

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065525.D
 Acq On : 15 Jan 2021 16:23
 Operator : JC/MD
 Sample : PB134160ZHE#11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134160ZHE#11

Quant Time: Jan 15 23:42:28 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)

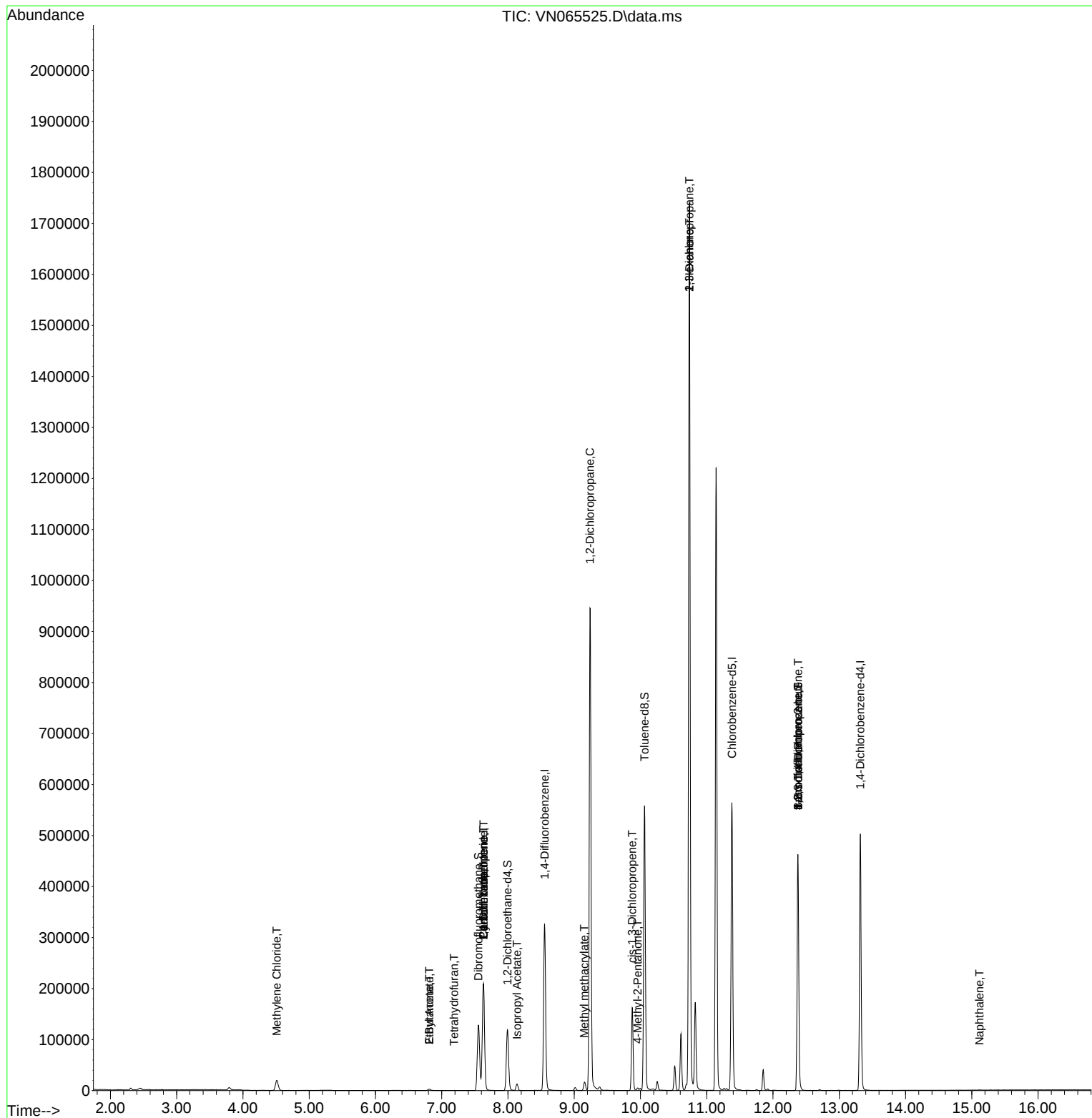
Internal Standards						
1) Pentafluorobenzene	7.630	168	197720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	328575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	362969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	156861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	105498	47.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.52%		
35) Dibromofluoromethane	7.553	113	100703	50.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.60%		
50) Toluene-d8	10.061	98	413249	55.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	111.24%		
62) 4-Bromofluorobenzene	12.376	95	162134	54.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.30%		
Target Compounds					Qvalue	
16) Acetone	3.795	43	7996	Below Cal		91
20) Methylene Chloride	4.512	84	16599	7.62 ug/l		94
25) 2-Butanone	6.810	43	2745	2.19 ug/l #		80
29) Tetrahydrofuran	7.187	42	254	0.31 ug/l #		32
31) Cyclohexane	7.630	56	3029	0.92 ug/l #		1
36) 1,1-Dichloropropene	7.627	75	11635	3.89 ug/l #		50
37) Ethyl Acetate	6.810	43	2745	0.93 ug/l #		66
38) Carbon Tetrachloride	7.630	117	16217	5.17 ug/l #		16
43) Isopropyl Acetate	8.135	43	15479	3.03 ug/l		99
45) 1,2-Dichloropropane	9.238	63	1127	0.49 ug/l #		43
48) Methyl methacrylate	9.151	41	4127	1.67 ug/l #		12
51) 4-Methyl-2-Pentanone	9.955	43	3786	1.32 ug/l		95
54) cis-1,3-Dichloropropene	9.875	75	31579	7.97 ug/l #		60
57) 1,3-Dichloropropane	10.736	76	19248	5.26 ug/l #		42
59) 2-Hexanone	10.736	43	242871	115.13 ug/l #		50
71) Bromoform	12.376	173	1066	0.43 ug/l #		1
76) 1,2,3-Trichloropropane	12.376	75	75341	23.54 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.376	75	75341	59.36 ug/l #		15
95) Naphthalene	15.116	128	233	3.40 ug/l #		69

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

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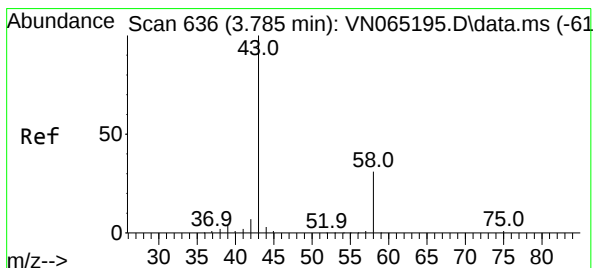
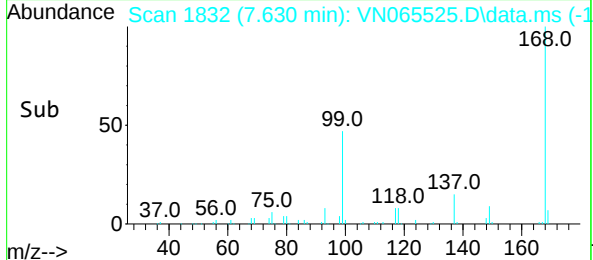
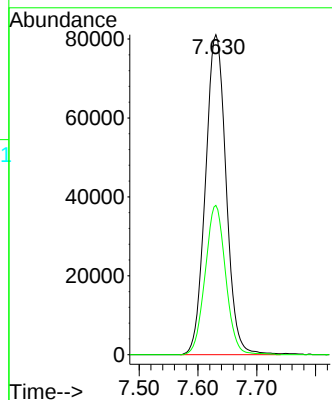
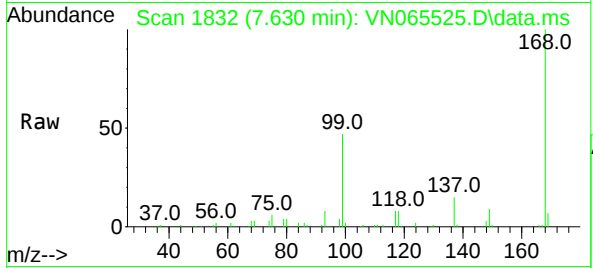




