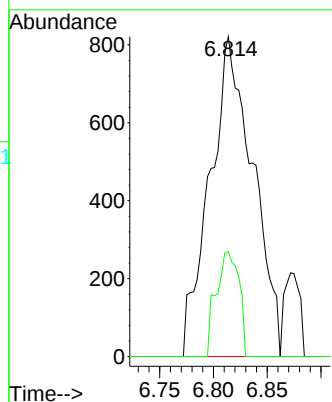
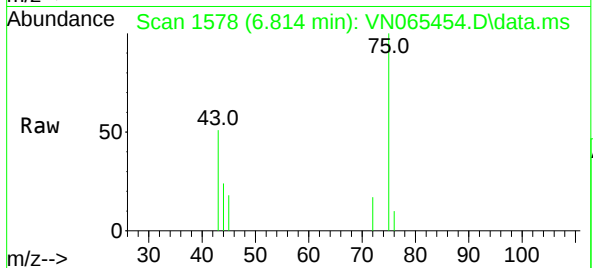




#25
2-Butanone
Concen: 1.29 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.016 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

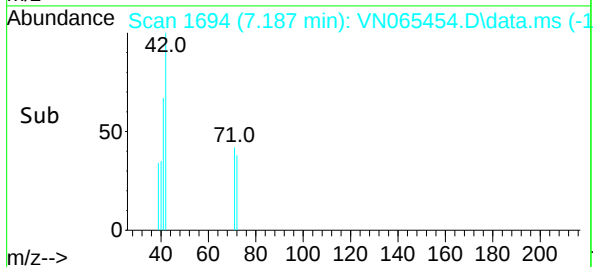
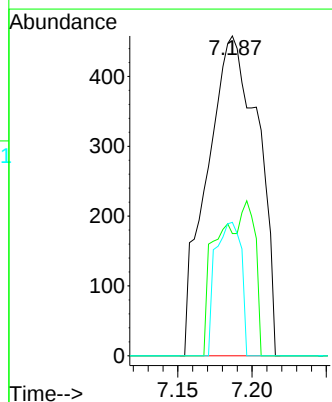
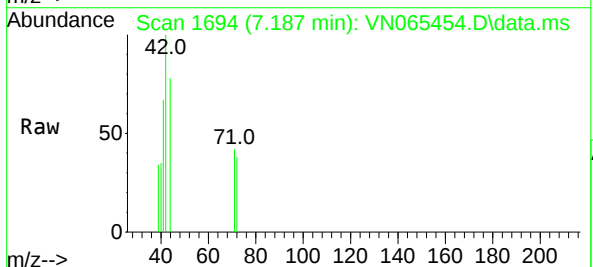
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

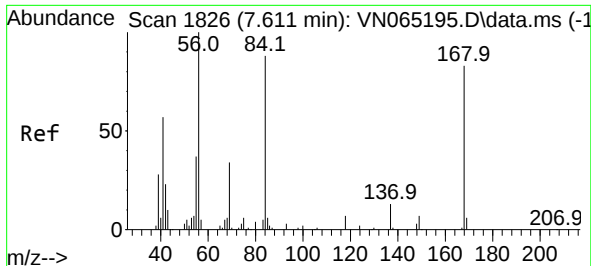
Tgt Ion: 43 Resp: 2284
Ion Ratio Lower Upper
43 100
72 32.8 21.0 31.6#



#29
Tetrahydrofuran
Concen: 0.96 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.010 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

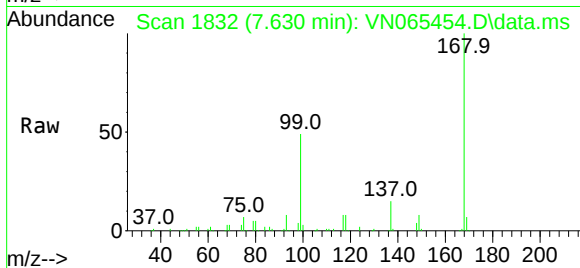
Tgt Ion: 42 Resp: 1094
Ion Ratio Lower Upper
42 100
72 18.3 36.6 54.8#
71 20.9 33.6 50.4#



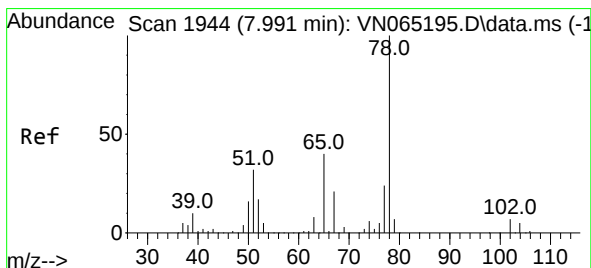
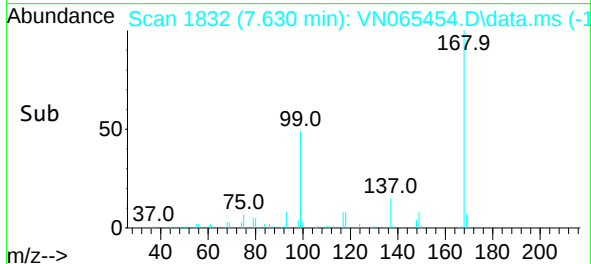
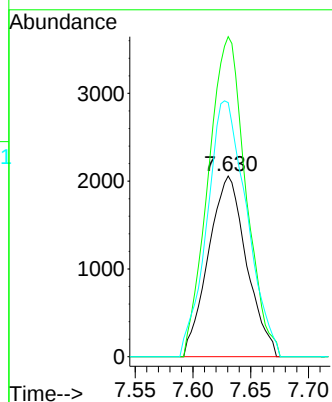


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

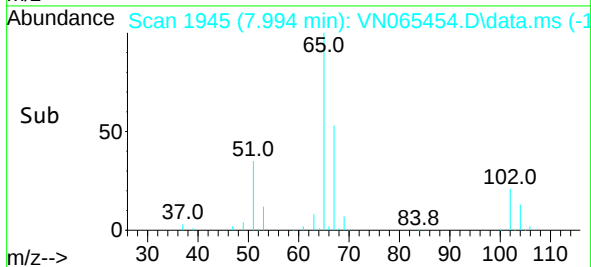
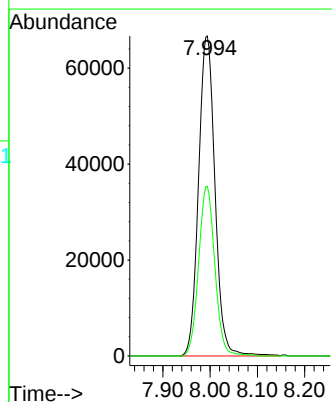
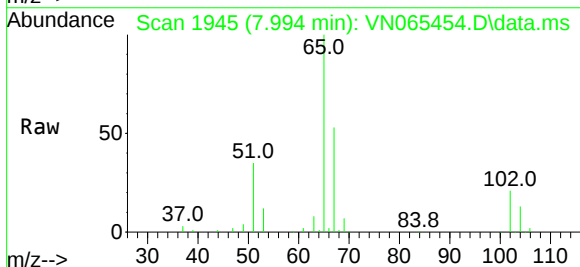


