

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011921\
 Data File : VN065553.D
 Acq On : 19 Jan 2021 13:27
 Operator : JC/MD
 Sample : PB134213TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134213TB

Quant Time: Jan 20 00:28:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 18 18:11:15 2021
 Response via : Initial Calibration

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

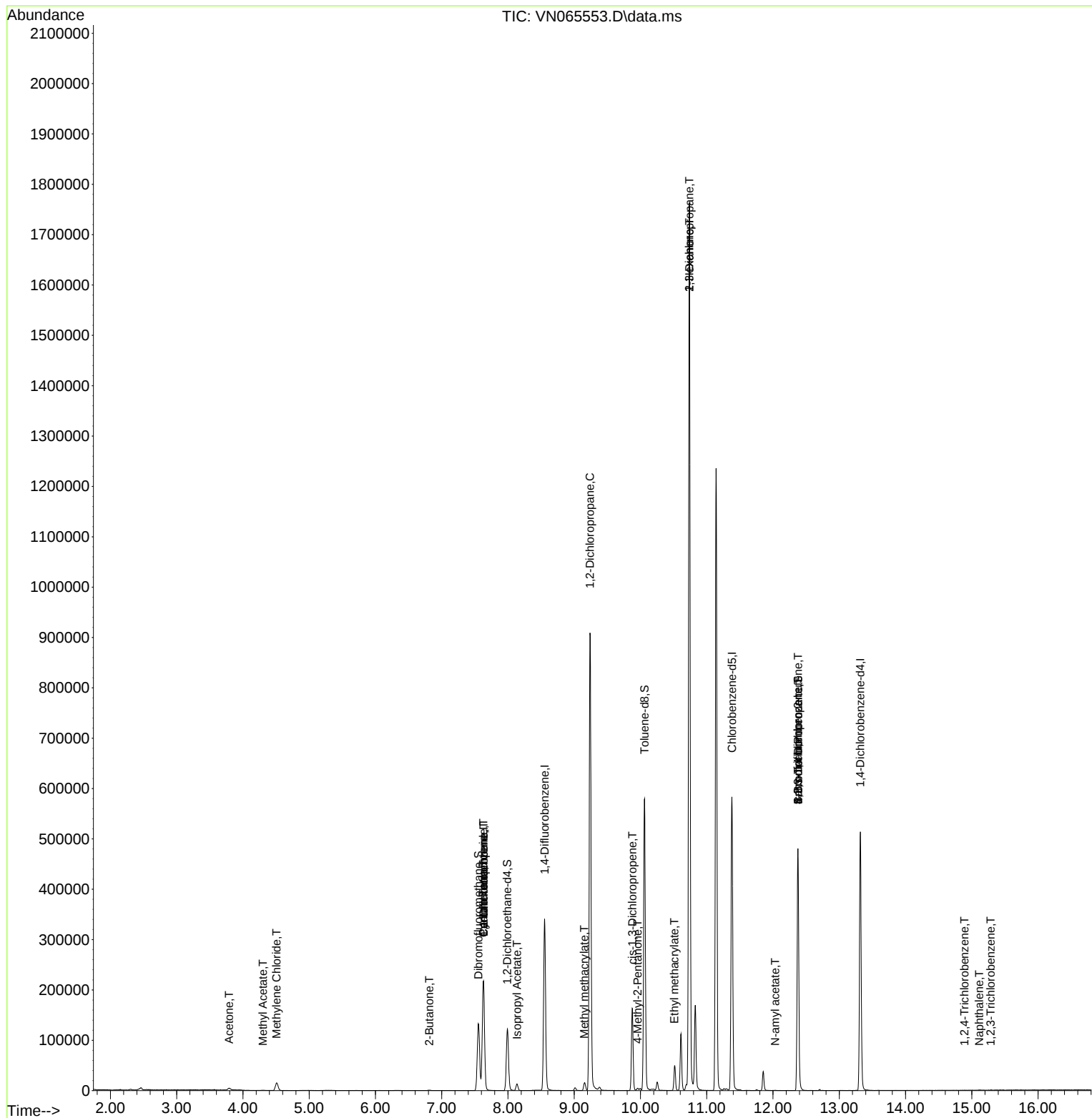
Internal Standards						
1) Pentafluorobenzene	7.630	168	207442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	340855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	379403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	163982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	107243	55.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.94%			
35) Dibromofluoromethane	7.553	113	104461	51.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.66%			
50) Toluene-d8	10.061	98	430698	56.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.76%			
62) 4-Bromofluorobenzene	12.376	95	168935	58.93	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.86%			
Target Compounds					Qvalue	
16) Acetone	3.791	43	6606	8.97	ug/l	91
18) Methyl Acetate	4.303	43	1151	0.61	ug/l #	50
20) Methylene Chloride	4.505	84	12548	6.00	ug/l	97
25) 2-Butanone	6.811	43	398	0.42	ug/l #	49
31) Cyclohexane	7.627	56	2869	0.99	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	12094	4.29	ug/l #	44
38) Carbon Tetrachloride	7.627	117	16602	5.92	ug/l #	16
43) Isopropyl Acetate	8.135	43	15552	4.00	ug/l	99
45) 1,2-Dichloropropane	9.238	63	1024	0.46	ug/l #	43
48) Methyl methacrylate	9.151	41	3745	1.94	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	3443	1.46	ug/l	94
54) cis-1,3-Dichloropropene	9.878	75	32396	9.12	ug/l #	58
56) Ethyl methacrylate	10.511	69	61	2.15	ug/l #	1
57) 1,3-Dichloropropane	10.736	76	19315	5.28	ug/l #	42
59) 2-Hexanone	10.736	43	239065	141.52	ug/l #	50
71) Bromoform	12.376	173	1025	3.19	ug/l #	1
74) N-amyl acetate	12.032	43	899	0.26	ug/l #	42
76) 1,2,3-Trichloropropane	12.376	75	77870	26.22	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	77870	76.22	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.887	180	104	2.85	ug/l #	78
95) Naphthalene	15.113	128	565	3.28	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.286	180	229	2.64	ug/l #	81

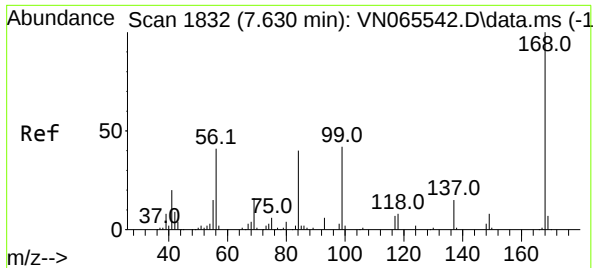
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
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Quant Time: Jan 20 00:28:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
Quant Title : SW846 8260
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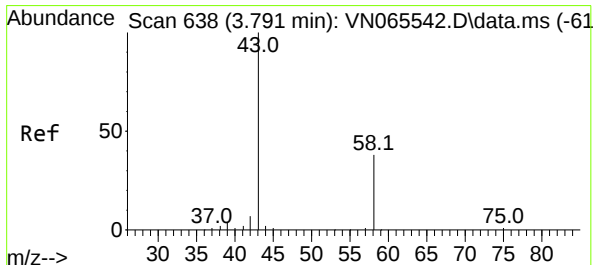
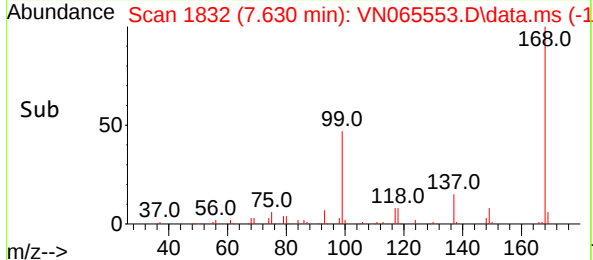
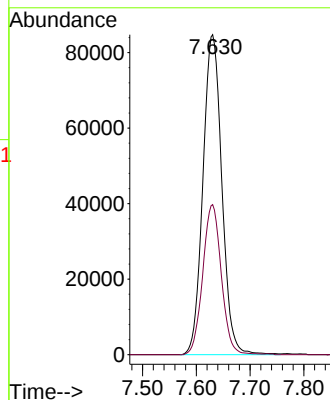
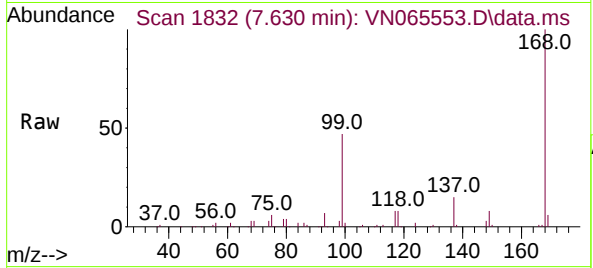




