

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010421\
 Data File : VN065371.D
 Acq On : 4 Jan 2021 12:09
 Operator : JC/MD
 Sample : L5252-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jan 05 00:56:38 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)

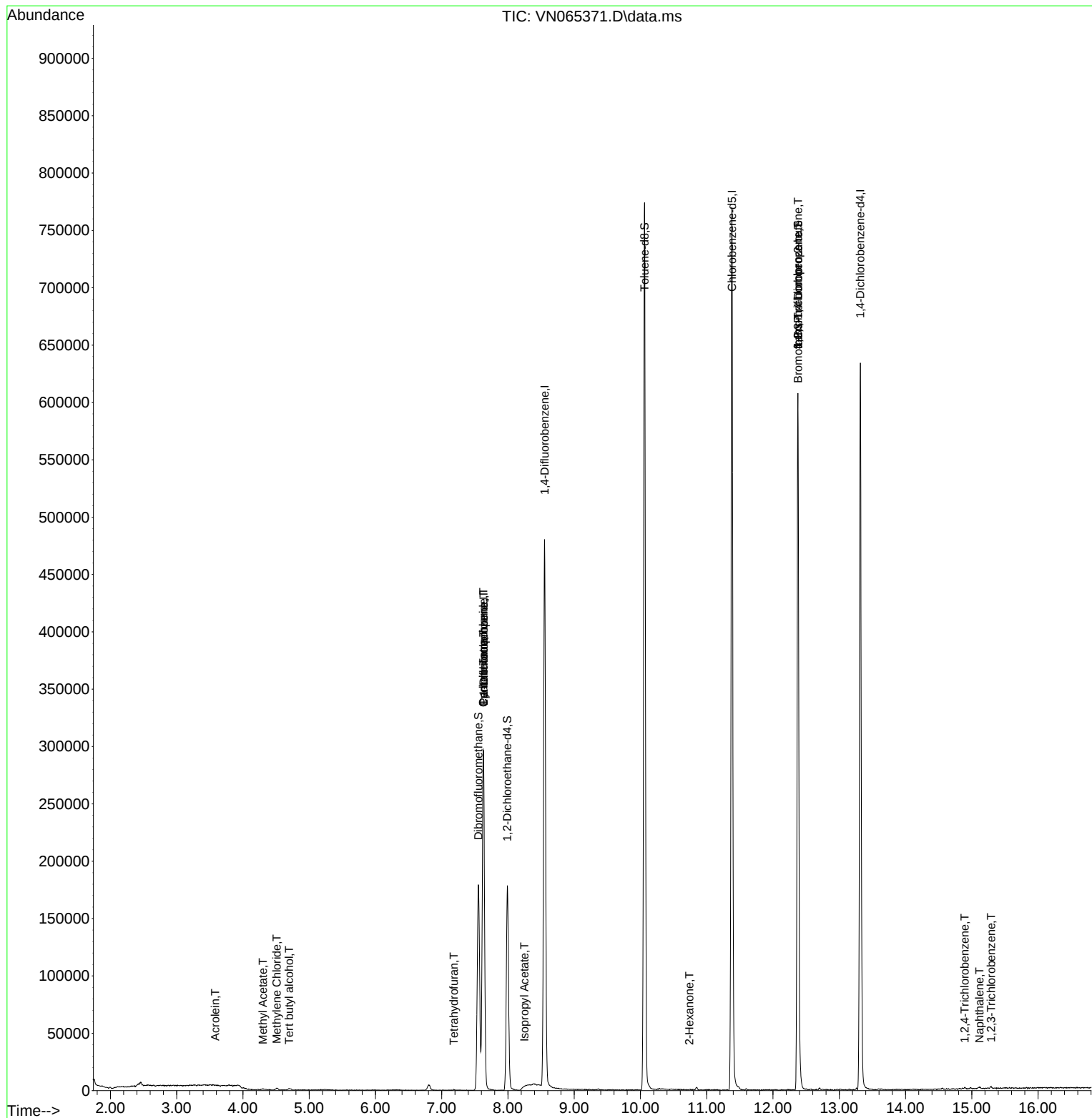
Internal Standards						
1) Pentafluorobenzene	7.630	168	271691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	460287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	482530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	195957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	154483	50.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.74%			
35) Dibromofluoromethane	7.553	113	139682	50.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.60%			
50) Toluene-d8	10.061	98	568279	54.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.20%			
62) 4-Bromofluorobenzene	12.376	95	217879	52.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.26%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.695	59	775	1.54	ug/l #	73
13) Acrolein	3.582	56	273	3.21	ug/l	87
16) Acetone	3.798	43	460	Below Cal	#	43
18) Methyl Acetate	4.303	43	1814	0.66	ug/l #	50
20) Methylene Chloride	4.512	84	1081	0.36	ug/l	94
29) Tetrahydrofuran	7.183	42	558	0.50	ug/l #	32
31) Cyclohexane	7.627	56	4668	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	17182	4.11	ug/l #	49
38) Carbon Tetrachloride	7.627	117	22674	5.16	ug/l #	17
43) Isopropyl Acetate	8.248	43	3080	0.43	ug/l #	59
59) 2-Hexanone	10.736	43	817	0.28	ug/l #	23
71) Bromoform	12.379	173	1349	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	105157	26.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	105157	66.33	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.894	180	779	3.02	ug/l #	77
95) Naphthalene	15.116	128	2117	3.57	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.292	180	973	3.47	ug/l #	86