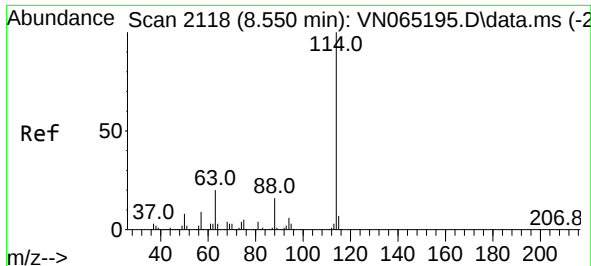
Tgt Ion: 56 Resp: 4722
Ion Ratio Lower Upper
56 100
69 177.2 27.5 41.3#
84 140.7 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 51.12 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Tgt Ion: 65 Resp: 161247
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.2

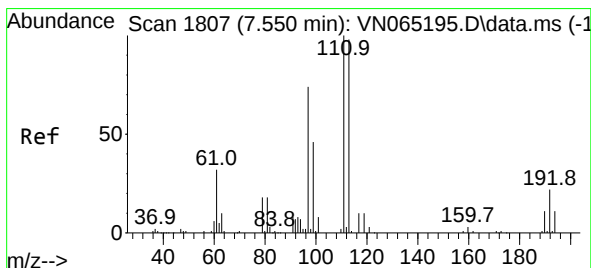
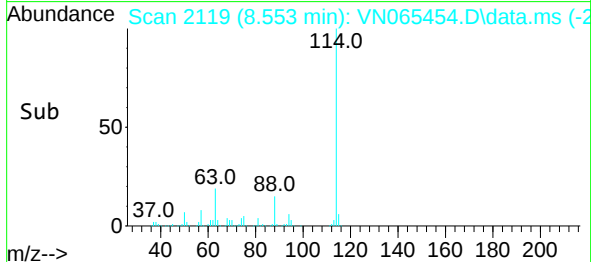
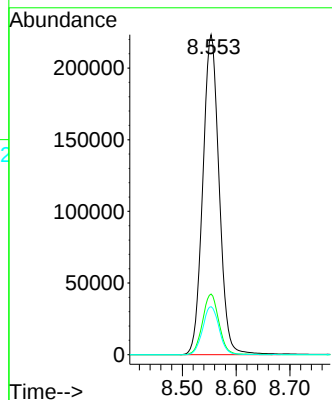
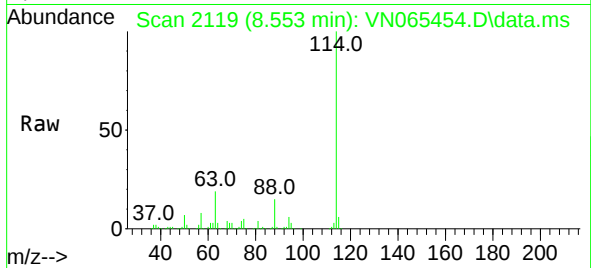




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

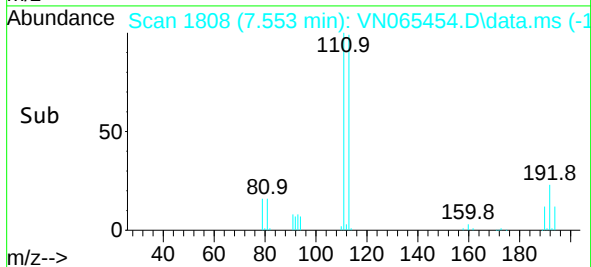
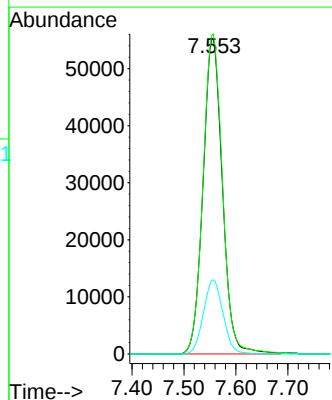
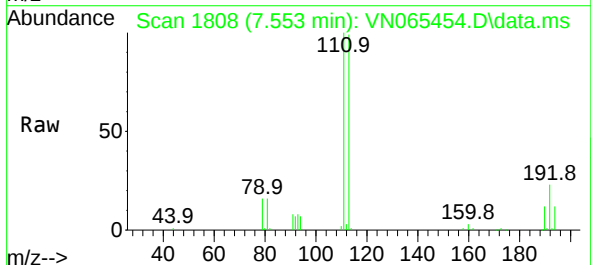
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

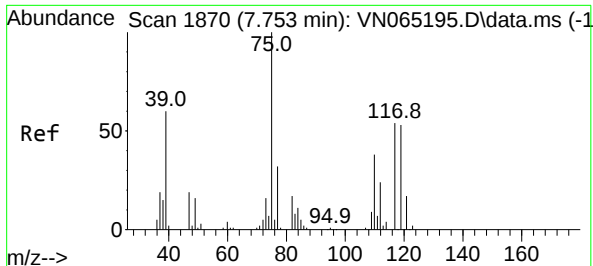
Tgt Ion:	114	Resp:	470875
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	38.6
88	15.0	0.0	32.6



#35
Dibromofluoromethane
Concen: 50.41 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Tgt Ion:	113	Resp:	143205
Ion Ratio	Lower	Upper	
113	100		
111	101.0	81.6	122.4
192	23.6	16.2	24.2