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

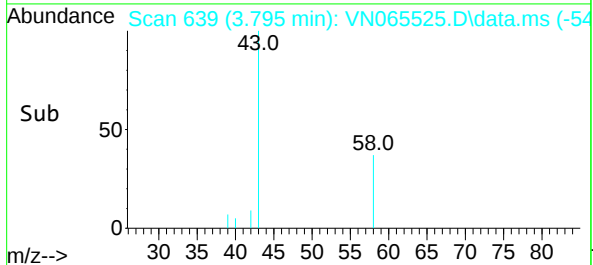
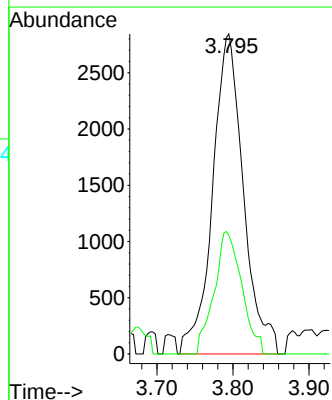
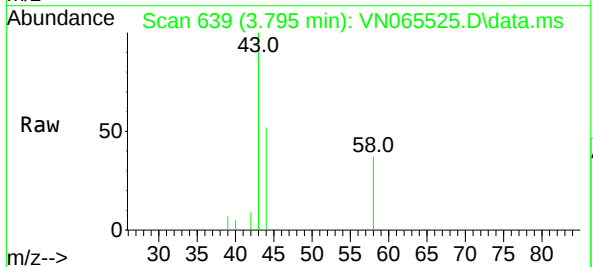
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#11

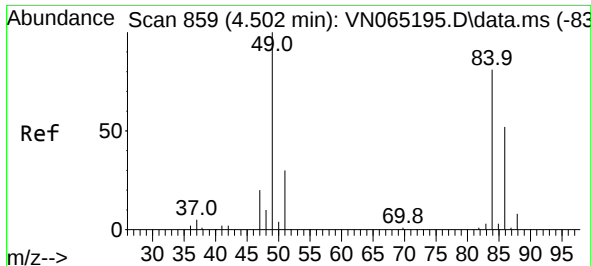
Tgt Ion:168 Resp: 197720
Ion Ratio Lower Upper
168 100
99 46.7 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

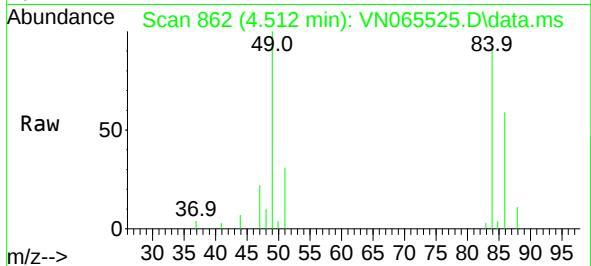
Tgt Ion: 43 Resp: 7996
Ion Ratio Lower Upper
43 100
58 37.0 25.7 38.5



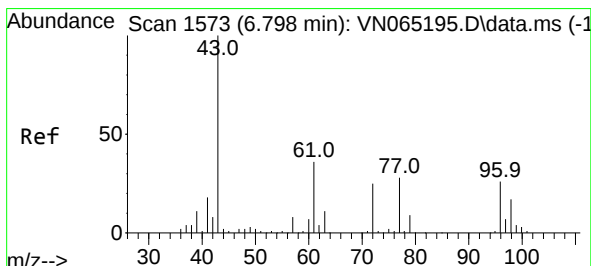
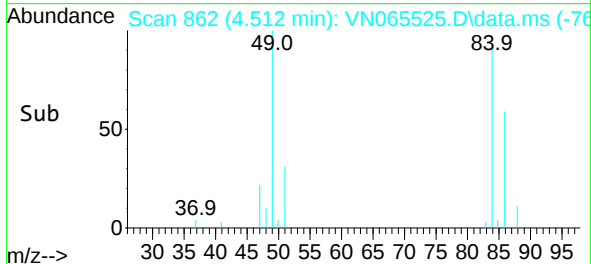
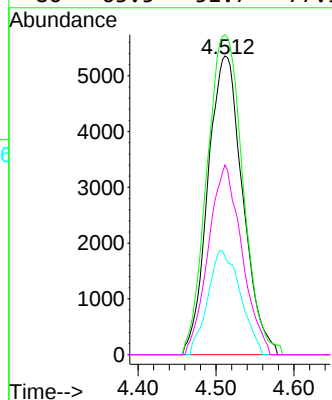


#20
Methylene Chloride
Concen: 7.62 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#11

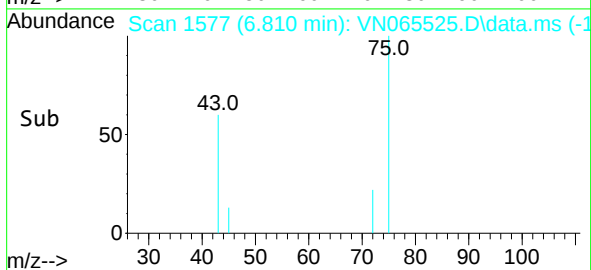
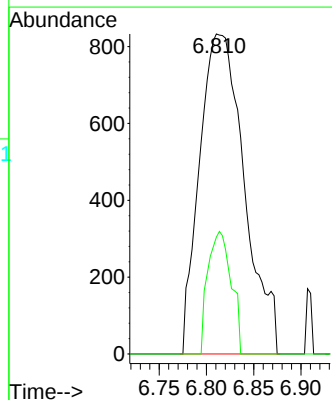
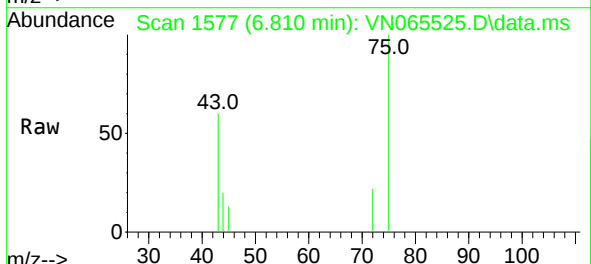


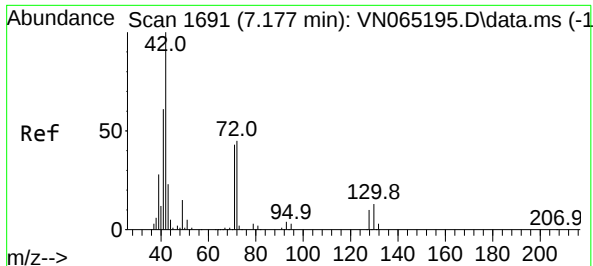
Tgt Ion:	84	Resp:	16599
Ion	Ratio	Lower	Upper
84	100		
49	107.1	93.4	140.0
51	32.8	28.2	42.4
86	63.5	51.7	77.5



#25
2-Butanone
Concen: 2.19 ug/l
RT: 6.810 min Scan# 1577
Delta R.T. 0.012 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

Tgt Ion:	43	Resp:	2745
Ion	Ratio	Lower	Upper
43	100		
72	36.5	21.0	31.6#





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 7.187 min Scan# 1694

Delta R.T. 0.010 min

Lab File: VN065525.D

Acq: 15 Jan 2021 16:23

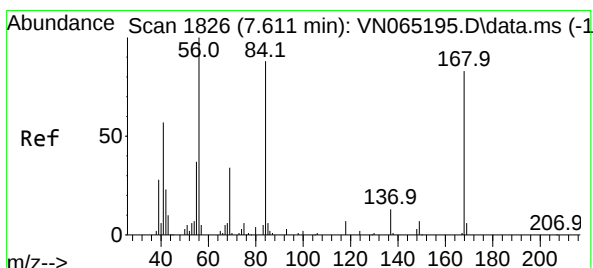
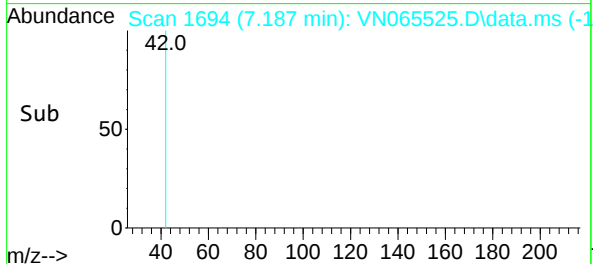
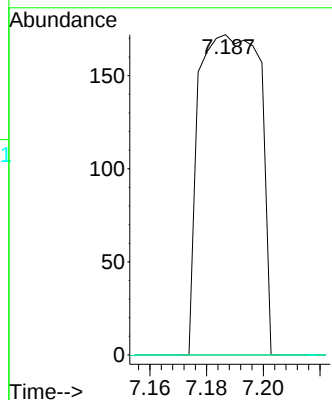
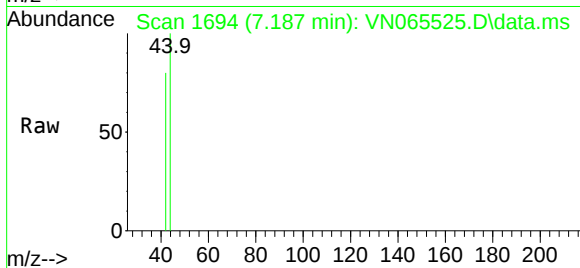
Instrument :