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

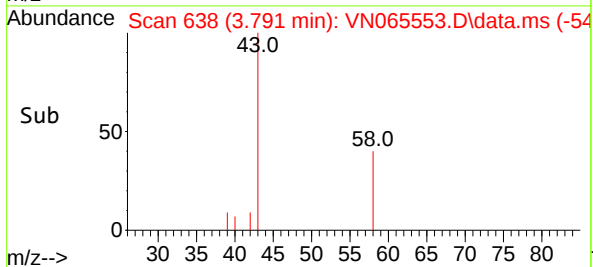
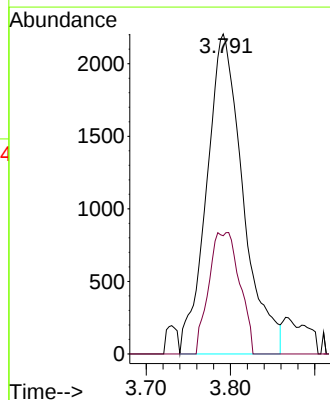
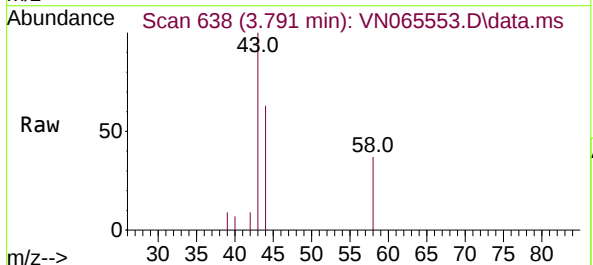
Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

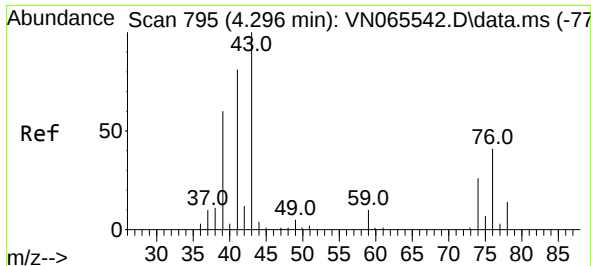
Tgt Ion:168 Resp: 207442
Ion Ratio Lower Upper
168 100
99 46.9 43.0 64.4



#16
Acetone
Concen: 8.97 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Tgt Ion: 43 Resp: 6606
Ion Ratio Lower Upper
43 100
58 37.0 25.7 38.5

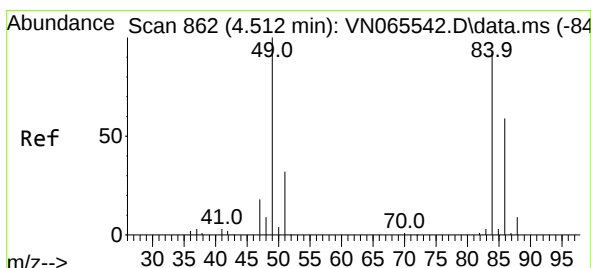
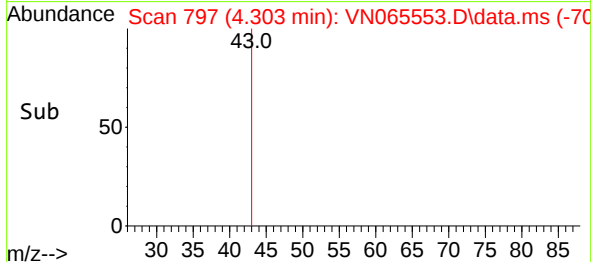
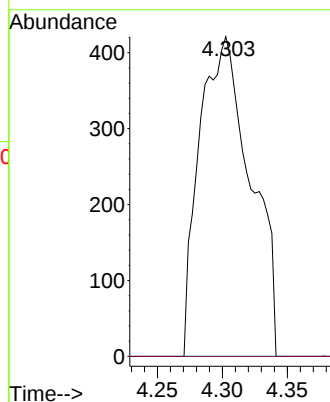
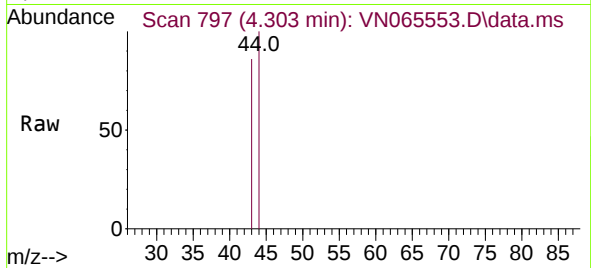




#18
Methyl Acetate
Concen: 0.61 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.007 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

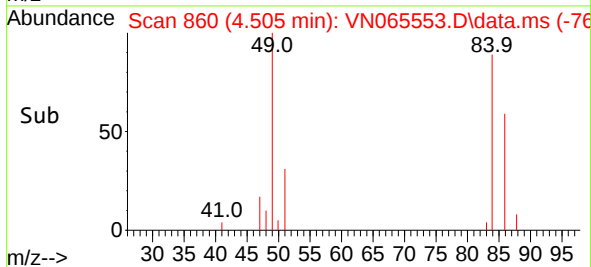
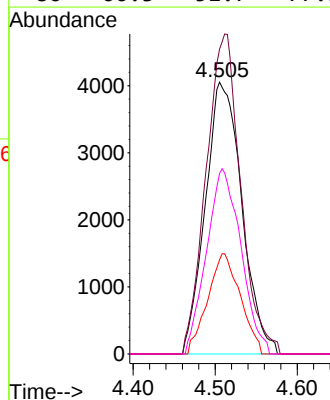
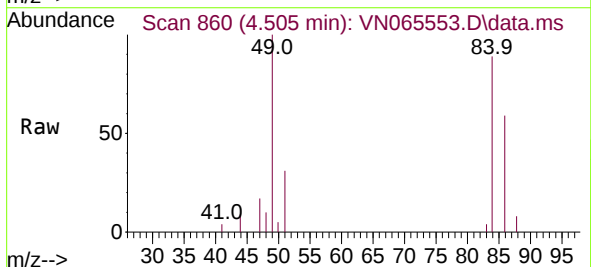
Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

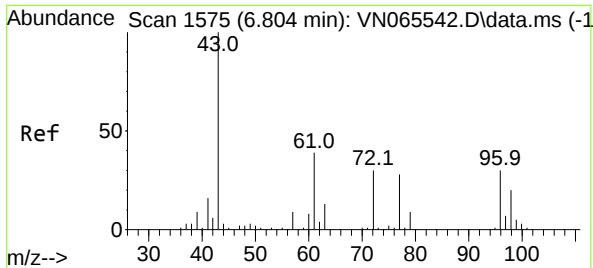
Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 6.00 ug/l
RT: 4.505 min Scan# 860
Delta R.T. -0.007 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Tgt Ion: 84 Resp: 12548
Ion Ratio Lower Upper
84 100
49 112.1 93.4 140.0
51 34.7 28.2 42.4
86 66.3 51.7 77.5

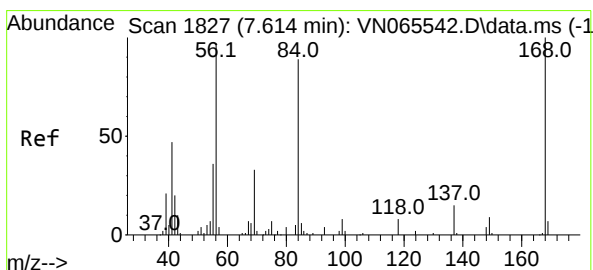
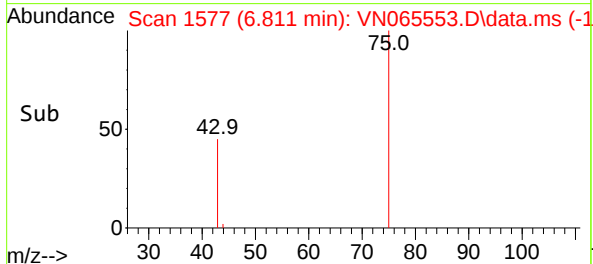
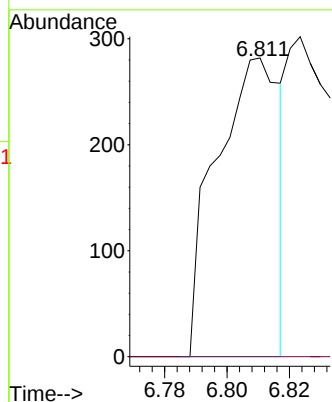
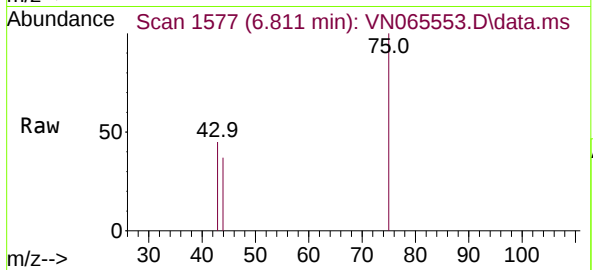




#25
2-Butanone
Concen: 0.42 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.007 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