#36

1,1-Dichloropropene

Concen: 4.24 ug/l

RT: 7.630 min Scan# 1832

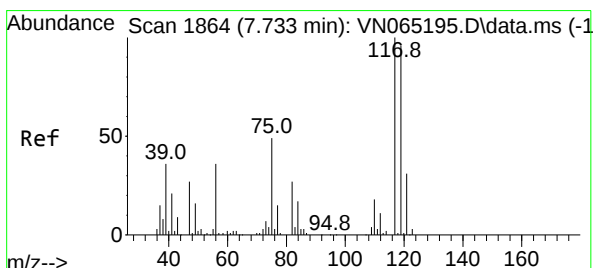
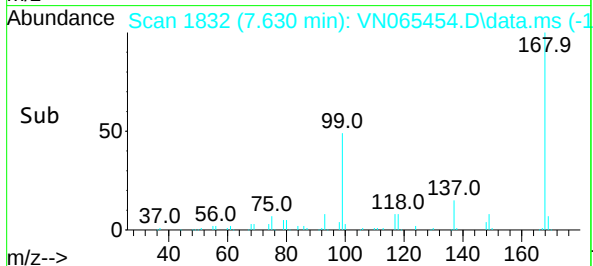
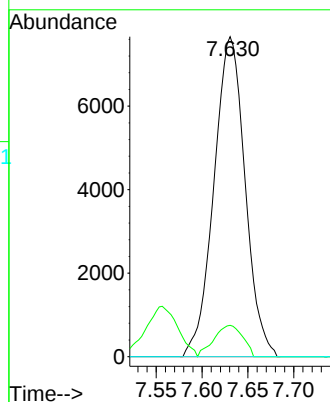
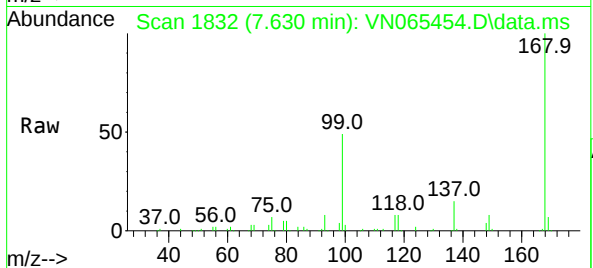
Delta R.T. -0.123 min

Lab File: VN065454.D

Acq: 8 Jan 2021 19:32

Tgt Ion:	75	Resp:	18137
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.8	53.3#
77	0.0	25.0	37.4#

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06



#38

Carbon Tetrachloride

Concen: 5.26 ug/l

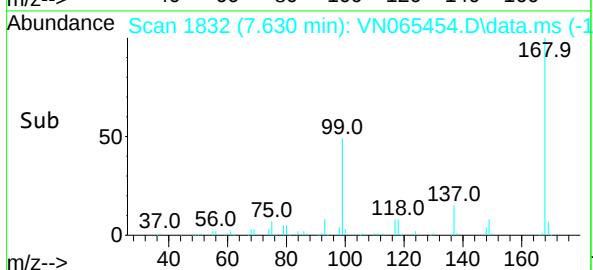
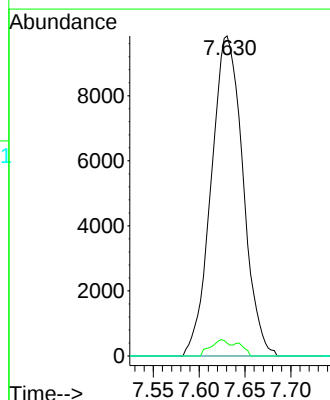
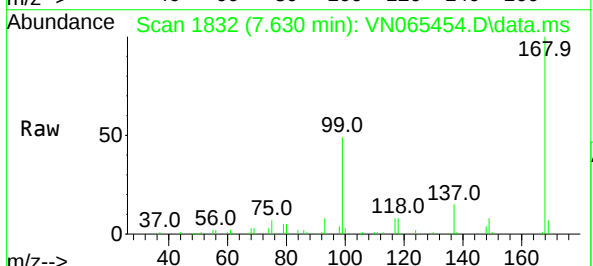
RT: 7.630 min Scan# 1832

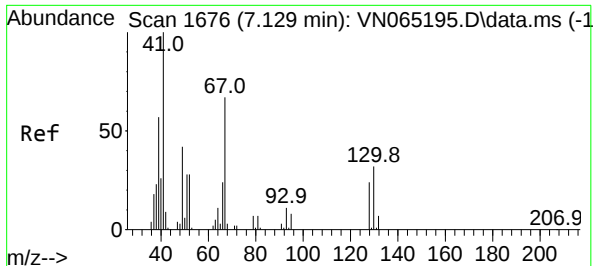
Delta R.T. -0.103 min

Lab File: VN065454.D

Acq: 8 Jan 2021 19:32

Tgt Ion:	117	Resp:	23641
Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.7	115.1#
121	0.0	25.4	38.2#

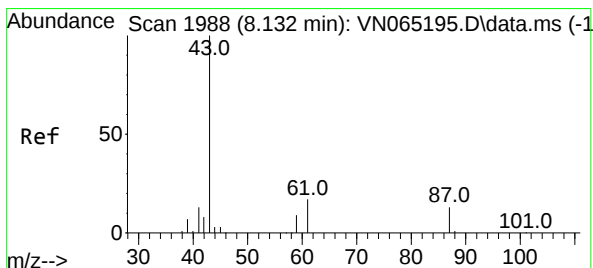
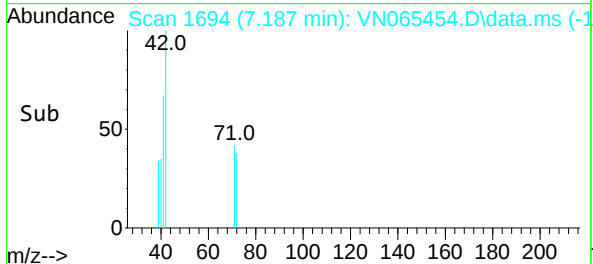
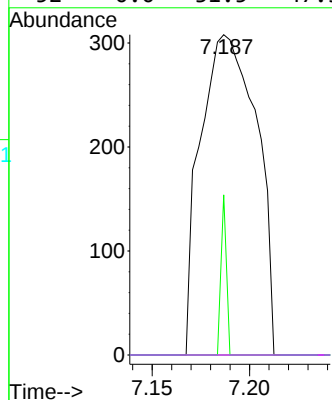
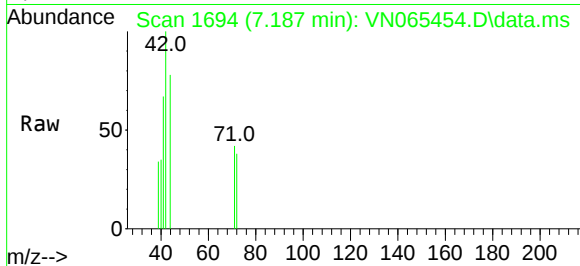




#41
Methacrylonitrile
Concen: 0.28 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.058 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