MSVOA_N

ClientSampleId :

PB134160ZHE#11

Tgt Ion:	42	Resp:	254
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 0.92 ug/l

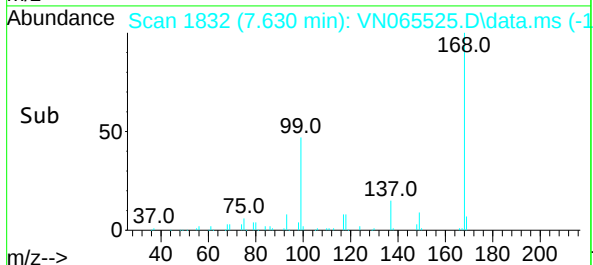
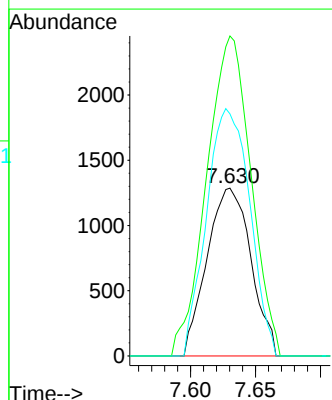
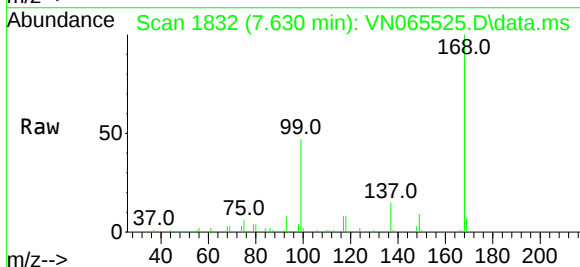
RT: 7.630 min Scan# 1832

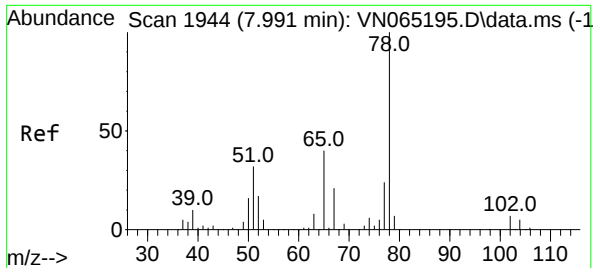
Delta R.T. 0.019 min

Lab File: VN065525.D

Acq: 15 Jan 2021 16:23

Tgt Ion:	56	Resp:	3029
Ion	Ratio	Lower	Upper
56	100		
69	190.6	27.5	41.3#
84	144.2	73.9	110.9#

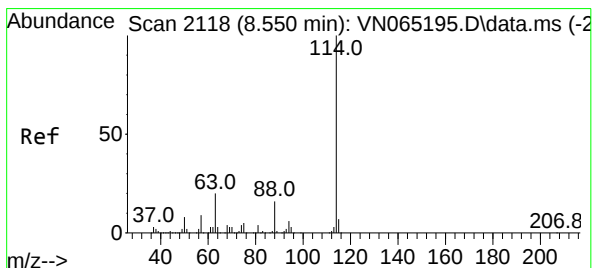
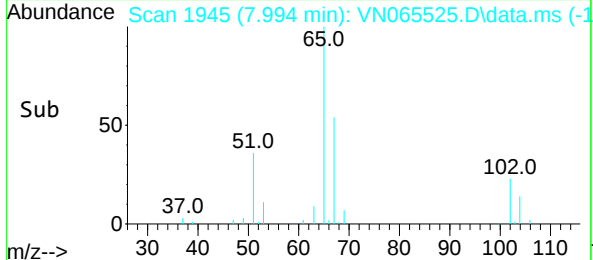
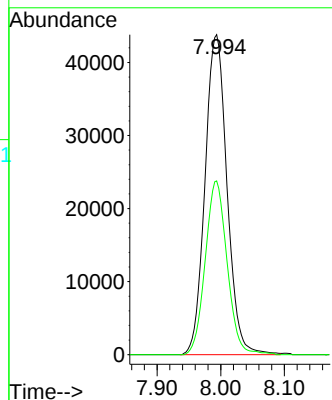
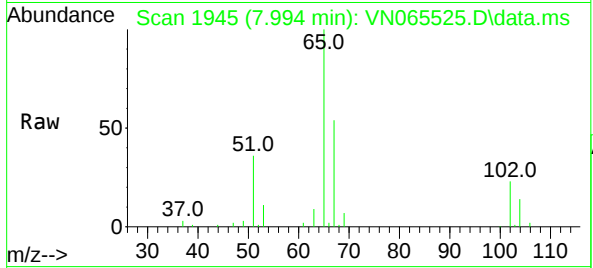




#33
1,2-Dichloroethane-d4
Concen: 47.26 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

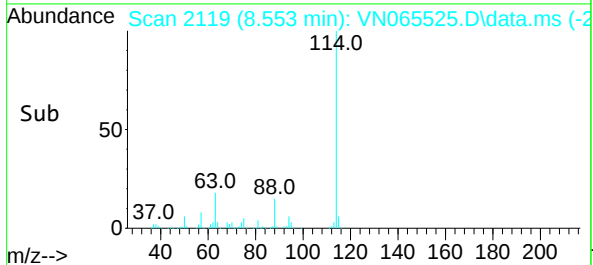
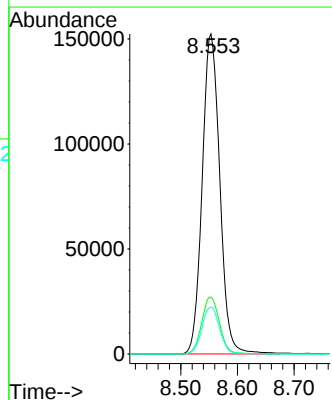
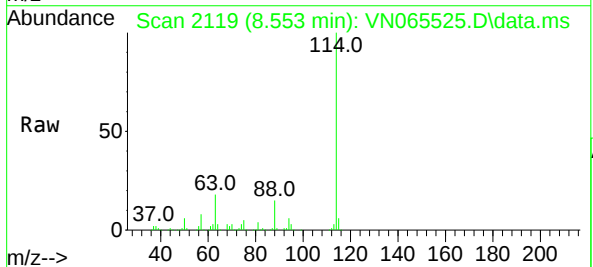
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#11

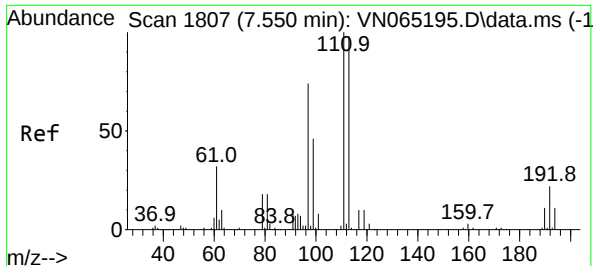
Tgt Ion: 65 Resp: 105498
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