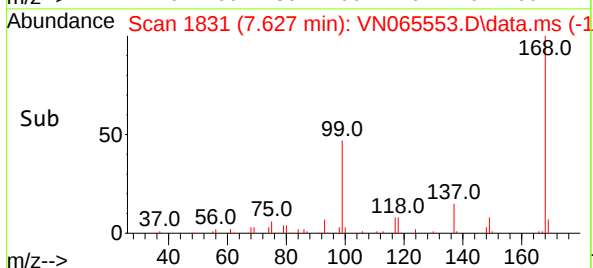
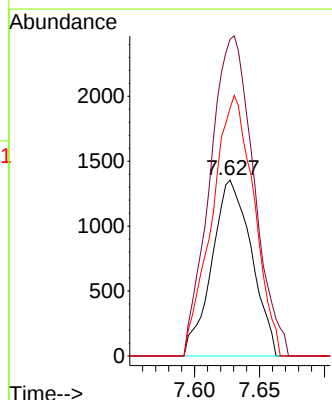
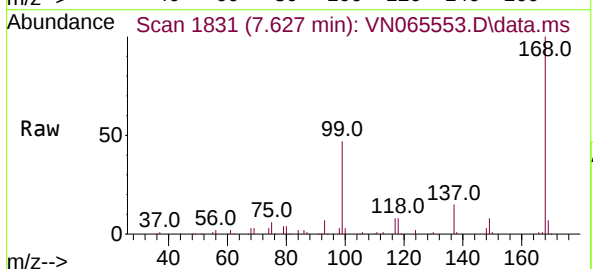
Instrument :
MSVOA_N
ClientSampled :
PB134213TB

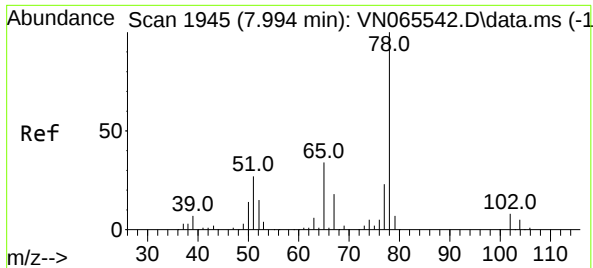
Tgt Ion: 43 Resp: 398
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#31
Cyclohexane
Concen: 0.99 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.013 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Tgt Ion: 56 Resp: 2869
Ion Ratio Lower Upper
56 100
69 180.4 27.5 41.3#
84 141.2 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 55.97 ug/l

RT: 7.991 min Scan# 1944

Delta R.T. -0.003 min

Lab File: VN065553.D

Acq: 19 Jan 2021 13:27

Tgt Ion: 65 Resp: 107243

Ion Ratio Lower Upper

65 100

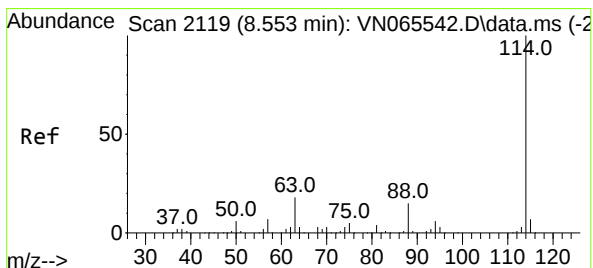
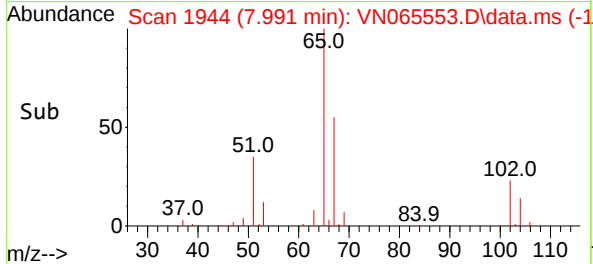
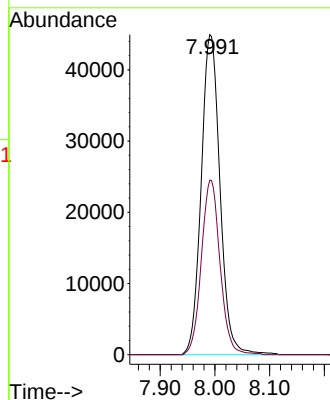
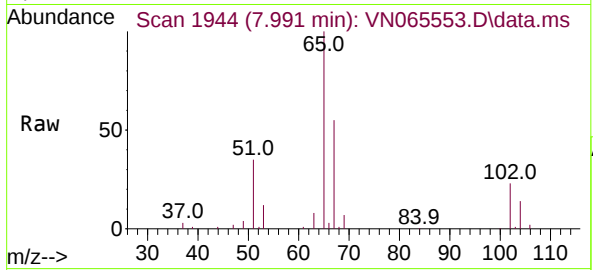
67 54.1 0.0 108.2

Instrument :

MSVOA_N

ClientSampleId :

PB134213TB



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.553 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VN065553.D

Acq: 19 Jan 2021 13:27

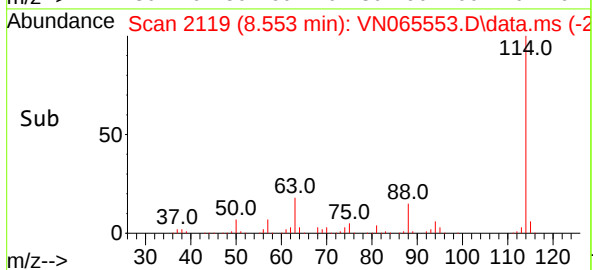
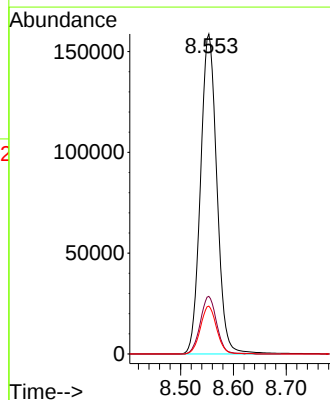
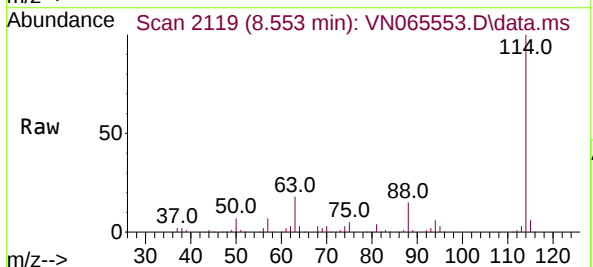
Tgt Ion: 114 Resp: 340855

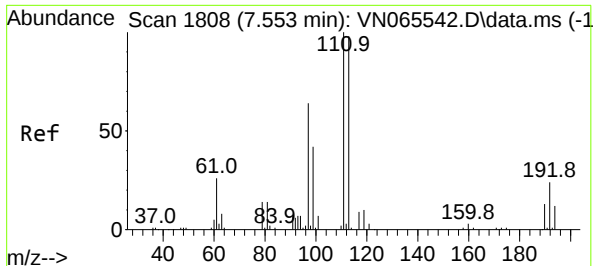
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.6

88 14.9 0.0 32.6

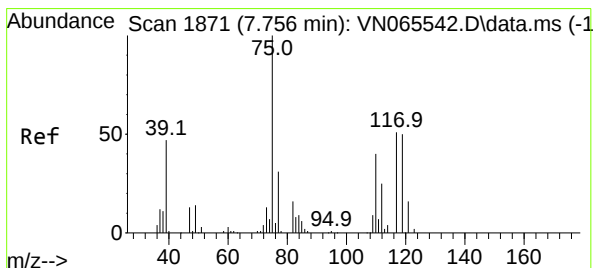
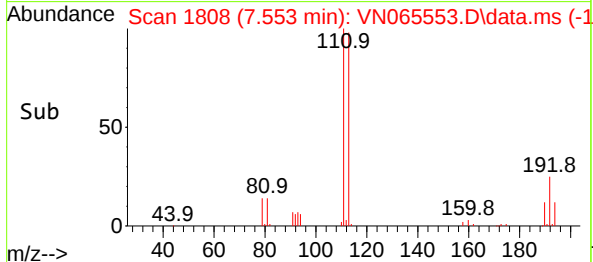
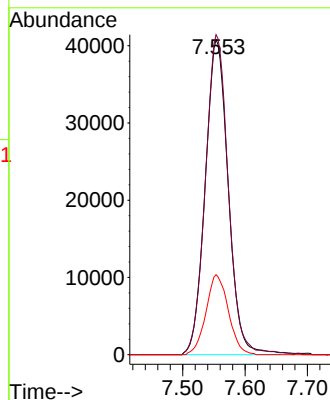
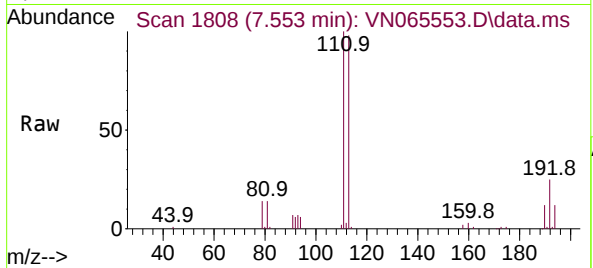




#35
Dibromofluoromethane
Concen: 51.33 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