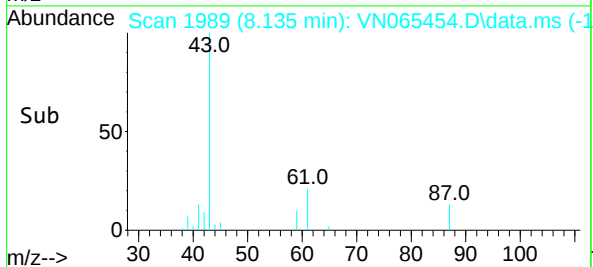
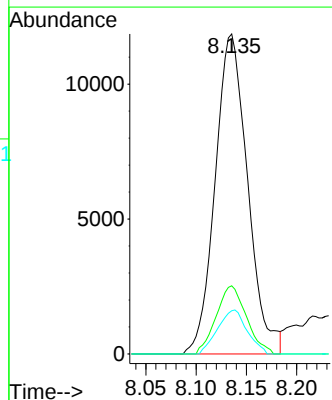
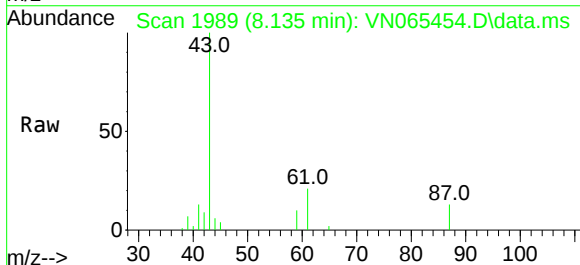
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

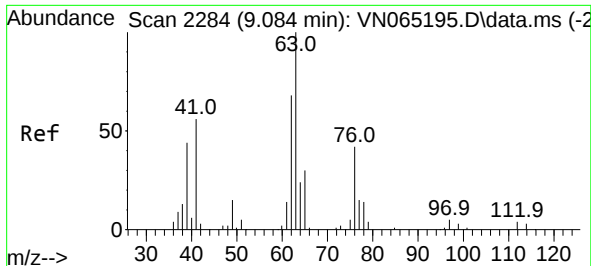
Tgt Ion: 41	Resp: 614
Ion Ratio	Lower Upper
41 100	
39 4.9	51.0 76.6#
67 0.0	79.8 119.8#
52 0.0	31.5 47.3#



#43
Isopropyl Acetate
Concen: 3.64 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Tgt Ion: 43	Resp: 26617
Ion Ratio	Lower Upper
43 100	
61 19.9	17.2 25.8
87 12.5	11.4 17.0



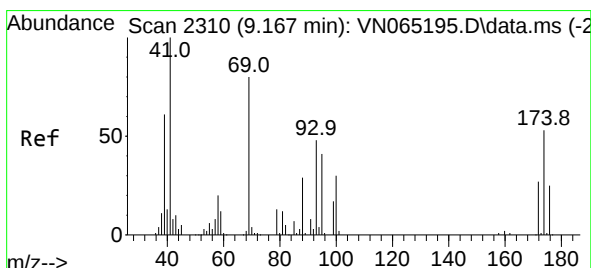
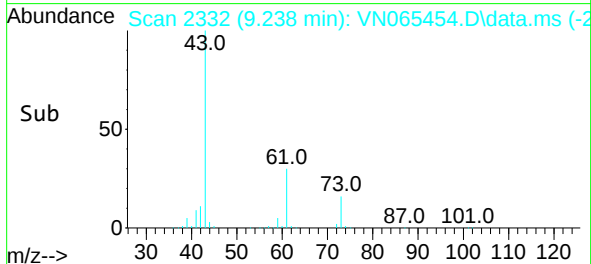
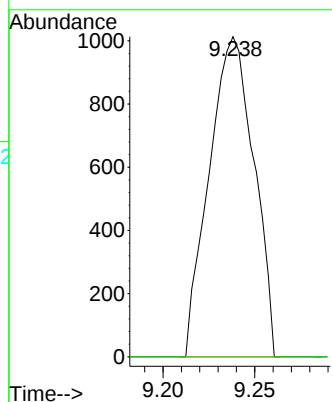
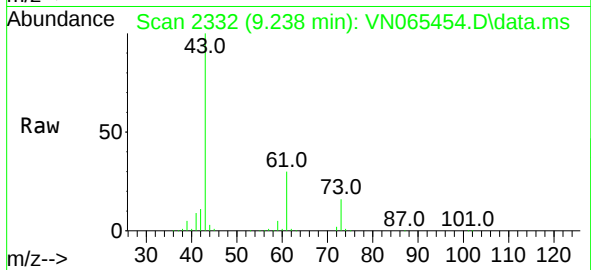


#45

1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

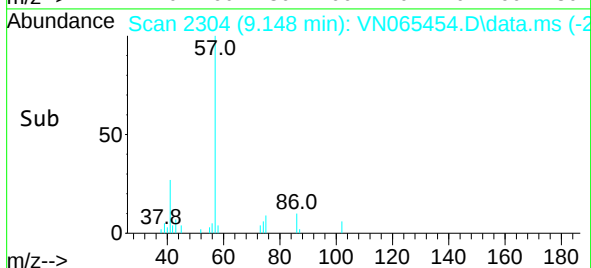
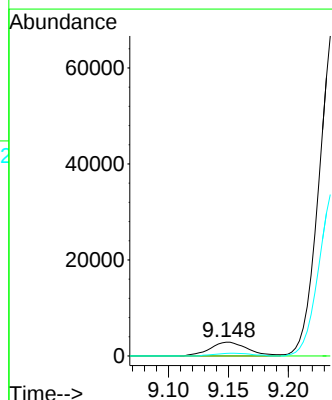
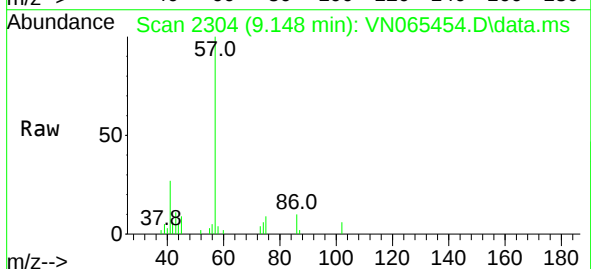
Tgt Ion: 63 Resp: 1718
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#

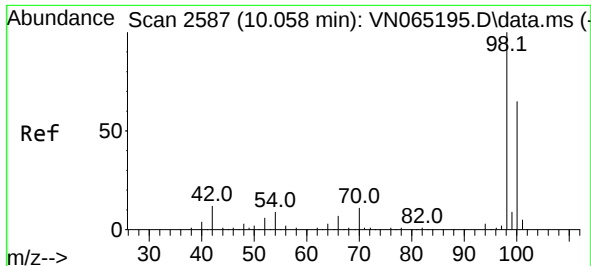


#48

Methyl methacrylate
Concen: 1.77 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Tgt Ion: 41 Resp: 6279
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