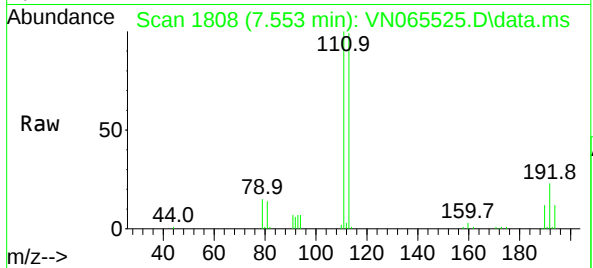
Tgt Ion: 114 Resp: 328575
Ion Ratio Lower Upper
114 100
63 17.7 0.0 38.6
88 14.7 0.0 32.6



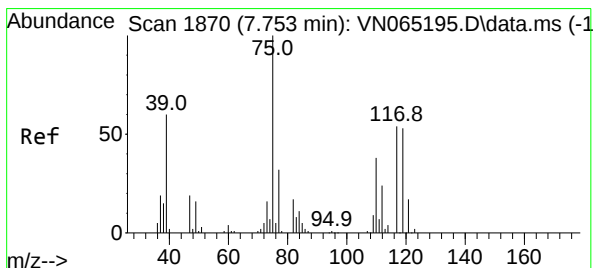
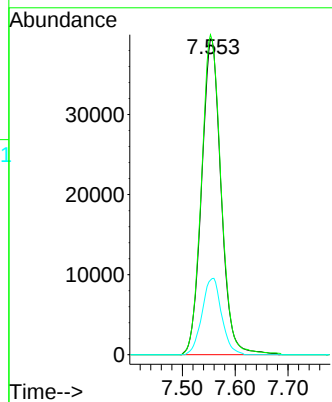
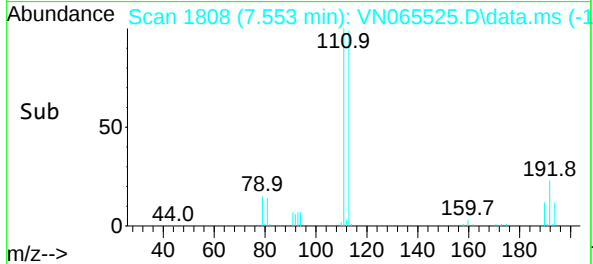


#35
Dibromofluoromethane
Concen: 50.80 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

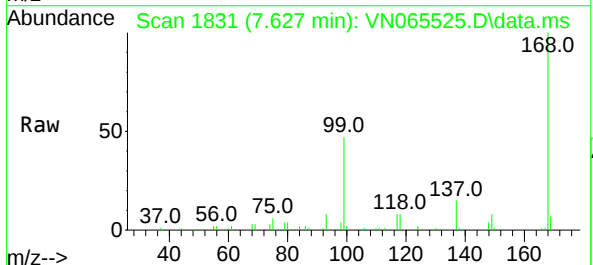
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#11



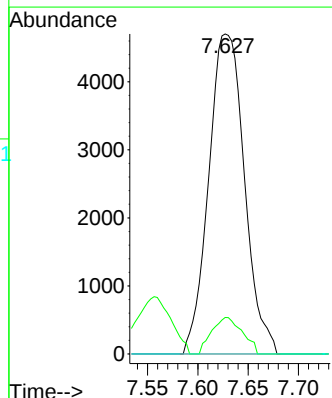
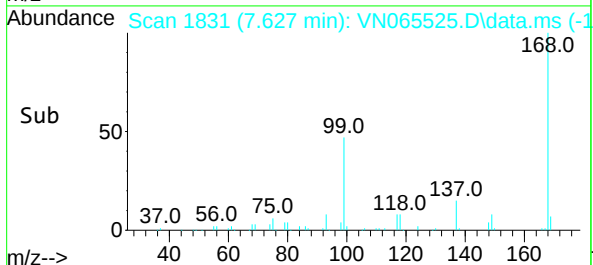
Tgt Ion:113 Resp: 100703
Ion Ratio Lower Upper
113 100
111 102.1 81.6 122.4
192 24.3 16.2 24.2#

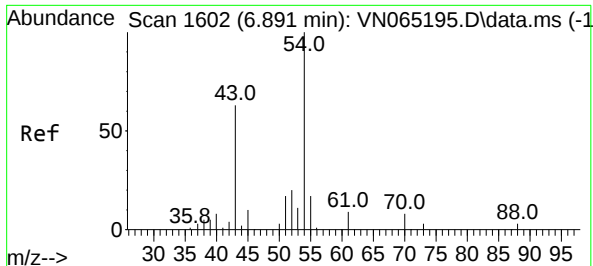


#36
1,1-Dichloropropene
Concen: 3.89 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23



Tgt Ion: 75 Resp: 11635
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.93 ug/l

RT: 6.810 min Scan# 1577

Delta R.T. -0.081 min

Lab File: VN065525.D

Acq: 15 Jan 2021 16:23

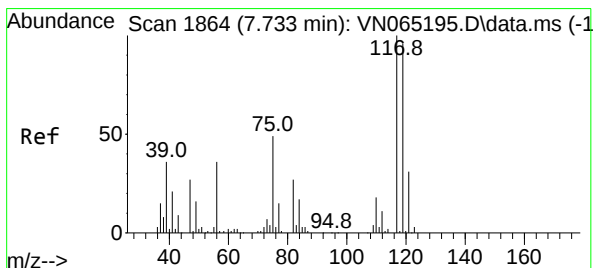
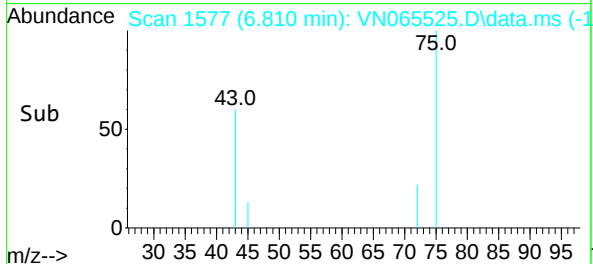
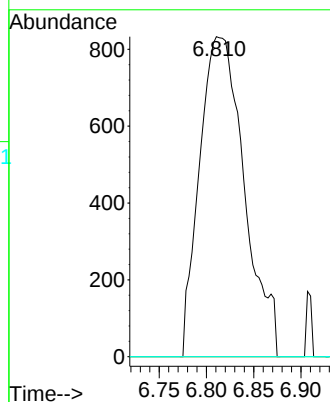
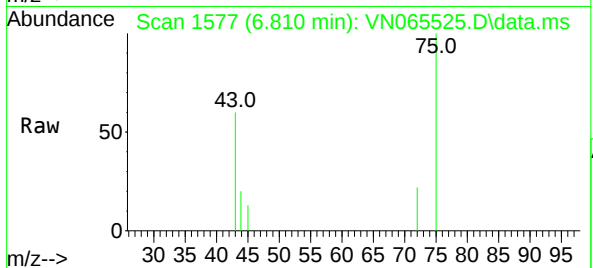
Instrument :

MSVOA_N

ClientSampleId :

PB134160ZHE#11

Tgt Ion: 43	Resp: 2745
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.17 ug/l

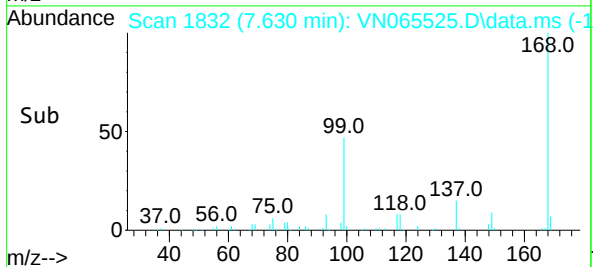
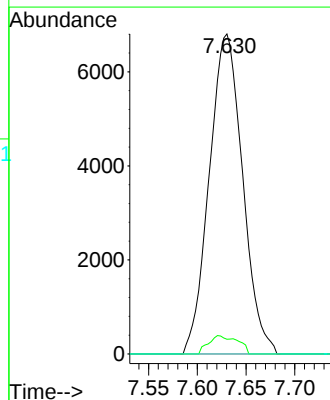
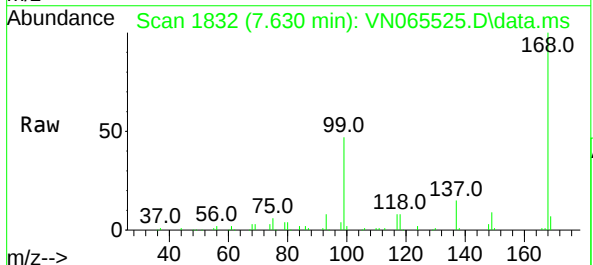
RT: 7.630 min Scan# 1832