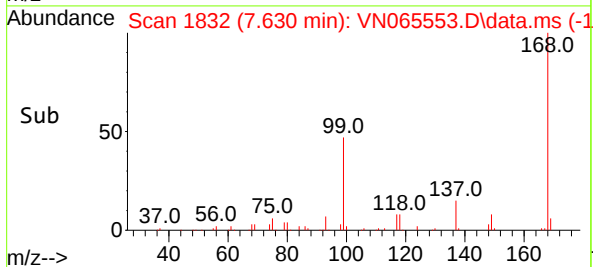
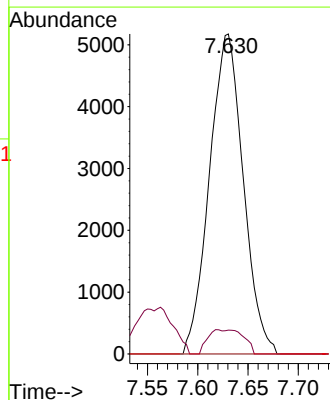
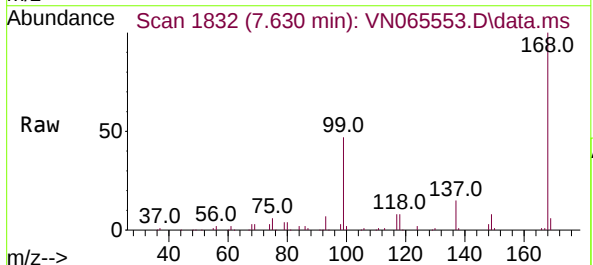
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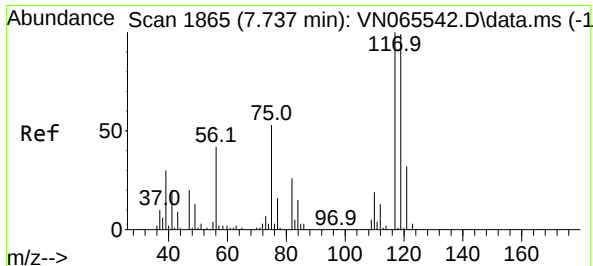
Tgt Ion:113 Resp: 104461
Ion Ratio Lower Upper
113 100
111 100.4 81.6 122.4
192 24.7 16.2 24.2#



#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.126 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

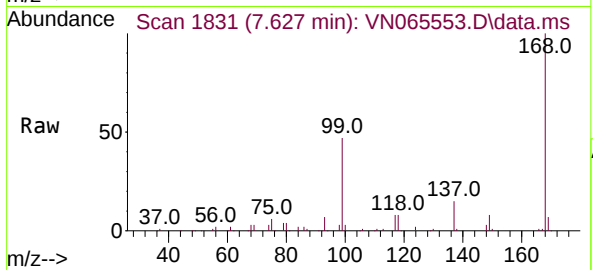
Tgt Ion: 75 Resp: 12094
Ion Ratio Lower Upper
75 100
110 3.4 17.8 53.3#
77 0.0 25.0 37.4#



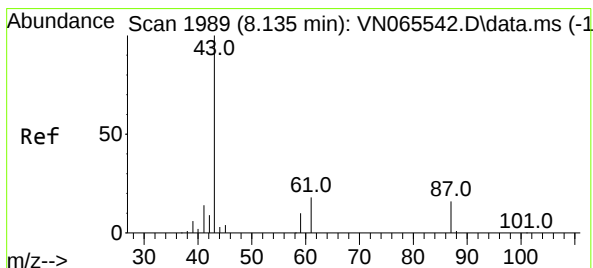
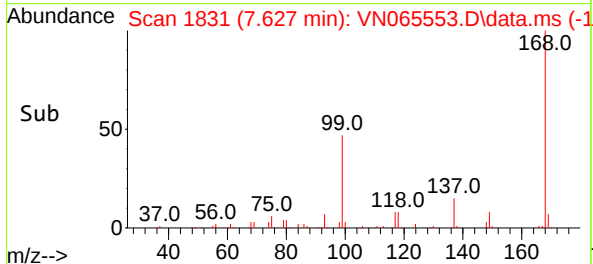
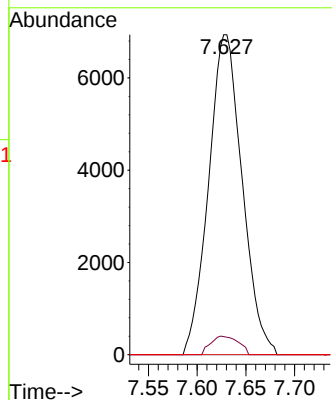


#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.110 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Instrument :
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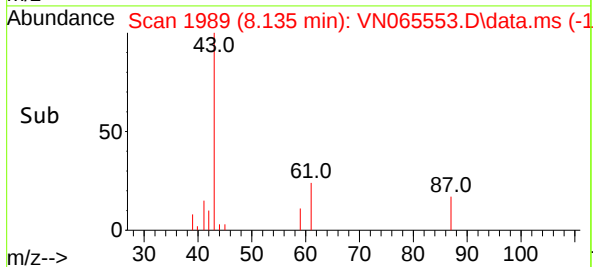
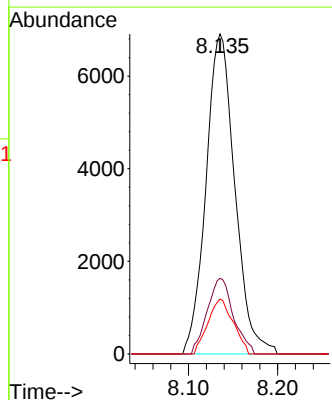
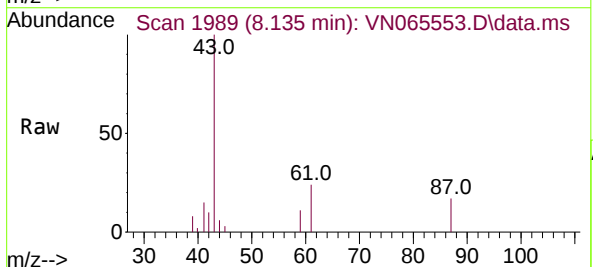


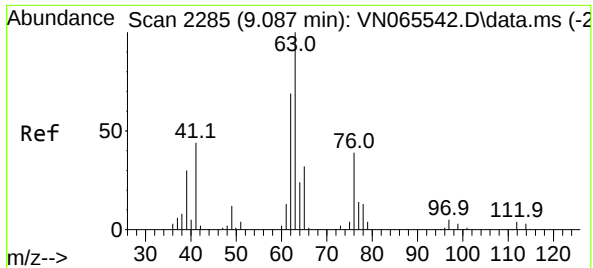
Tgt Ion:117 Resp: 16602
Ion Ratio Lower Upper
117 100
119 5.6 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 4.00 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Tgt Ion: 43 Resp: 15552
Ion Ratio Lower Upper
43 100
61 21.5 17.2 25.8
87 15.0 11.4 17.0

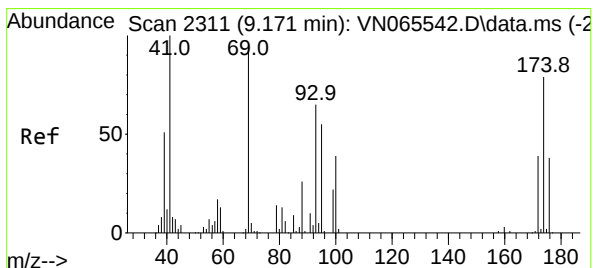
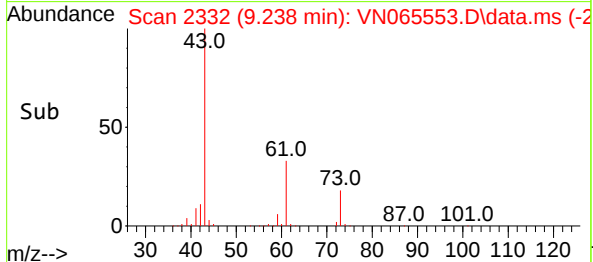
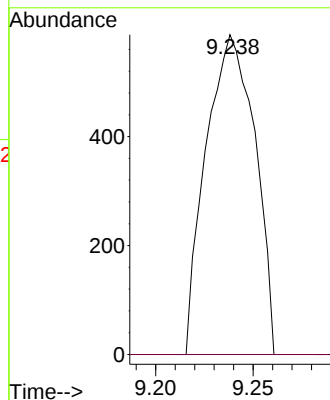
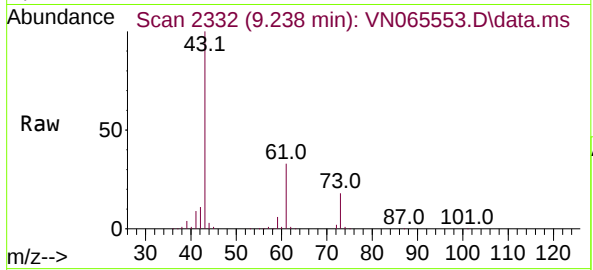




#45
1,2-Dichloropropane
Concen: 0.46 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.151 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