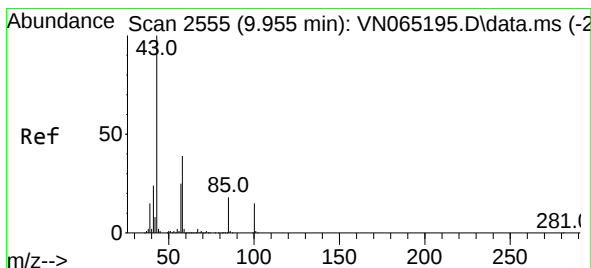
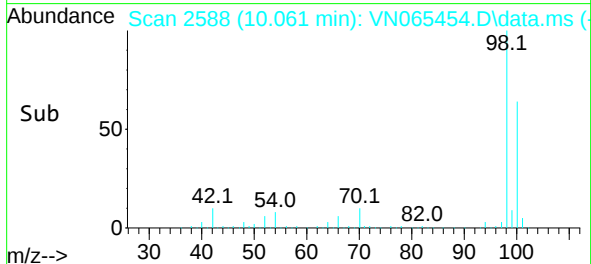
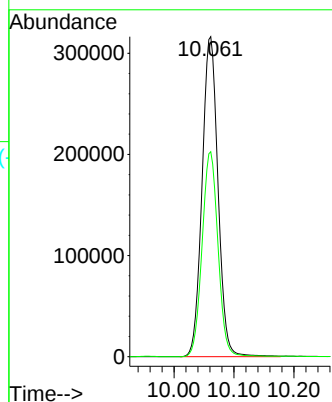
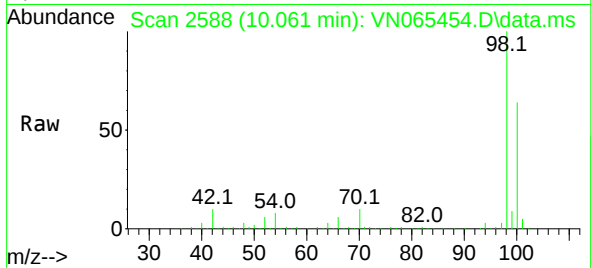




#50
Toluene-d8
Concen: 55.01 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

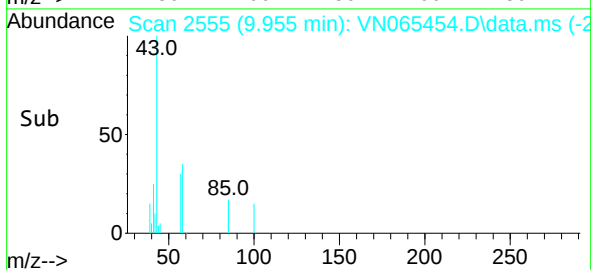
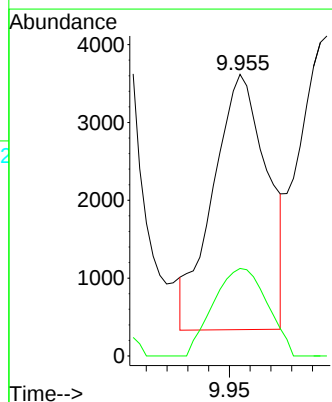
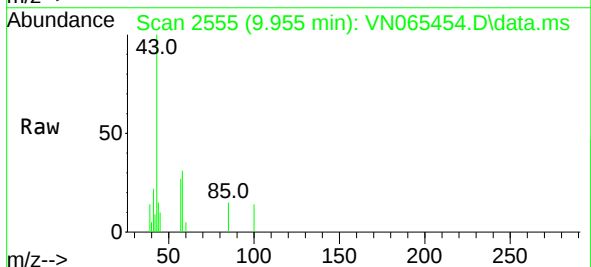
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

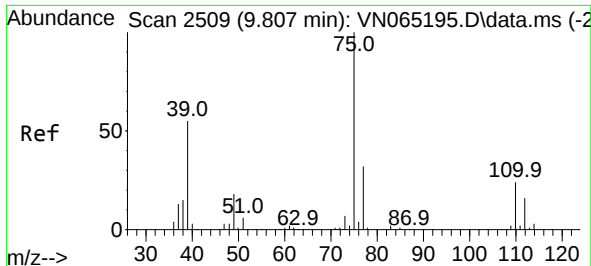
Tgt Ion: 98 Resp: 585723
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.44 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Tgt Ion: 43 Resp: 5928
Ion Ratio Lower Upper
43 100
58 34.2 32.4 48.6

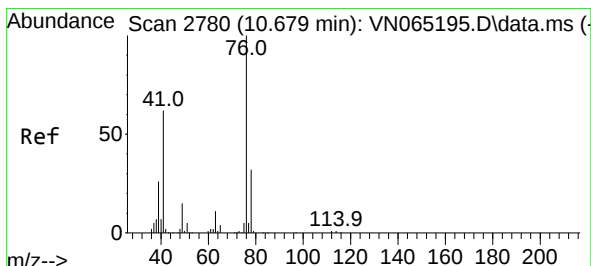
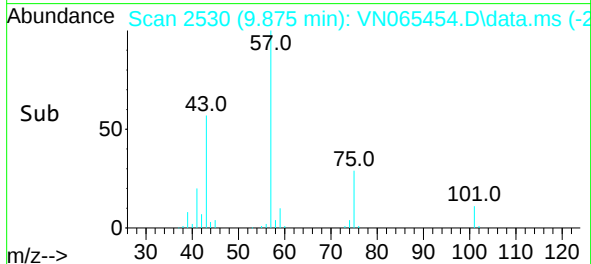
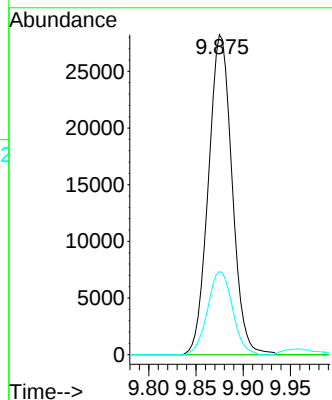
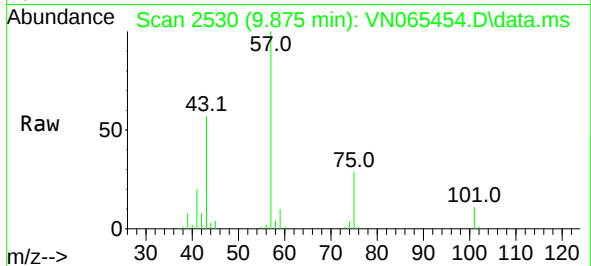




#54
cis-1,3-Dichloropropene
Concen: 8.64 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