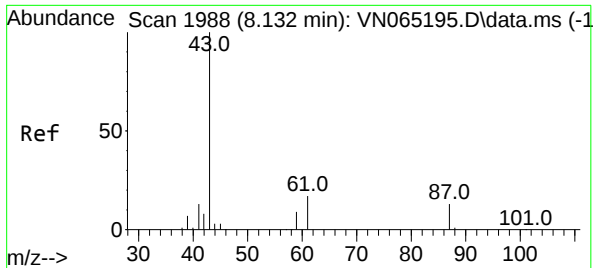
Delta R.T. -0.103 min

Lab File: VN065525.D

Acq: 15 Jan 2021 16:23

Tgt Ion: 117	Resp: 16217
Ion Ratio	Lower Upper
117 100	
119 4.6	76.7 115.1#
121 0.0	25.4 38.2#

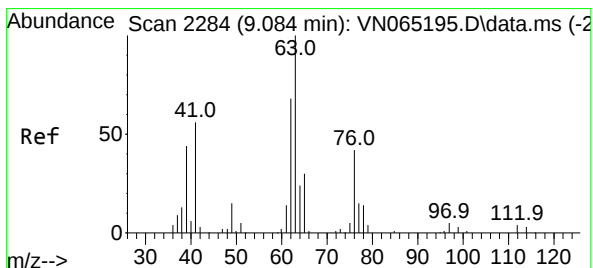
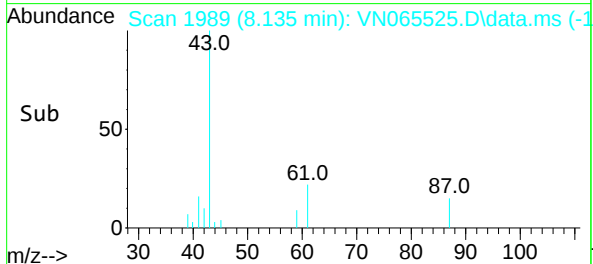
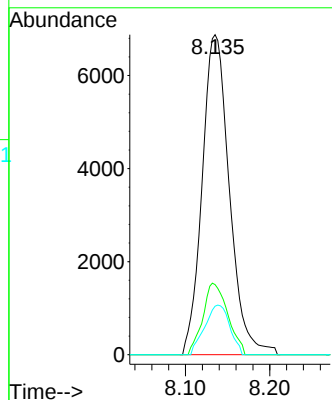
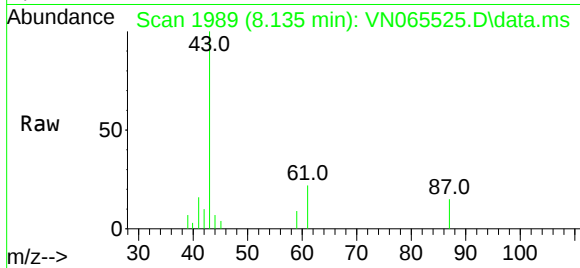




#43
Isopropyl Acetate
Concen: 3.03 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

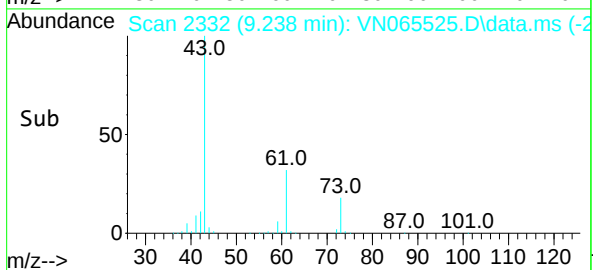
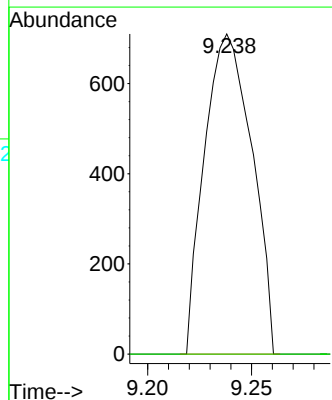
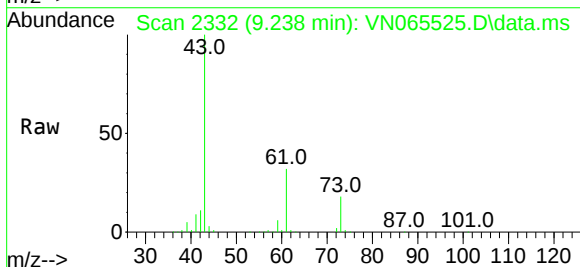
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#11

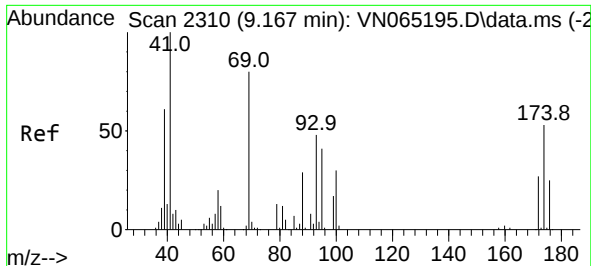
Tgt Ion: 43	Resp: 15479
Ion Ratio	Lower Upper
43 100	
61 20.5	17.2 25.8
87 14.2	11.4 17.0



#45
1,2-Dichloropropane
Concen: 0.49 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

Tgt Ion: 63	Resp: 1127
Ion Ratio	Lower Upper
63 100	
65 0.0	25.0 37.4#

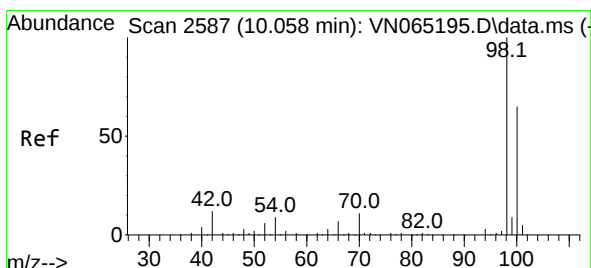
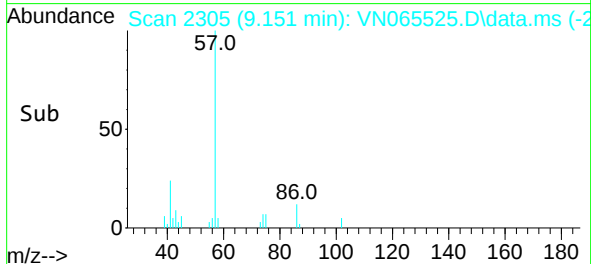
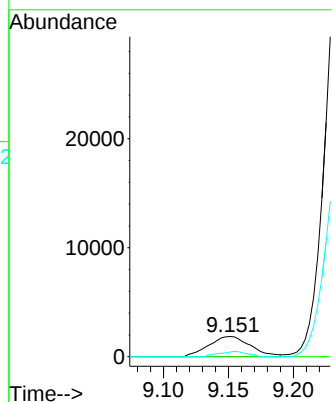
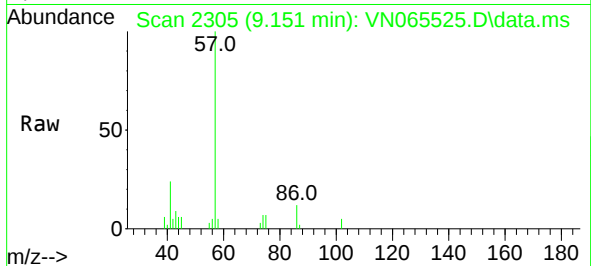




#48
Methyl methacrylate
Concen: 1.67 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