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

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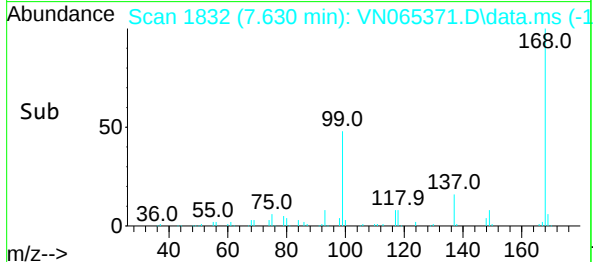
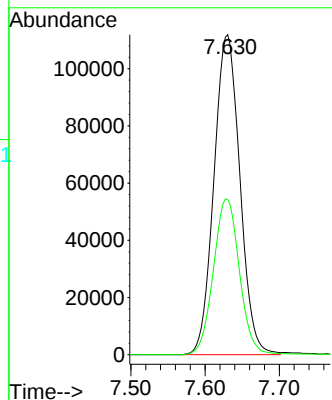
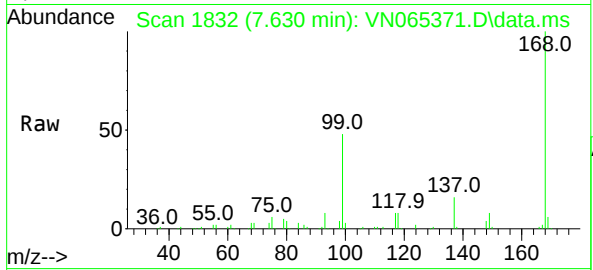




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

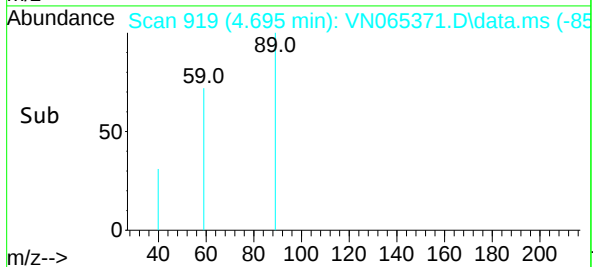
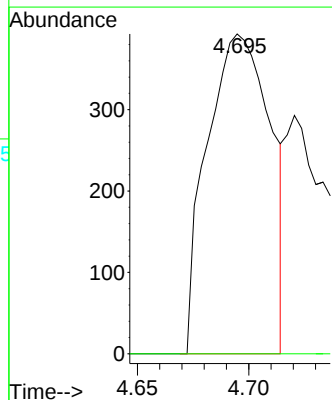
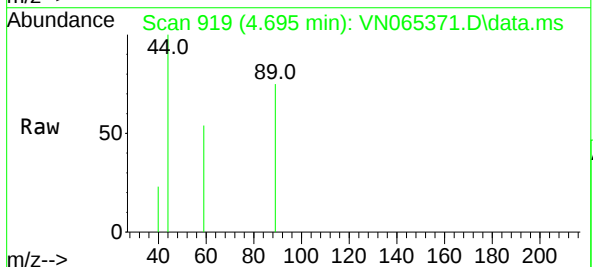
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

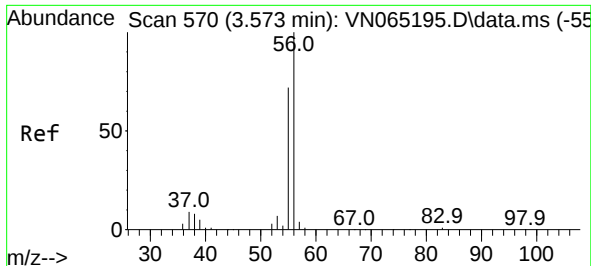
Tgt Ion:168 Resp: 271691
Ion Ratio Lower Upper
168 100
99 48.5 43.0 64.4