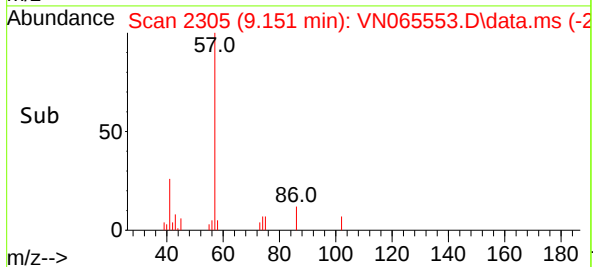
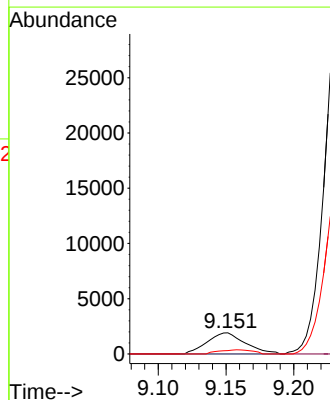
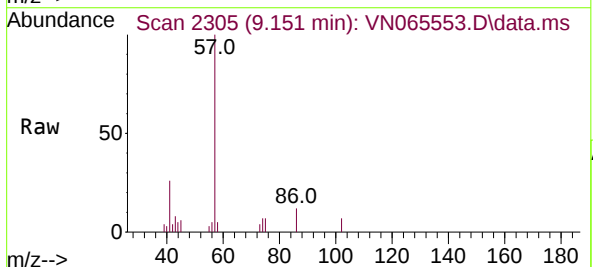
Instrument :
MSVOA_N
ClientSampled :
PB134213TB

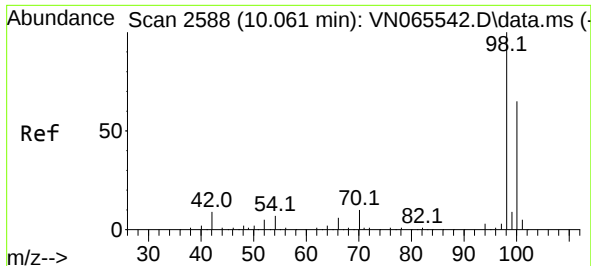
Tgt Ion: 63 Resp: 1024
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.94 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.020 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Tgt Ion: 41 Resp: 3745
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

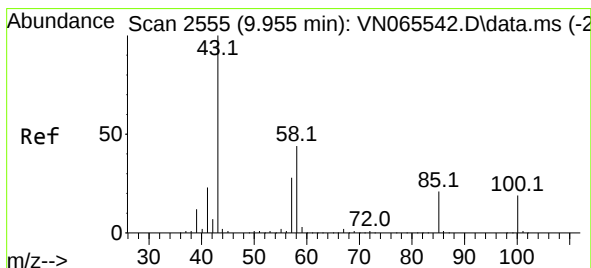
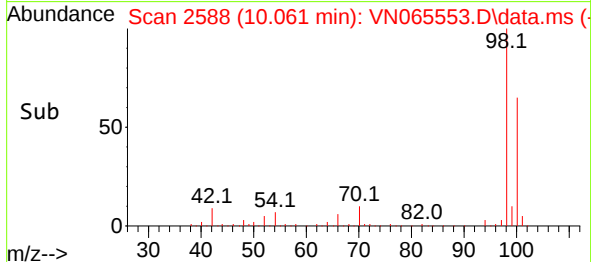
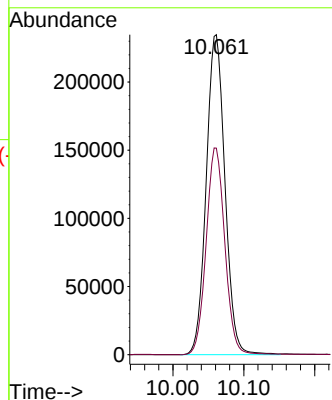
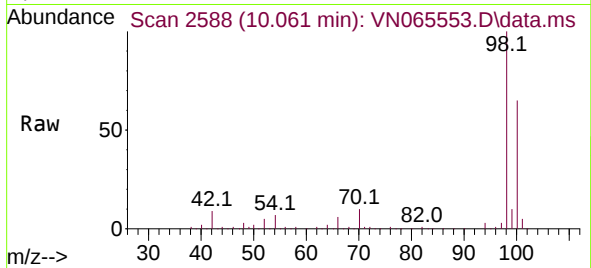




#50
Toluene-d8
Concen: 56.38 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.000 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

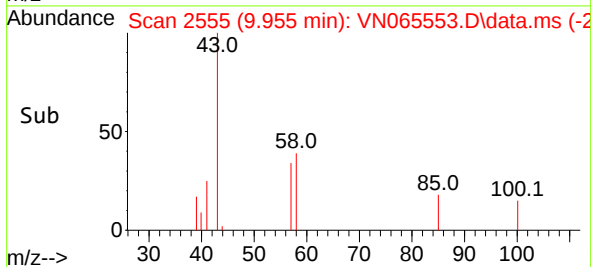
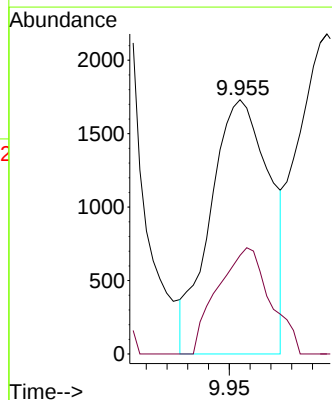
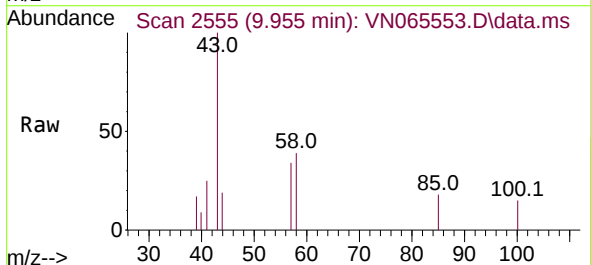
Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

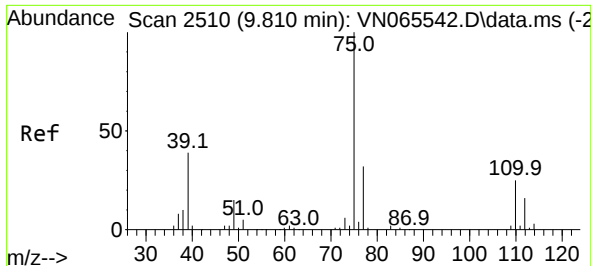
Tgt Ion: 98 Resp: 430698
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.46 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Tgt Ion: 43 Resp: 3443
Ion Ratio Lower Upper
43 100
58 36.9 32.4 48.6

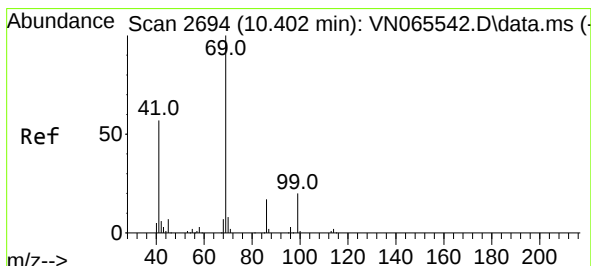
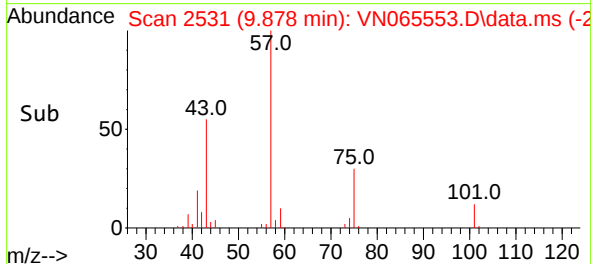
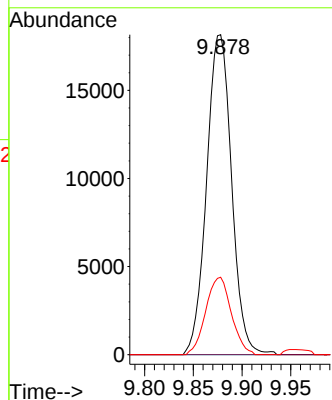
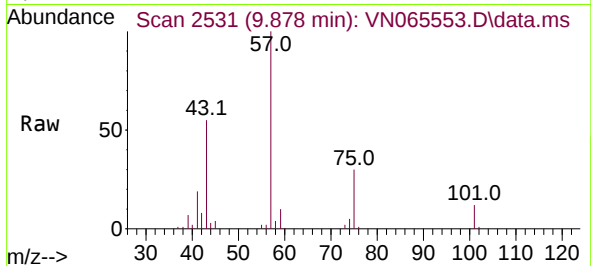




#54
 cis-1,3-Dichloropropene
 Concen: 9.12 ug/l
 RT: 9.878 min Scan# 2531
 Delta R.T. 0.068 min
 Lab File: VN065553.D
 Acq: 19 Jan 2021 13:27