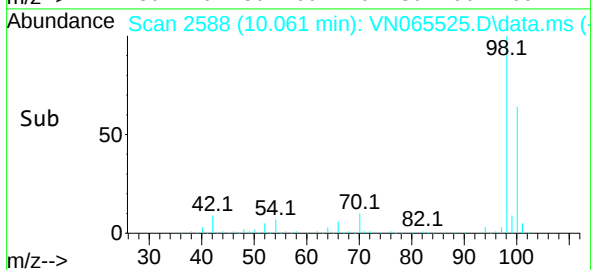
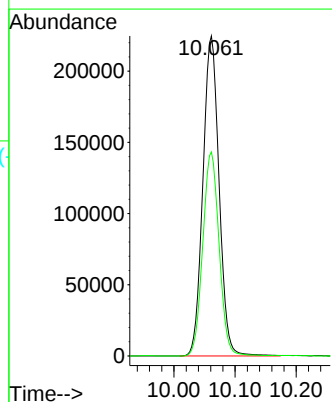
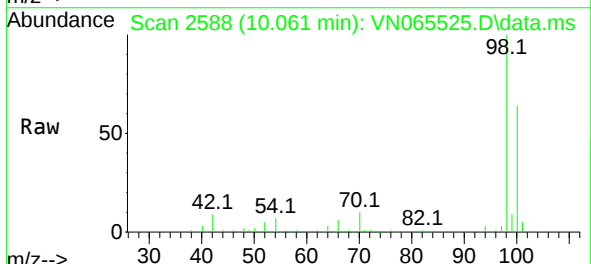
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#11

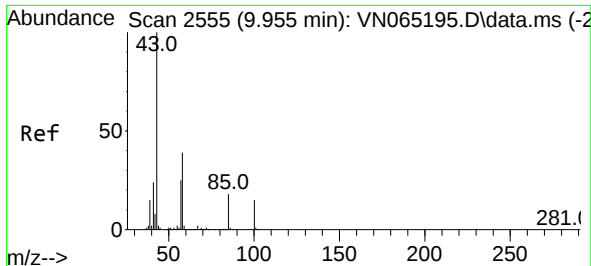
Tgt Ion: 41 Resp: 4127
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 55.62 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

Tgt Ion: 98 Resp: 413249
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

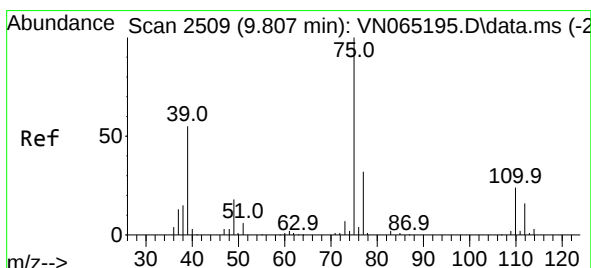
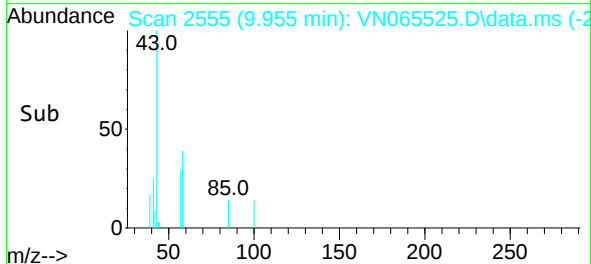
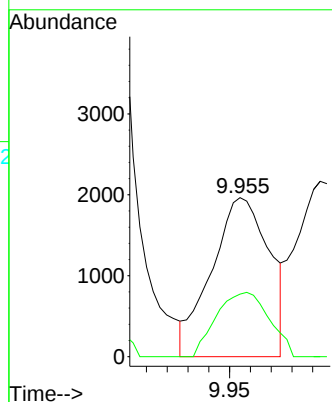
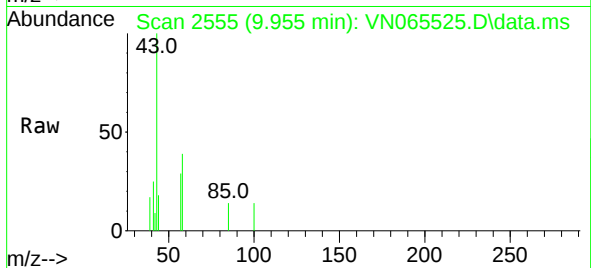




#51
4-Methyl-2-Pentanone
Concen: 1.32 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

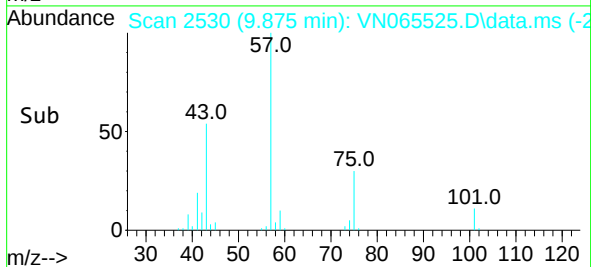
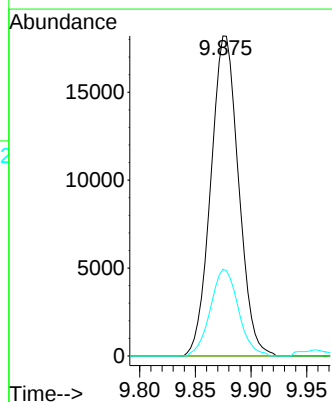
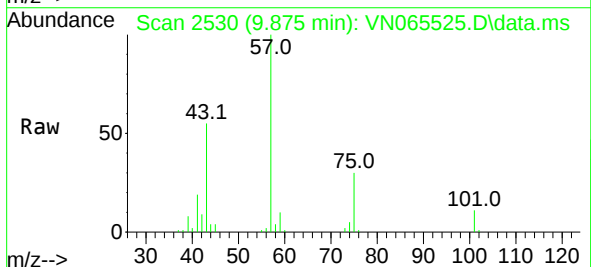
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#11

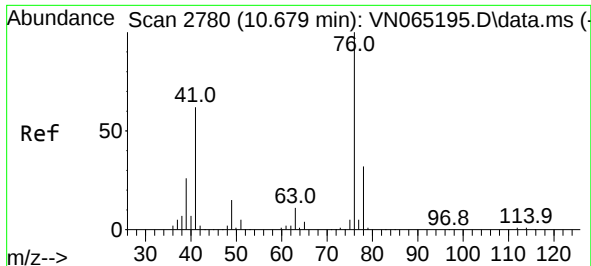
Tgt Ion: 43 Resp: 3786
Ion Ratio Lower Upper
43 100
58 37.2 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 7.97 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

Tgt Ion: 75 Resp: 31579
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 27.1 35.6 53.4#

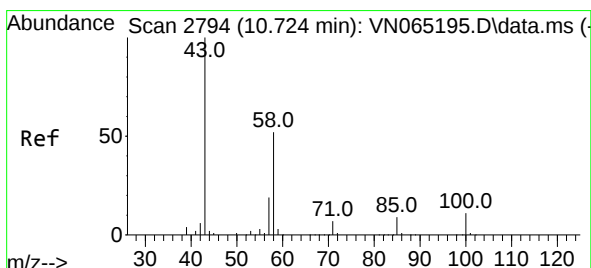
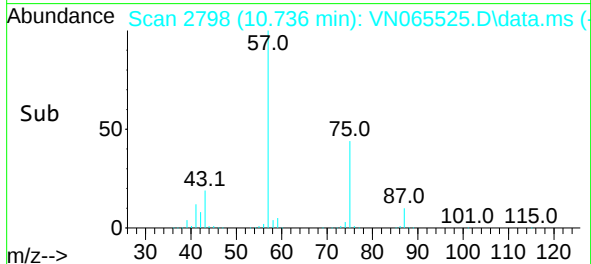
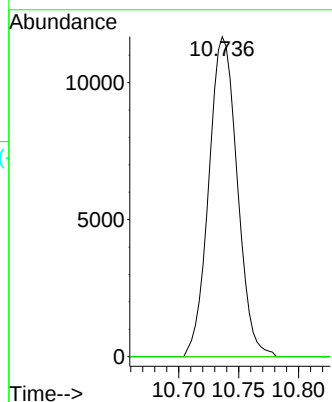
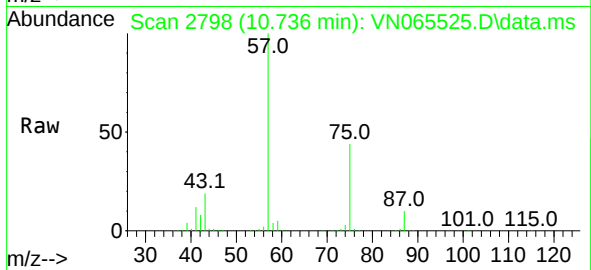