#11
Tert butyl alcohol
Concen: 1.54 ug/l
RT: 4.695 min Scan# 919
Delta R.T. -0.077 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

Tgt Ion: 59 Resp: 775
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

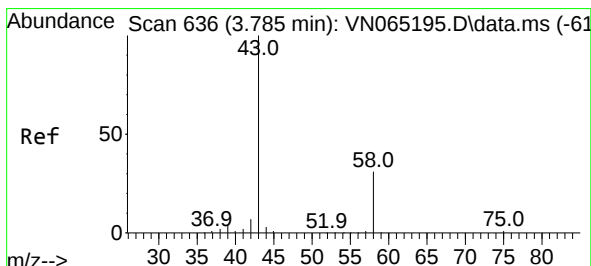
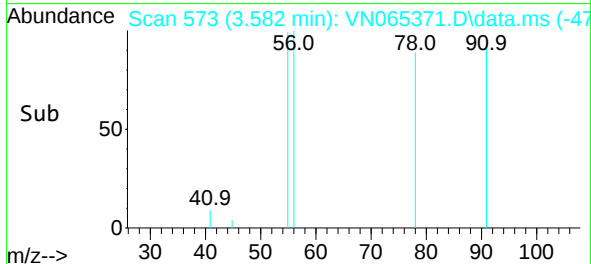
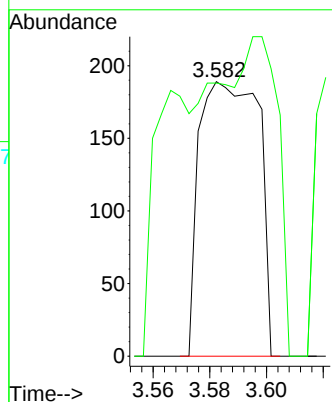
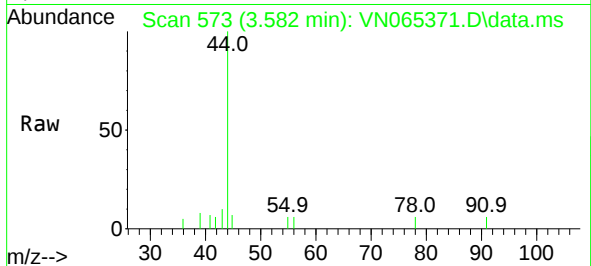




#13
Acrolein
Concen: 3.21 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.009 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

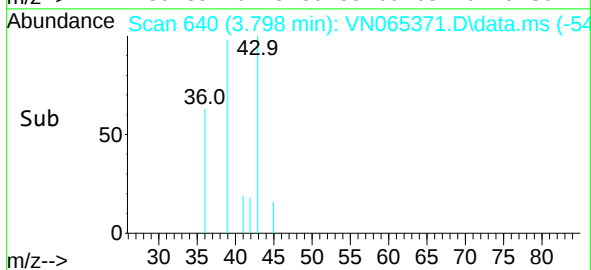
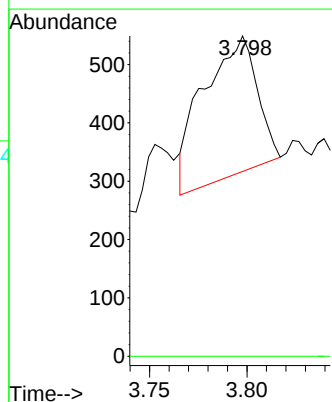
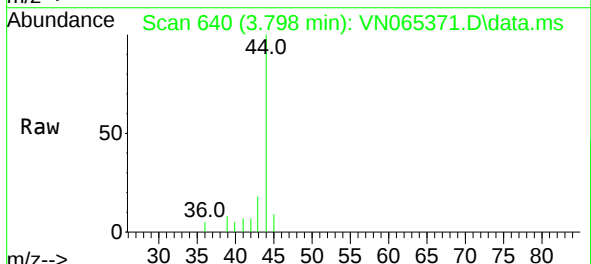
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