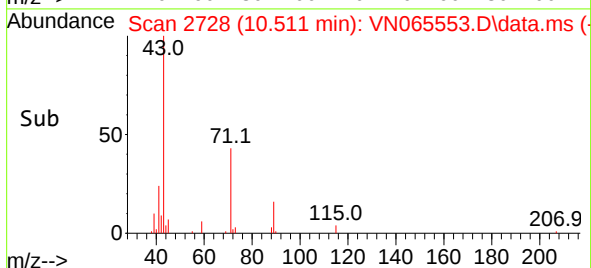
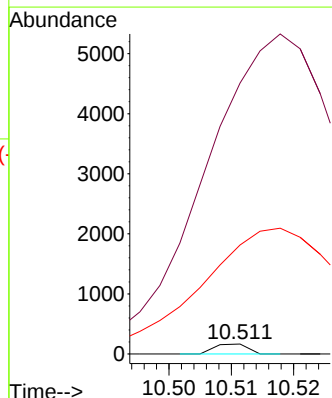
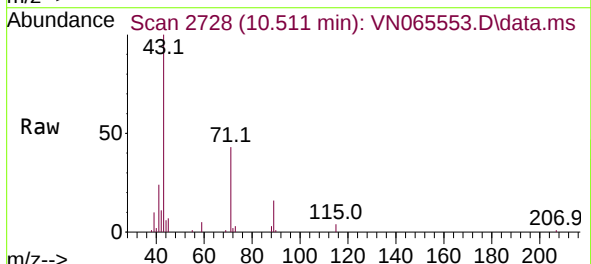
Instrument :
 MSVOA_N
 ClientSampled :
 PB134213TB

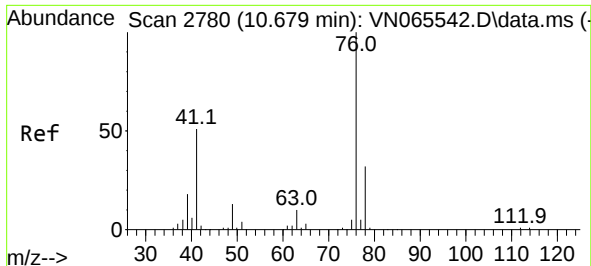
Tgt Ion: 75 Resp: 32396
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 24.2 35.6 53.4#



#56
 Ethyl methacrylate
 Concen: 2.15 ug/l
 RT: 10.511 min Scan# 2728
 Delta R.T. 0.109 min
 Lab File: VN065553.D
 Acq: 19 Jan 2021 13:27

Tgt Ion: 69 Resp: 61
 Ion Ratio Lower Upper
 69 100
 41 14283.6 49.4 74.0#
 39 5662.3 25.9 38.9#

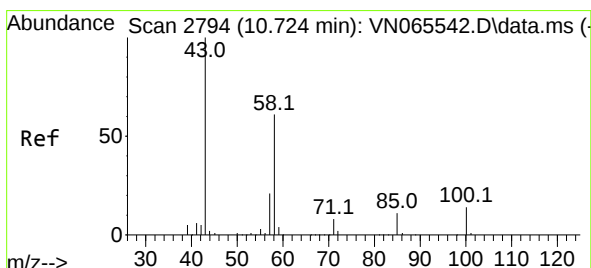
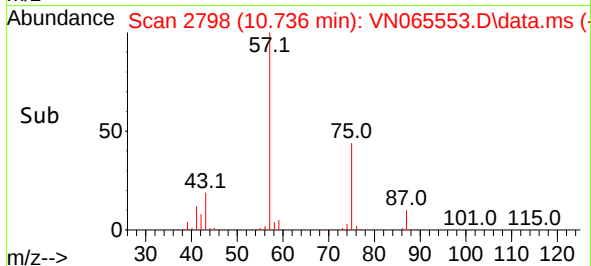
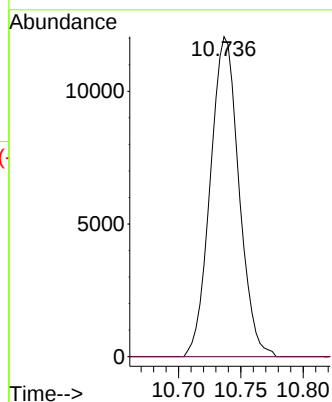
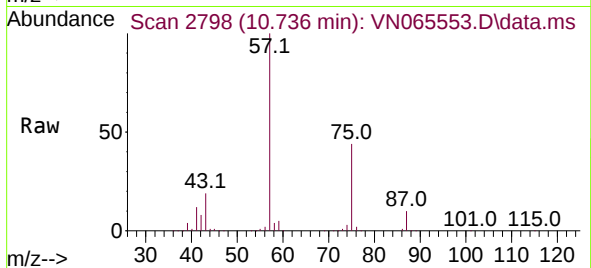




#57
1,3-Dichloropropane
Concen: 5.28 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

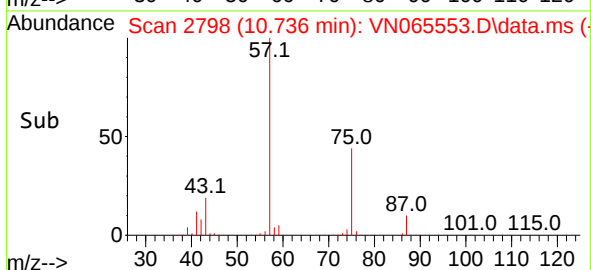
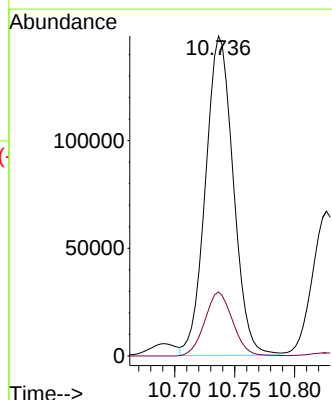
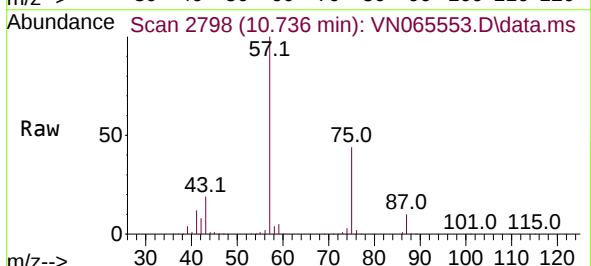
Instrument :
MSVOA_N
ClientSampled :
PB134213TB

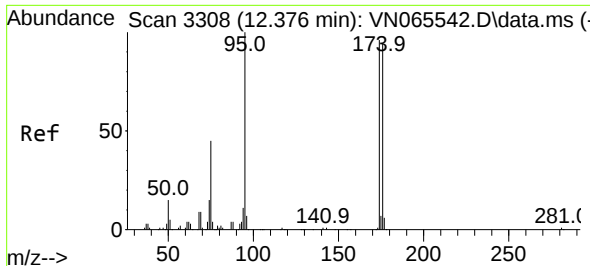
Tgt Ion: 76 Resp: 19315
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 141.52 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Tgt Ion: 43 Resp: 239065
Ion Ratio Lower Upper
43 100
58 20.2 28.3 84.9#

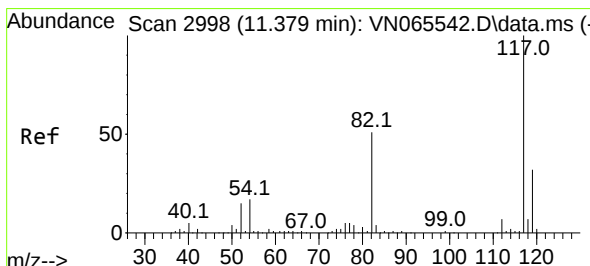
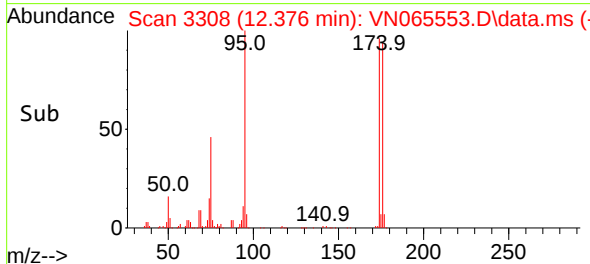
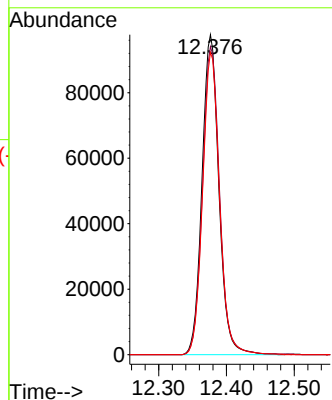
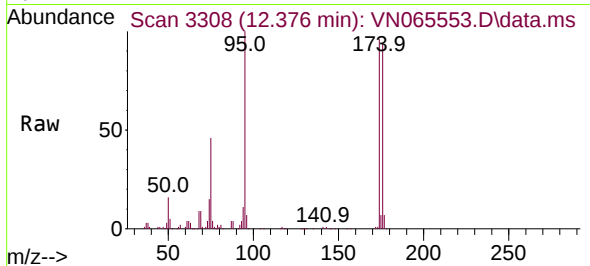