#57
1,3-Dichloropropane
Concen: 5.26 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

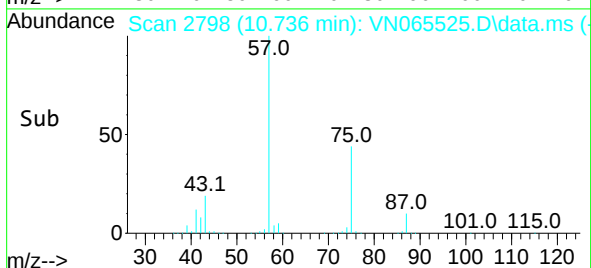
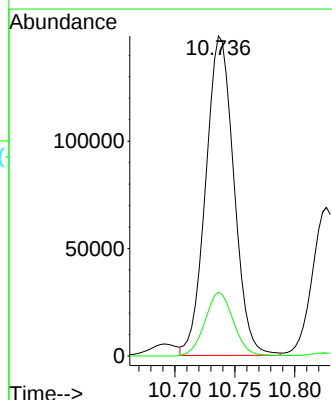
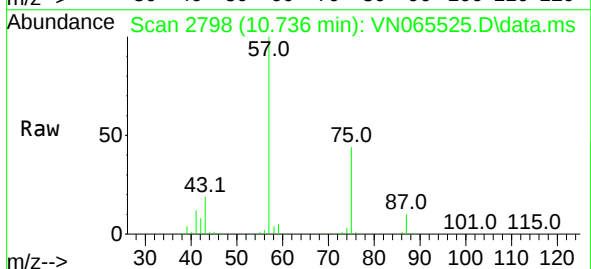
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#11

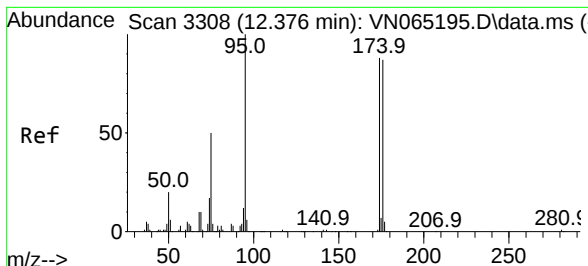
Tgt Ion: 76 Resp: 19248
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 115.13 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

Tgt Ion: 43 Resp: 242871
Ion Ratio Lower Upper
43 100
58 20.1 28.3 84.9#

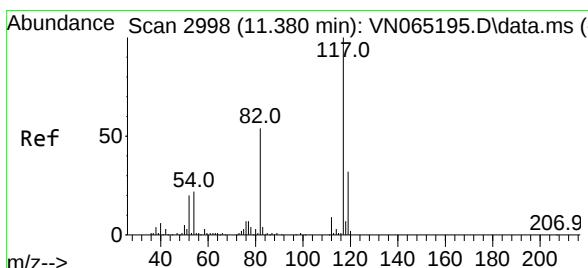
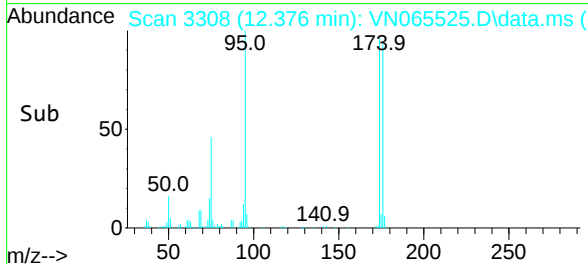
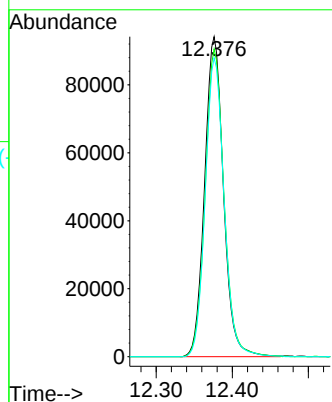
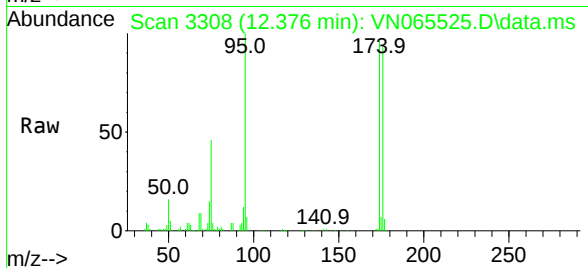




#62
4-Bromofluorobenzene
Concen: 54.65 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

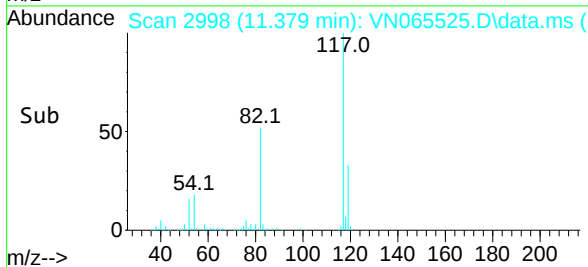
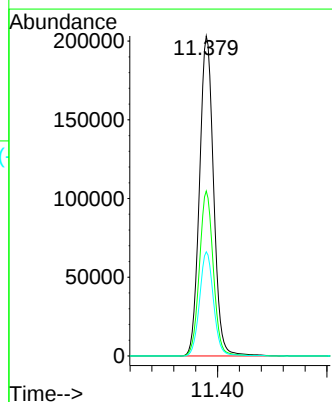
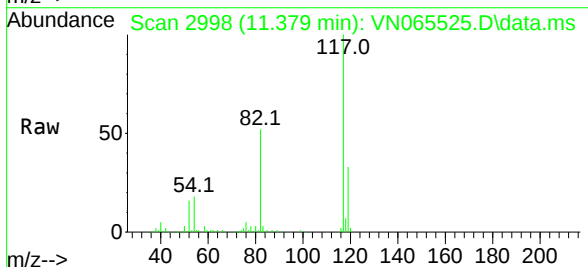
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#11

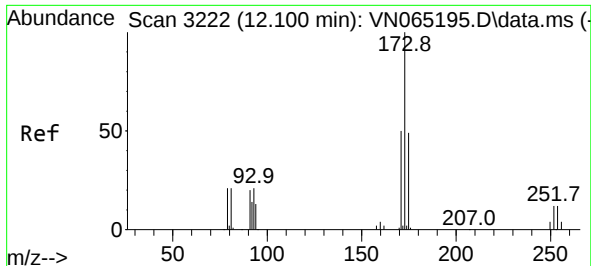
Tgt Ion: 95 Resp: 162134
Ion Ratio Lower Upper
95 100
174 96.1 0.0 160.4
176 93.3 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

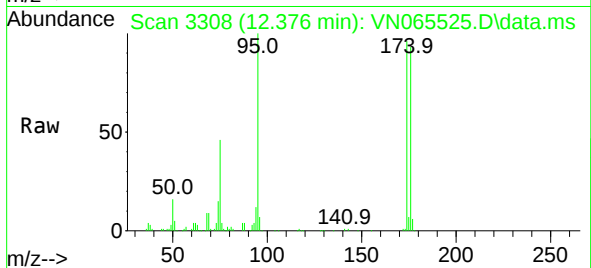
Tgt Ion: 117 Resp: 362969
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 32.5 25.8 38.6