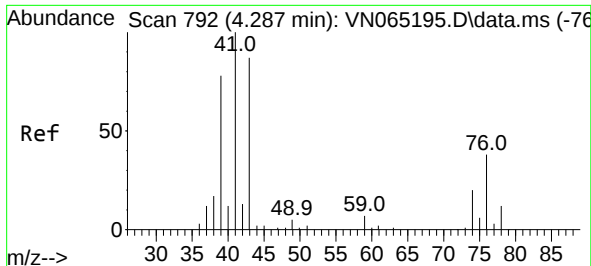
Tgt Ion: 56 Resp: 273
Ion Ratio Lower Upper
56 100
55 59.7 56.5 84.7



#16
Acetone
Concen: Below Cal
RT: 3.798 min Scan# 640
Delta R.T. 0.013 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#

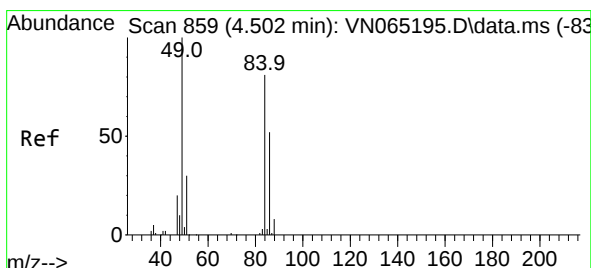
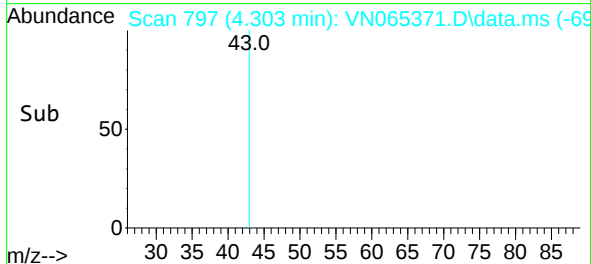
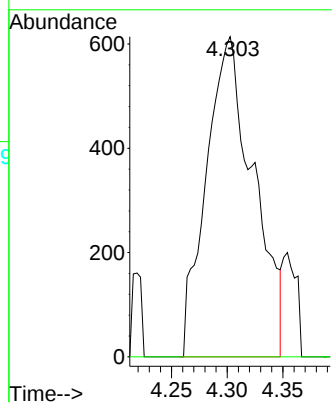
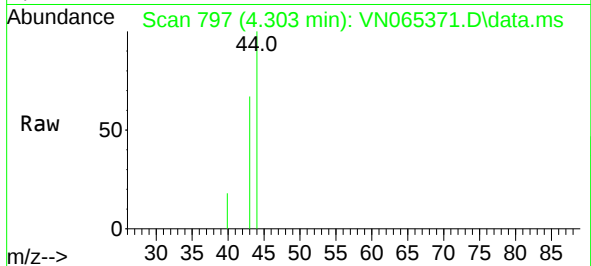




#18
Methyl Acetate
Concen: 0.66 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.016 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

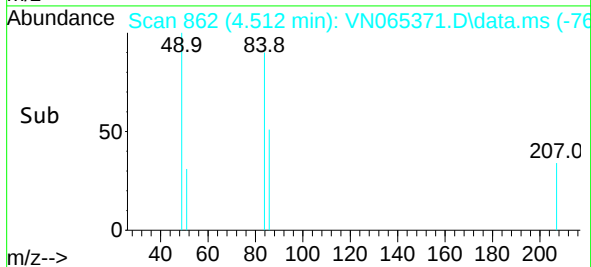
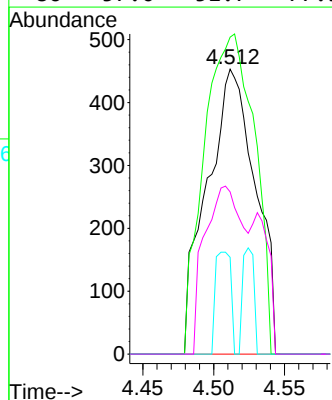
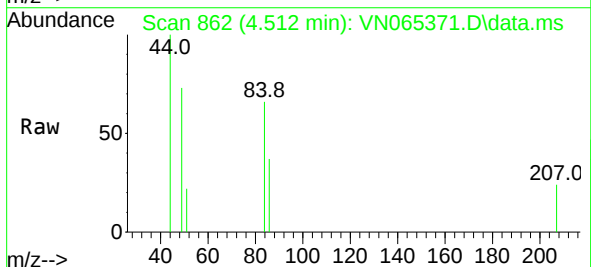
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