#62
4-Bromofluorobenzene
Concen: 58.93 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

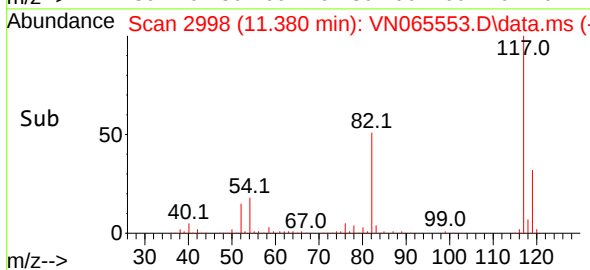
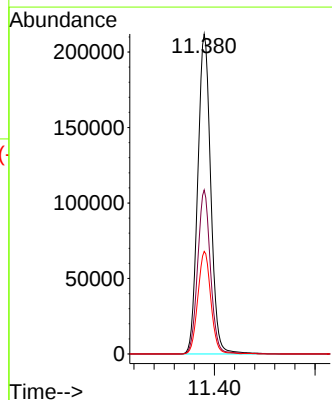
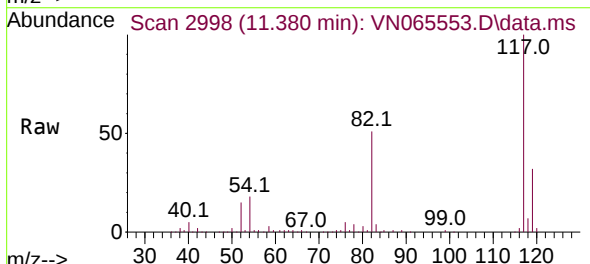
Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

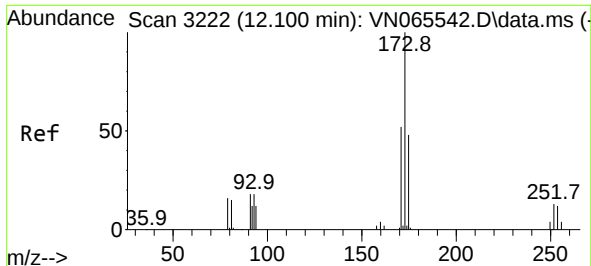
Tgt Ion:	95	Resp:	168935
Ion Ratio	Lower	Upper	
95	100		
174	97.5	0.0	160.4
176	94.9	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

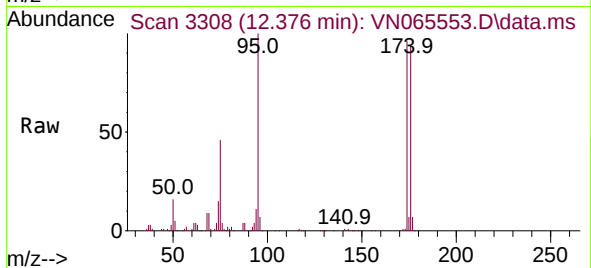
Tgt Ion:	117	Resp:	379403
Ion Ratio	Lower	Upper	
117	100		
82	51.2	44.2	66.2
119	32.0	25.8	38.6



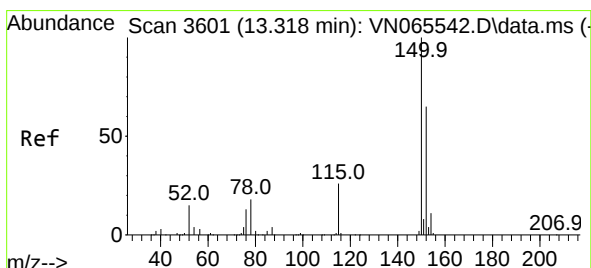
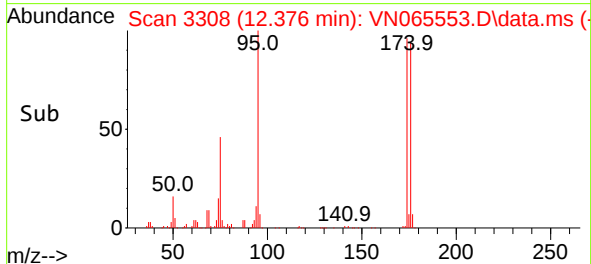
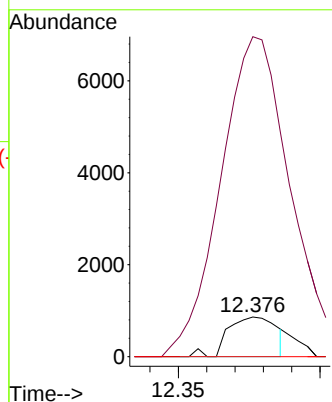


#71
Bromoform
Concen: 3.19 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

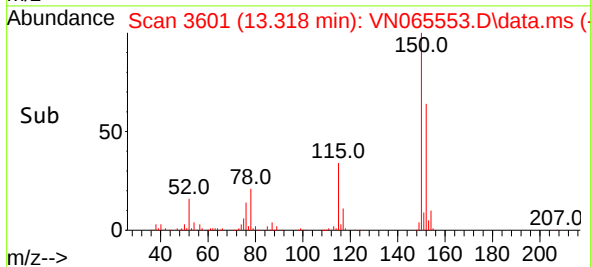
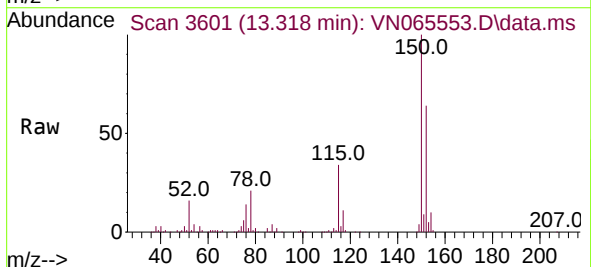
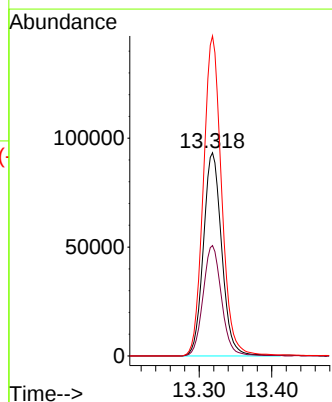


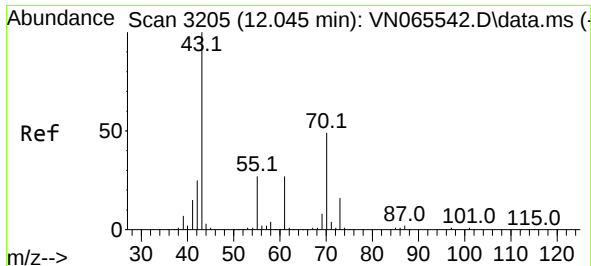
Tgt Ion:173 Resp: 1025
Ion Ratio Lower Upper
173 100
175 935.9 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Tgt Ion:152 Resp: 163982
Ion Ratio Lower Upper
152 100
115 54.5 29.7 89.1
150 157.3 0.0 350.6

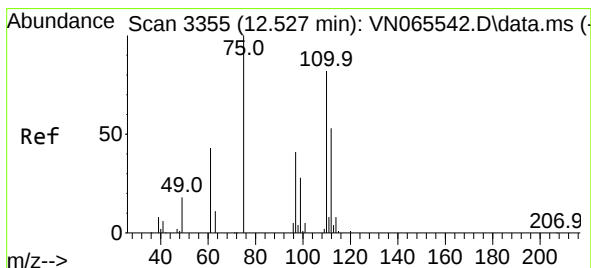
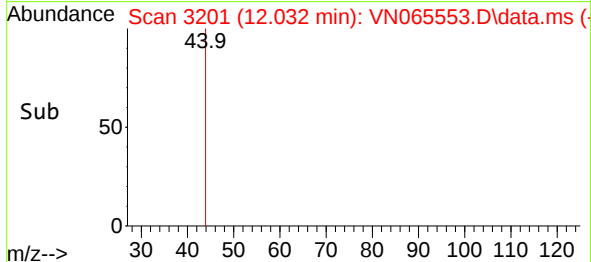
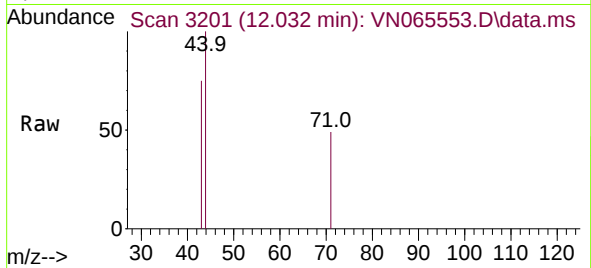




#74
N-amy1 acetate
Concen: 0.26 ug/l
RT: 12.032 min Scan# 3201
Delta R.T. -0.013 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