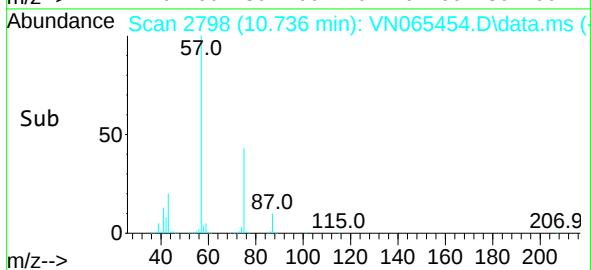
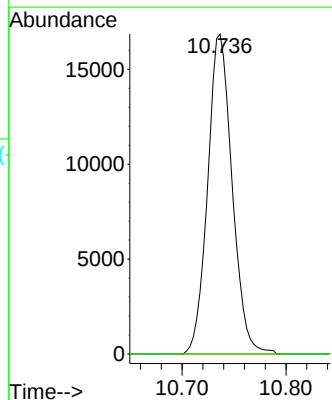
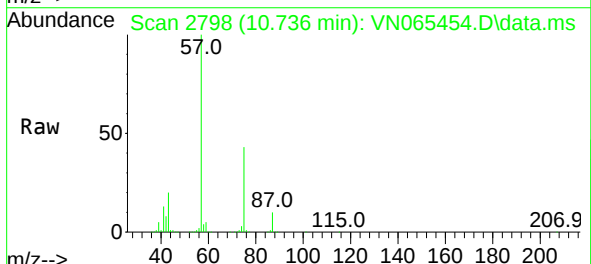
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

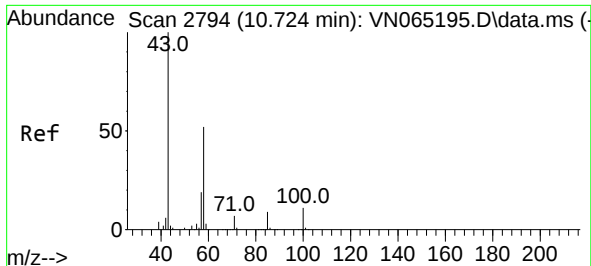
Tgt Ion: 75 Resp: 49076
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 26.0 35.6 53.4#



#57
1,3-Dichloropropane
Concen: 5.26 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Tgt Ion: 76 Resp: 27553
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

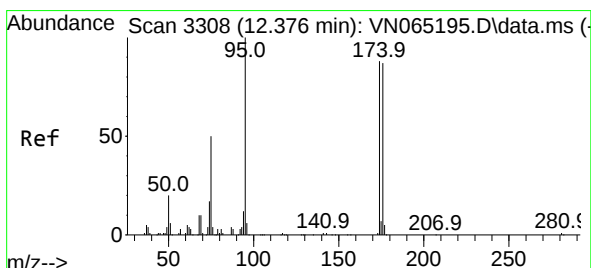
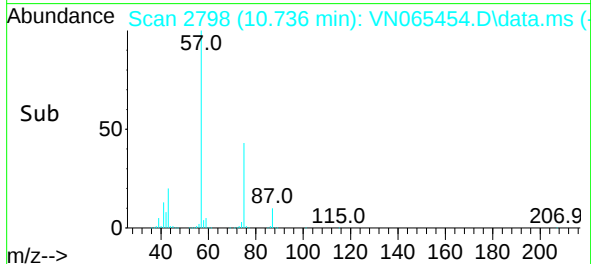
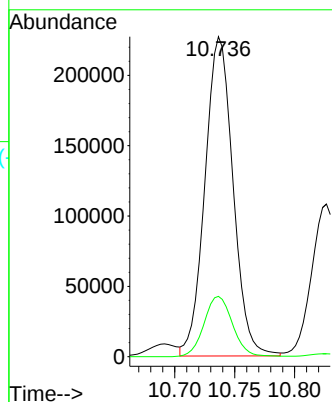
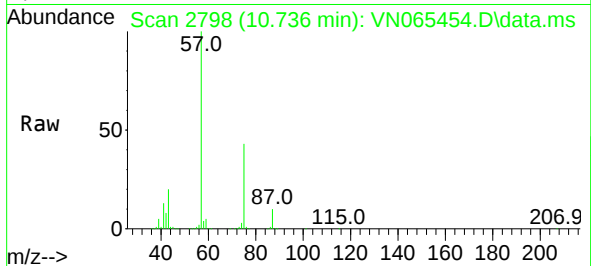




#59
2-Hexanone
Concen: 122.39 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

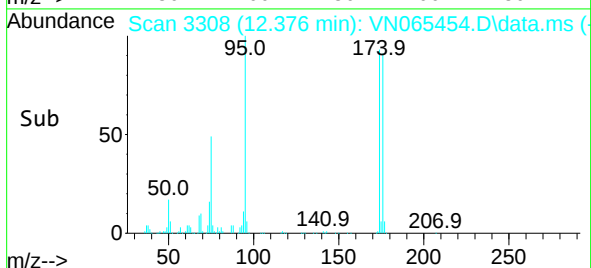
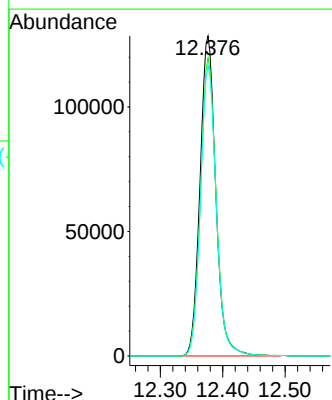
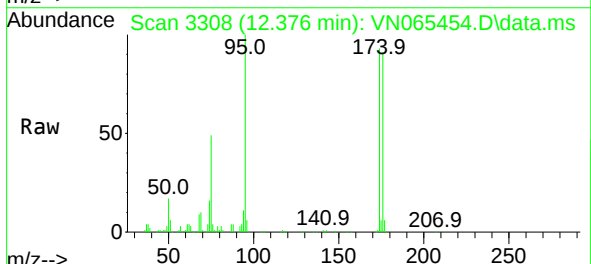
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

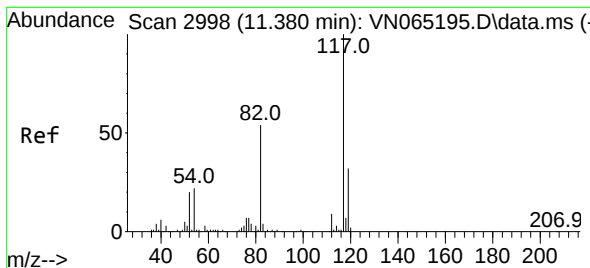
Tgt Ion: 43 Resp: 370004
Ion Ratio Lower Upper
43 100
58 19.2 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 53.26 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Tgt Ion: 95 Resp: 225851
Ion Ratio Lower Upper
95 100
174 93.3 0.0 160.4
176 90.7 0.0 158.4