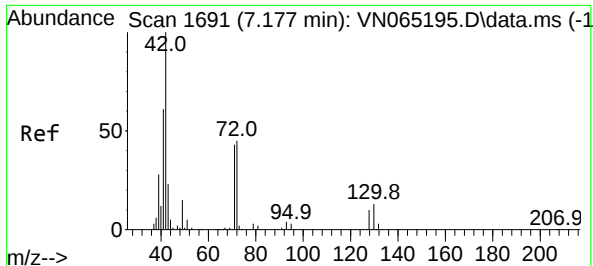
Tgt Ion: 43 Resp: 1814
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.36 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

Tgt Ion: 84 Resp: 1081
Ion Ratio Lower Upper
84 100
49 111.3 93.4 140.0
51 34.0 28.2 42.4
86 57.0 51.7 77.5





#29

Tetrahydrofuran

Concen: 0.50 ug/l

RT: 7.183 min Scan# 1693

Delta R.T. 0.006 min

Lab File: VN065371.D

Acq: 4 Jan 2021 12:09

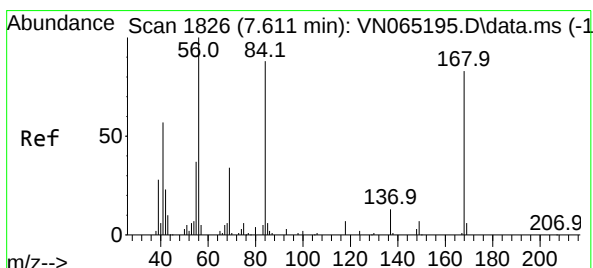
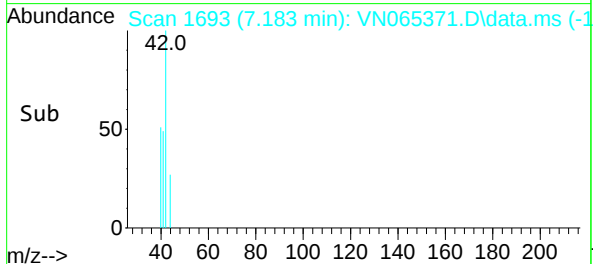
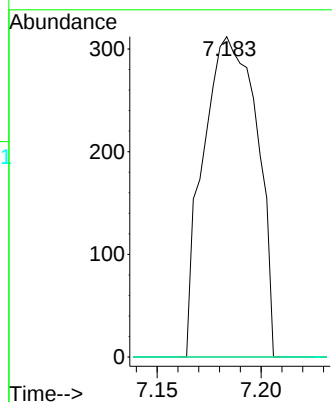
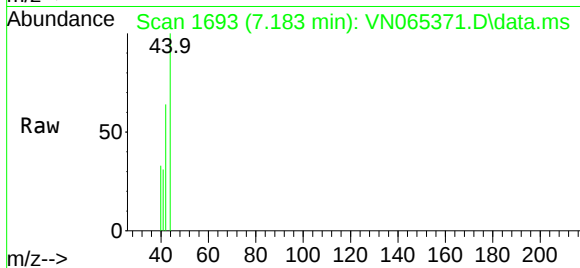
Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

Tgt Ion:	42	Resp:	558
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 1.03 ug/l

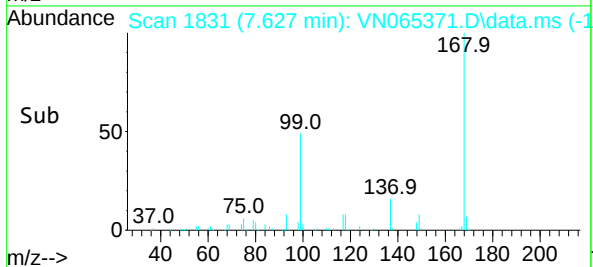
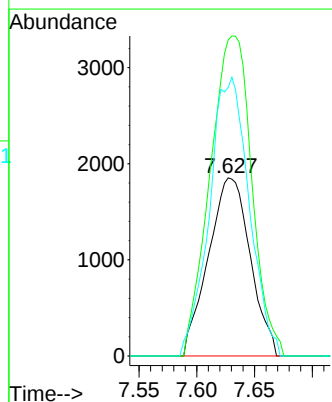
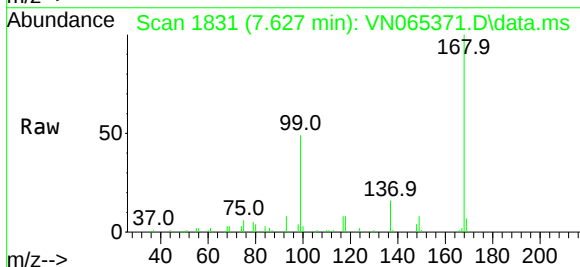
RT: 7.627 min Scan# 1831