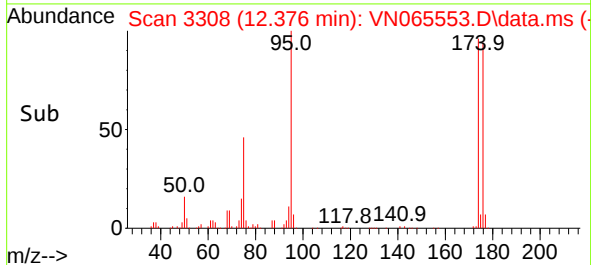
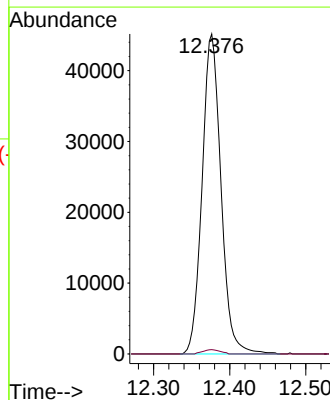
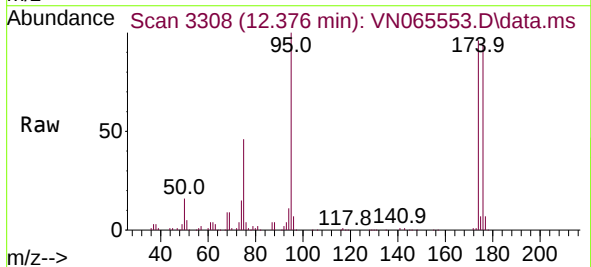
Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

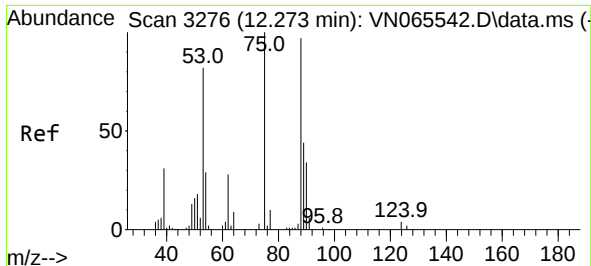
Tgt Ion: 43	Resp: 899
Ion Ratio	Lower Upper
43 100	
70 0.0	34.5 51.7#
55 0.0	20.4 30.6#
61 0.0	20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 26.22 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Tgt Ion: 75	Resp: 77870
Ion Ratio	Lower Upper
75 100	
77 1.2	0.0 0.0#

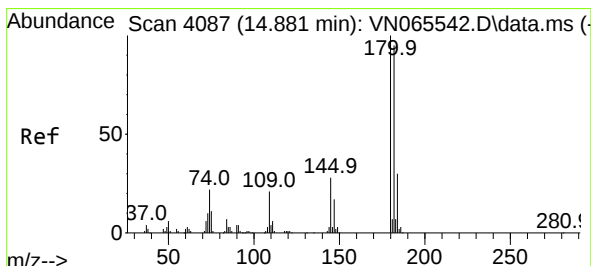
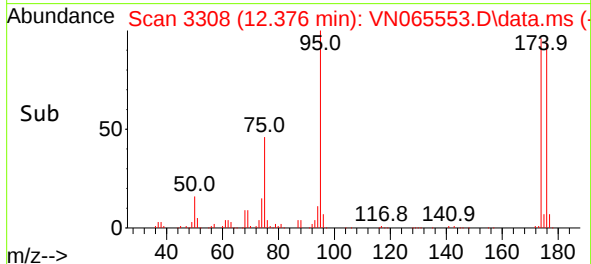
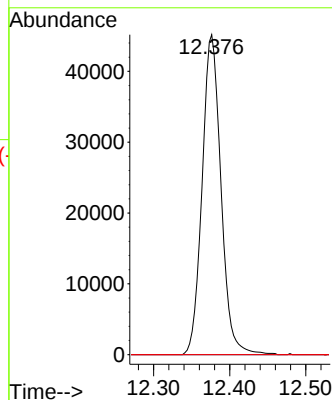
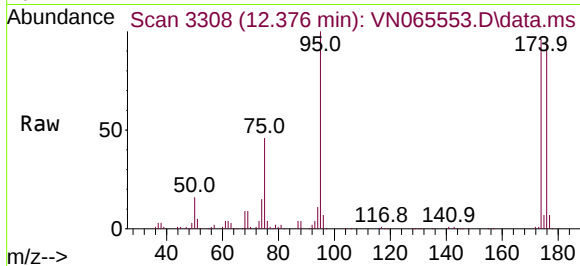




#81
trans-1,4-Dichloro-2-butene
Concen: 76.22 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

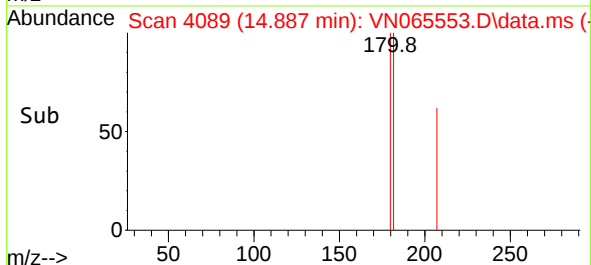
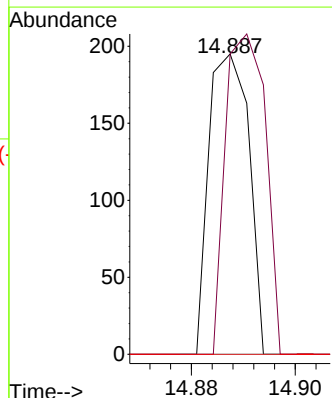
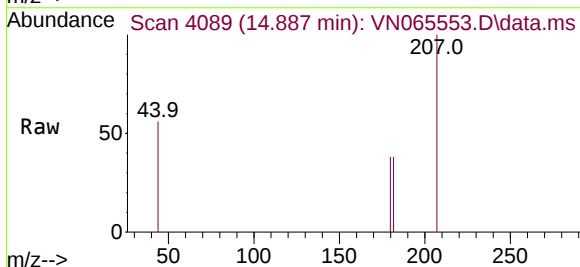
Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

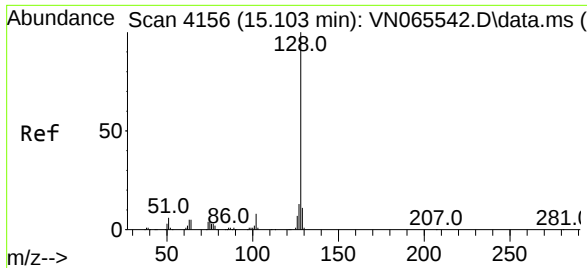
Tgt Ion: 75 Resp: 77870
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.85 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.006 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Tgt Ion:180 Resp: 104
Ion Ratio Lower Upper
180 100
182 106.7 47.6 142.9
145 0.0 15.3 45.8#

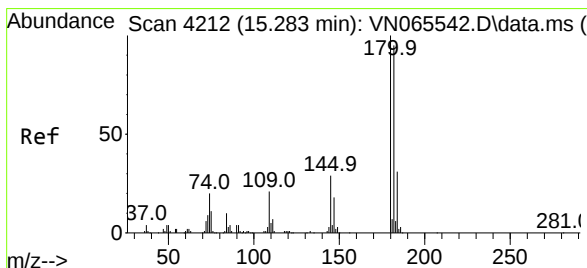
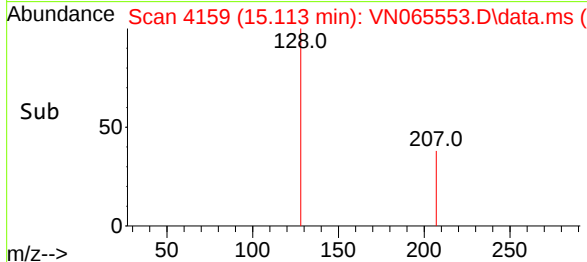
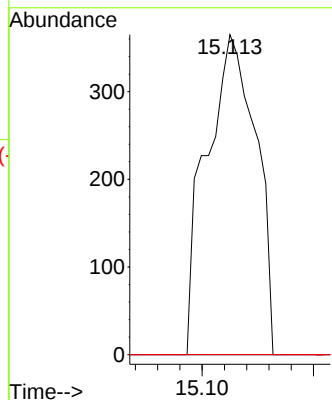
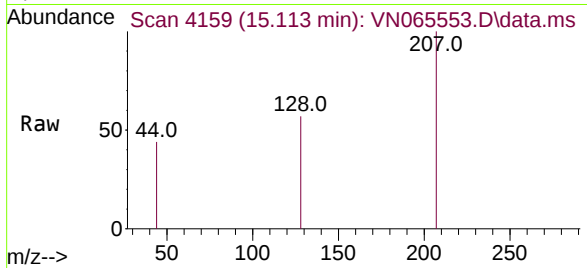




#95
Naphthalene
Concen: 3.28 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.010 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

Tgt Ion:128 Resp: 565
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.64 ug/l
RT: 15.286 min Scan# 4213
Delta R.T. 0.003 min
Lab File: VN065553.D
Acq: 19 Jan 2021 13:27

Tgt Ion:180 Resp: 229
Ion Ratio Lower Upper
180 100
182 91.3 48.1 144.4
145 0.0 16.4 49.1#