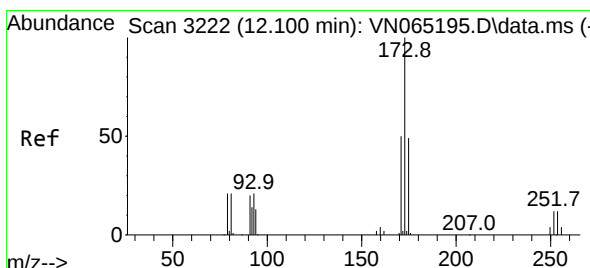
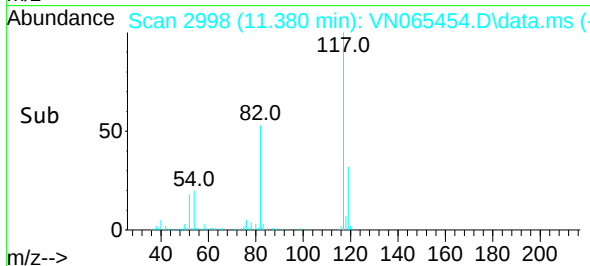
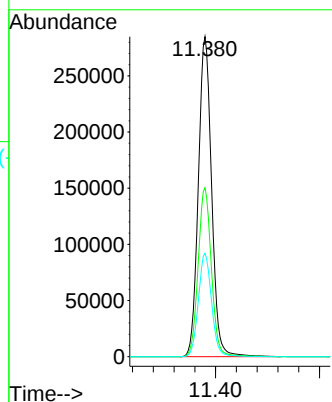
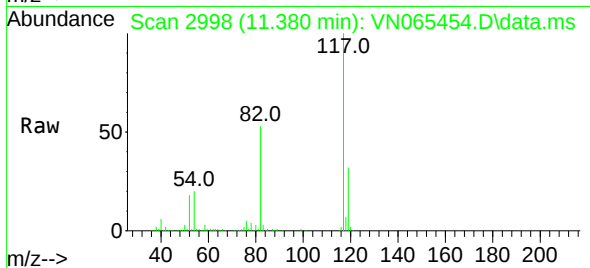




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

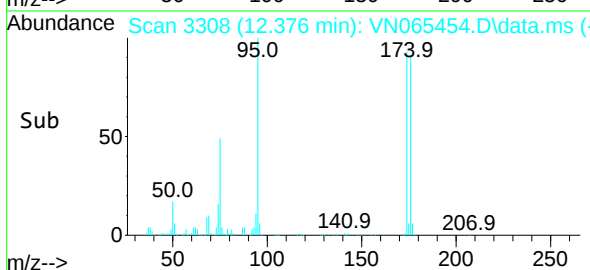
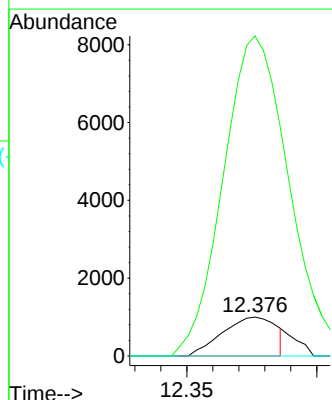
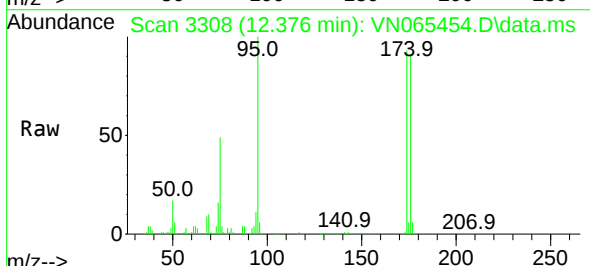
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

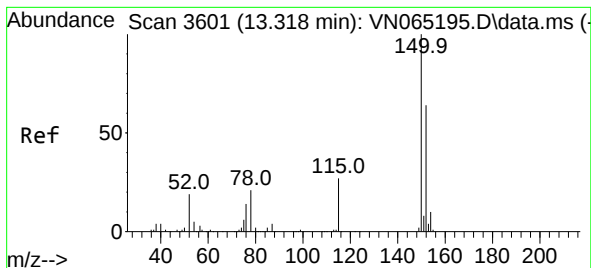
Tgt Ion:117 Resp: 504916
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.2
119 32.3 25.8 38.6



#71
Bromoform
Concen: 0.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Tgt Ion:173 Resp: 1444
Ion Ratio Lower Upper
173 100
175 812.3 24.3 72.8#
254 0.0 0.0 0.0

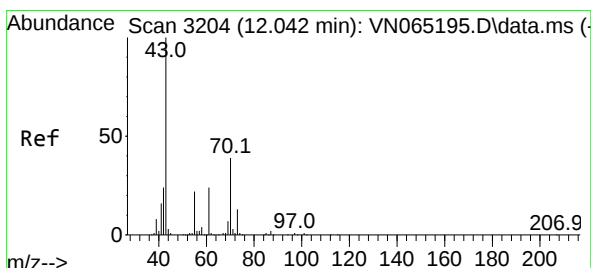
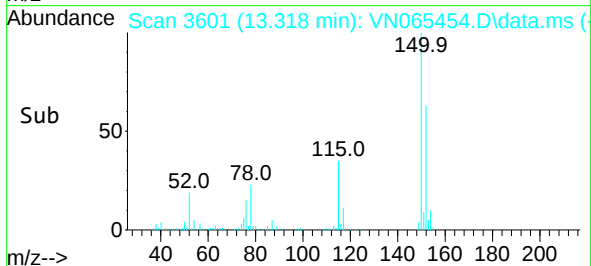
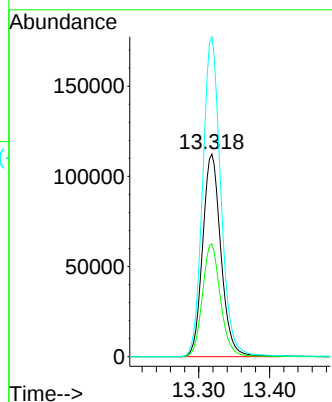
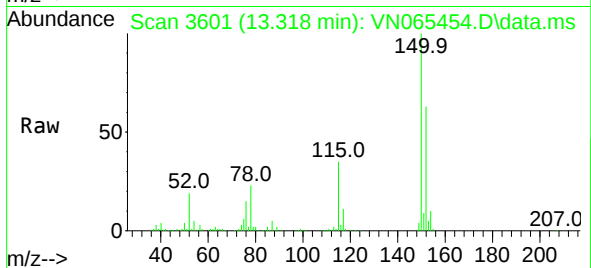