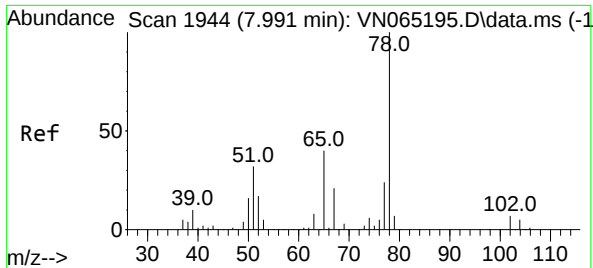
Delta R.T. 0.016 min

Lab File: VN065371.D

Acq: 4 Jan 2021 12:09

Tgt Ion:	56	Resp:	4668
Ion	Ratio	Lower	Upper
56	100		
69	177.5	27.5	41.3#
84	150.8	73.9	110.9#

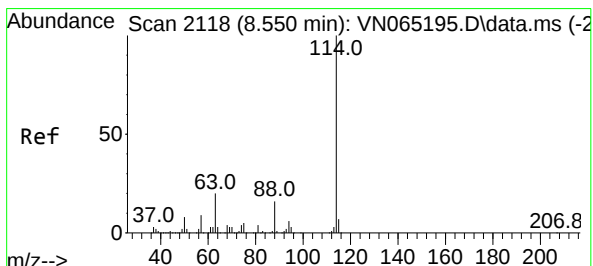
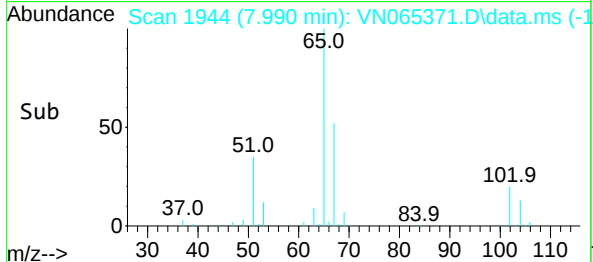
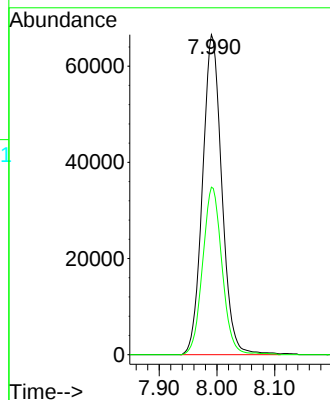
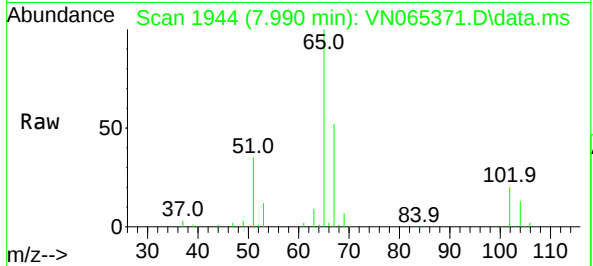




#33
1,2-Dichloroethane-d4
Concen: 50.37 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

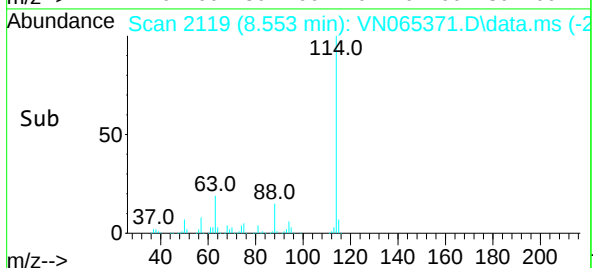
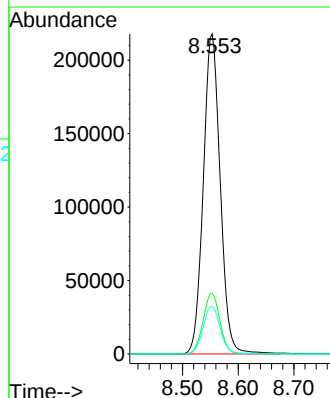
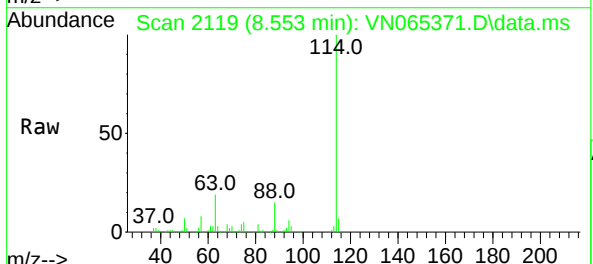
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 65 Resp: 154483
Ion Ratio Lower Upper
65 100
67 52.4 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: VN065371.D
Acq: 4 Jan 2021 12:09