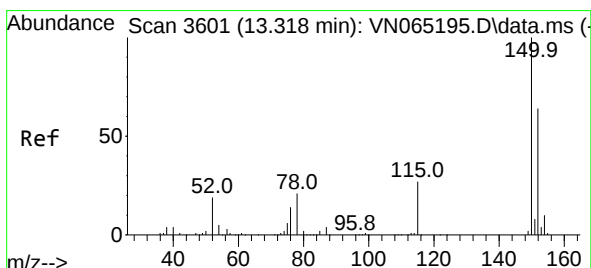
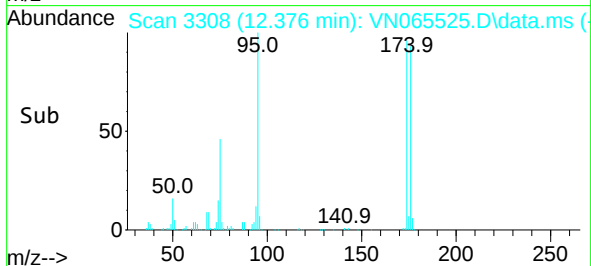
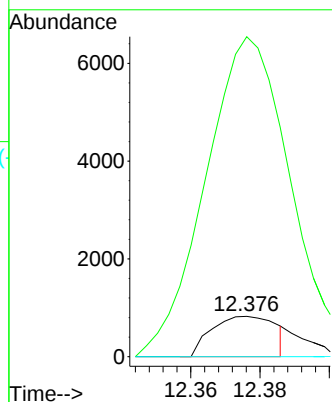


#71
Bromoform
Concen: 0.43 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#11

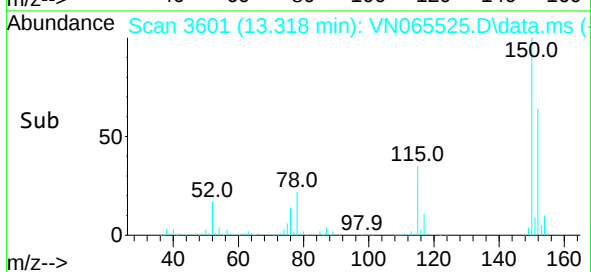
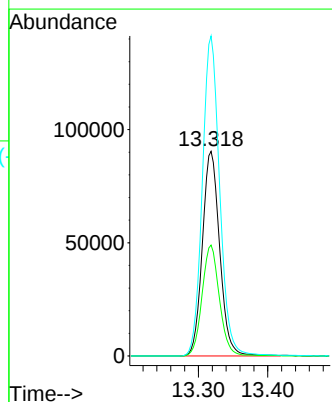
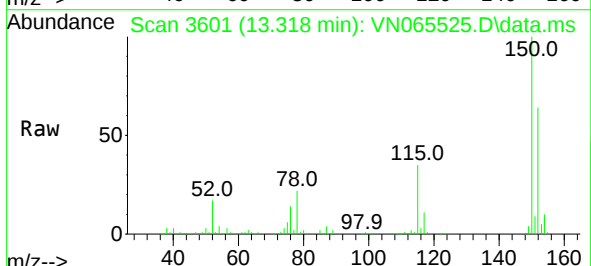


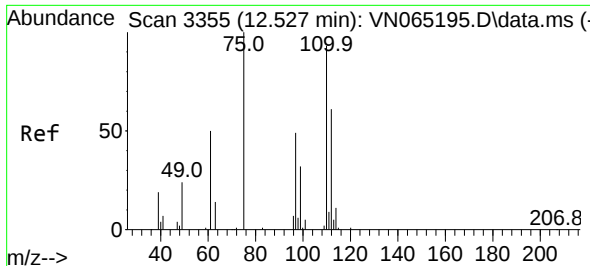
Tgt Ion:173 Resp: 1066
Ion Ratio Lower Upper
173 100
175 865.0 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

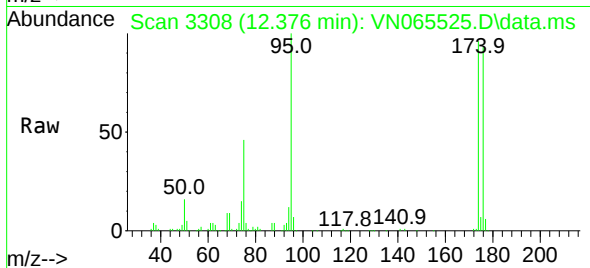
Tgt Ion:152 Resp: 156861
Ion Ratio Lower Upper
152 100
115 54.0 29.7 89.1
150 156.5 0.0 350.6



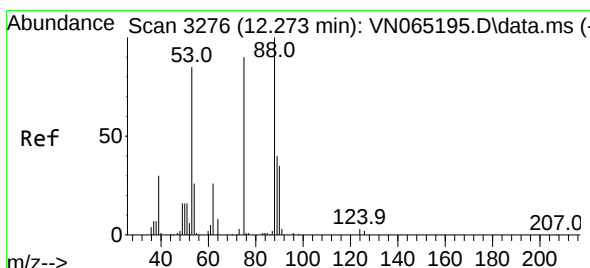
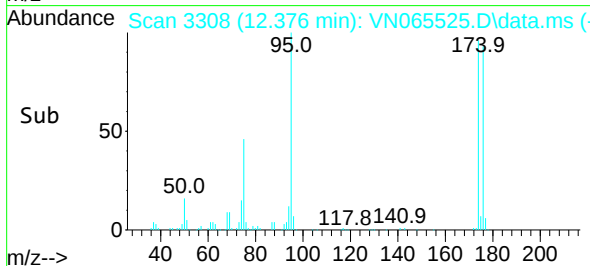
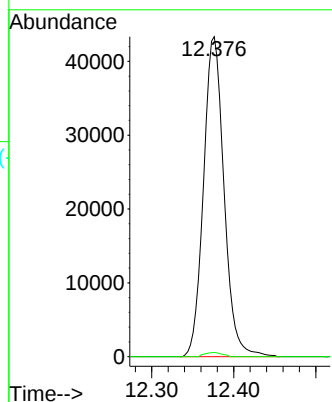


#76
1,2,3-Trichloropropane
Concen: 23.54 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#11

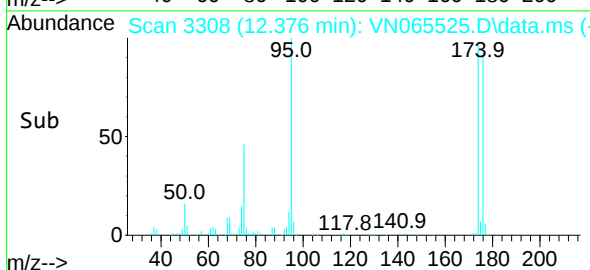
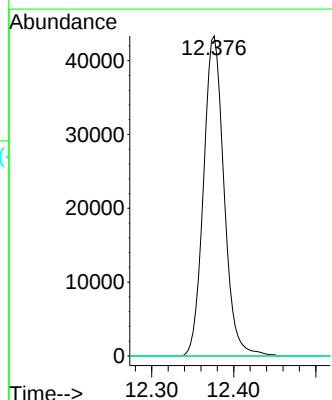
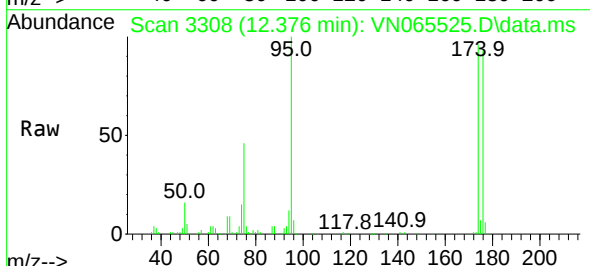


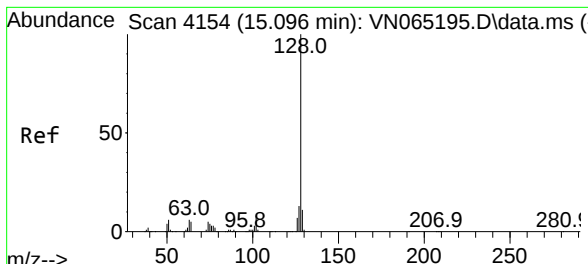
Tgt Ion: 75 Resp: 75341
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.36 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065525.D
Acq: 15 Jan 2021 16:23

Tgt Ion: 75 Resp: 75341
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
 Naphthalene
 Concen: 3.40 ug/l
 RT: 15.116 min Scan# 4160
 Delta R.T. 0.020 min
 Lab File: VN065525.D
 Acq: 15 Jan 2021 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134160ZHE#11

Tgt Ion:	128	Resp:	233
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