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

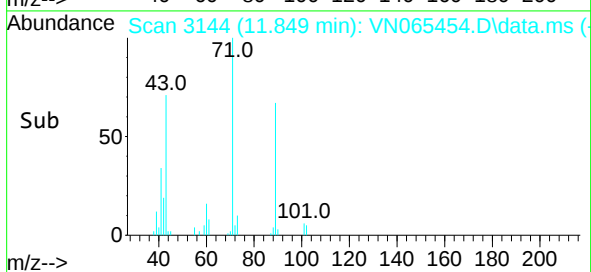
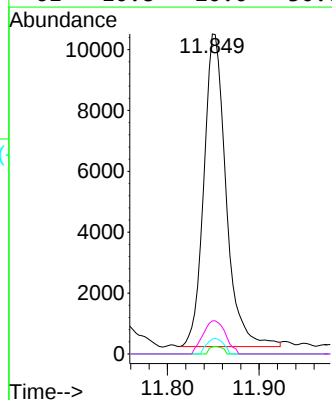
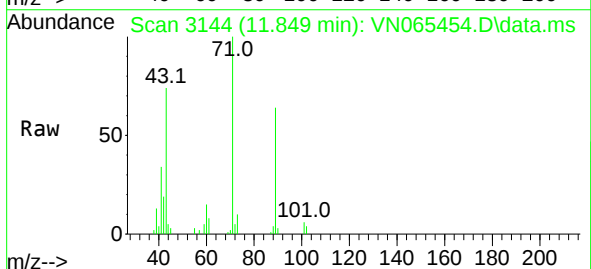
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

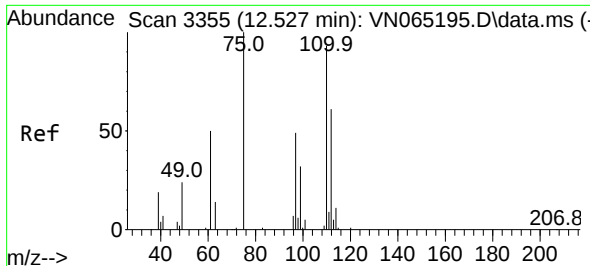
Tgt Ion:152 Resp: 201377
Ion Ratio Lower Upper
152 100
115 54.9 29.7 89.1
150 156.3 0.0 350.6



#74
N-ethyl acetate
Concen: 2.84 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.193 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

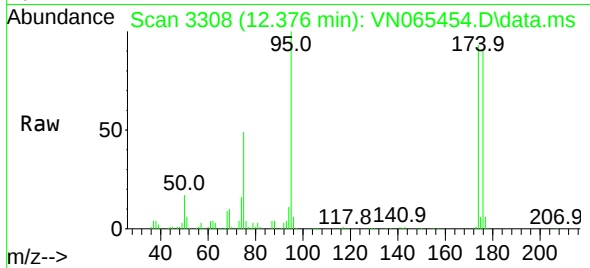
Tgt Ion: 43 Resp: 17319
Ion Ratio Lower Upper
43 100
70 1.4 34.5 51.7#
55 3.7 20.4 30.6#
61 10.8 20.0 30.0#



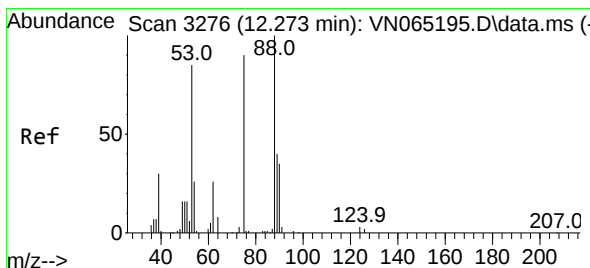
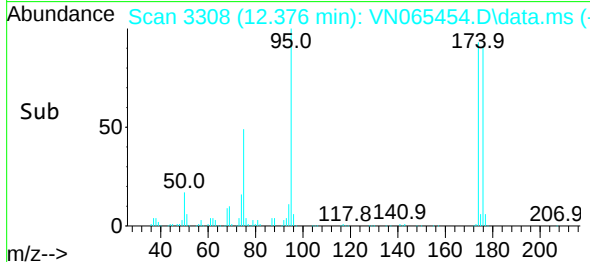
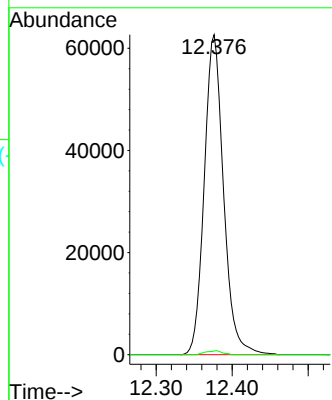


#76
1,2,3-Trichloropropane
Concen: 26.89 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

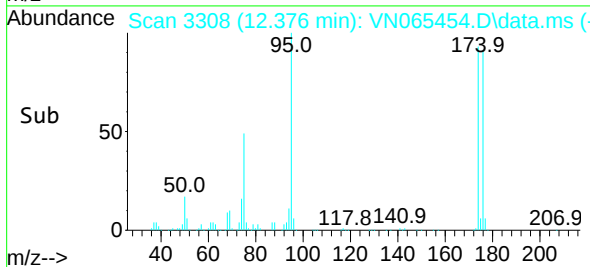
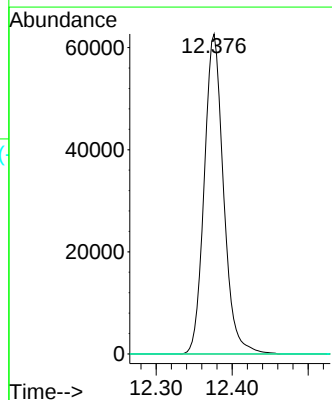
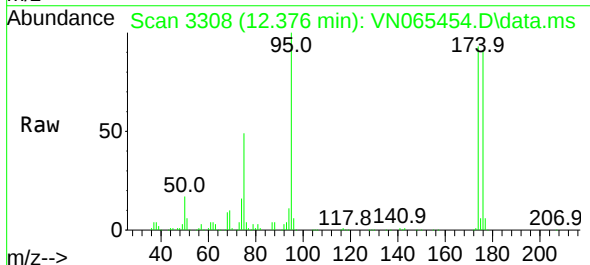


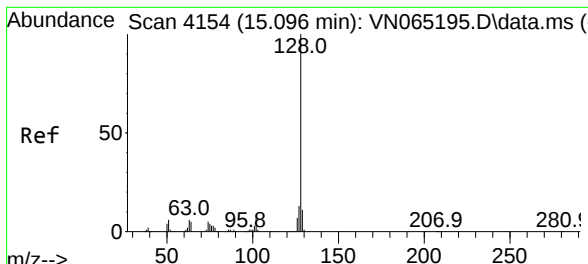
Tgt Ion: 75 Resp: 110465
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.80 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Tgt Ion: 75 Resp: 110465
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
Naphthalene
Concen: 3.44 ug/l
RT: 15.116 min Scan# 4160
Delta R.T. 0.020 min
Lab File: VN065454.D
Acq: 8 Jan 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#06

Tgt Ion:128 Resp: 743
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