Tgt Ion: 114 Resp: 460287
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 14.7 0.0 32.6

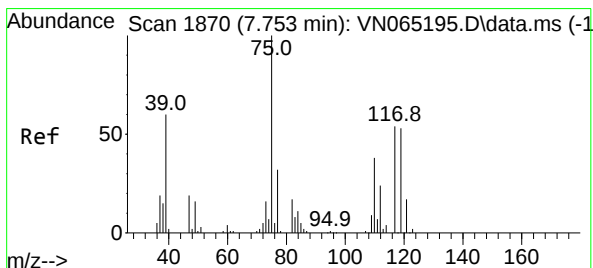
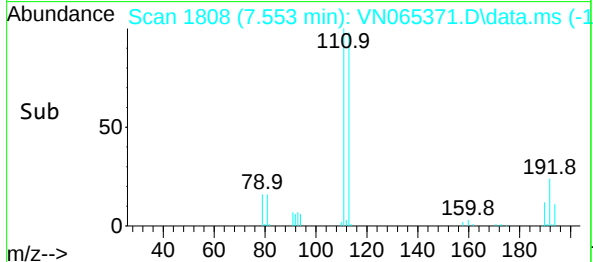
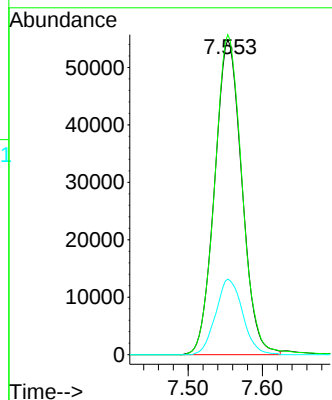
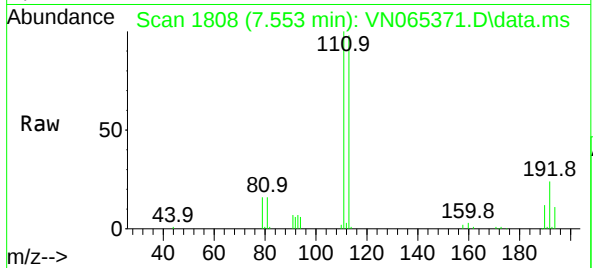




#35
Dibromofluoromethane
Concen: 50.30 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

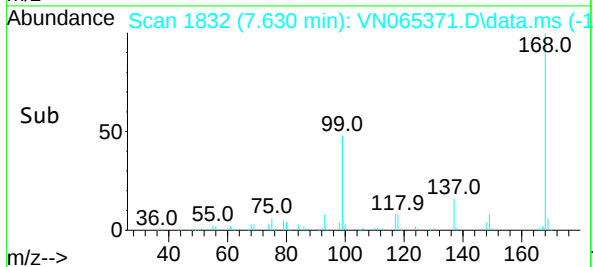
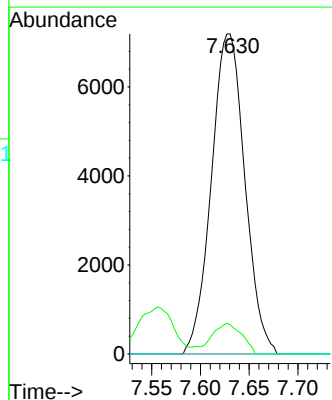
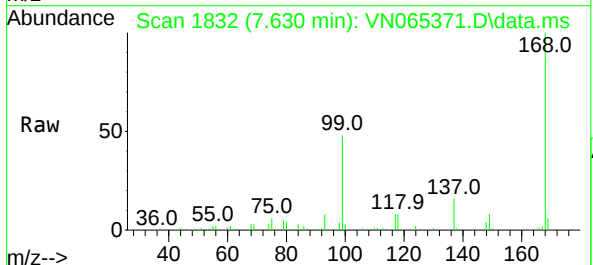
Instrument :
MSVOA_N
ClientSampleId :
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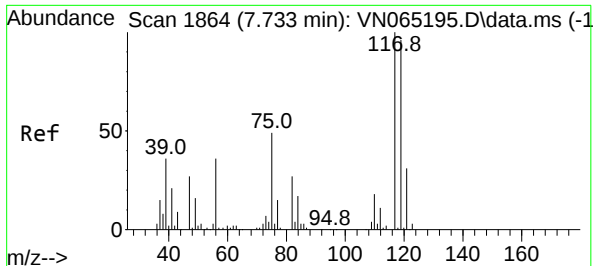
Tgt Ion:113 Resp: 139682
Ion Ratio Lower Upper
113 100
111 102.1 81.6 122.4
192 23.7 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

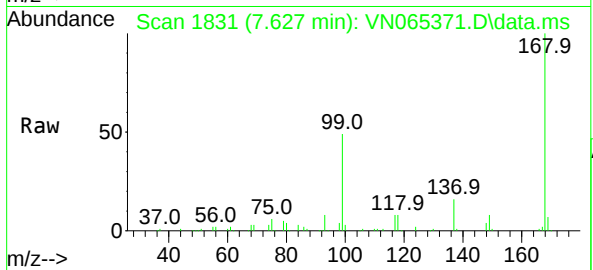
Tgt Ion: 75 Resp: 17182
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#



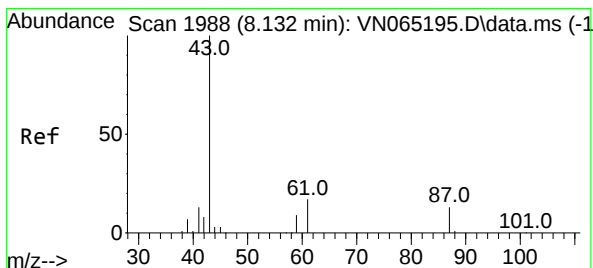
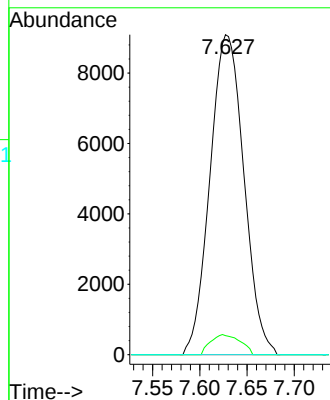
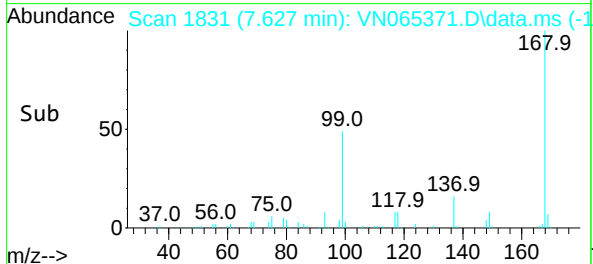


#38
Carbon Tetrachloride
Concen: 5.16 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

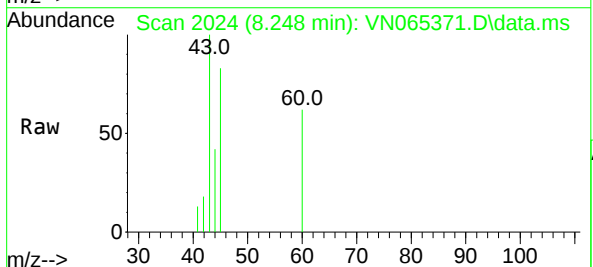
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MSVOA_N
ClientSampleId :
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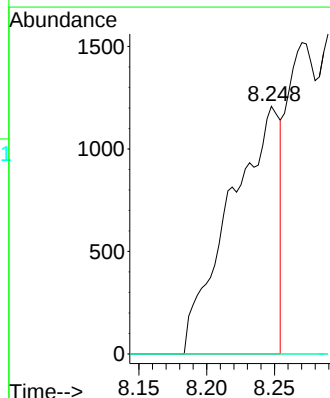
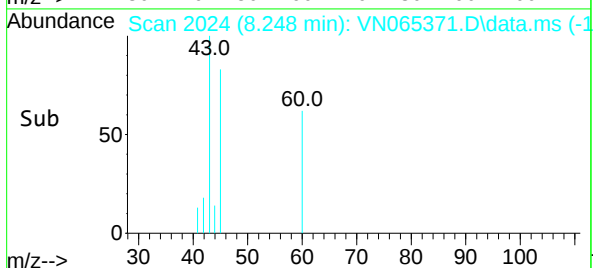
Tgt Ion:117 Resp: 22674
Ion Ratio Lower Upper
117 100
119 6.0 76.7 115.1#
121 0.0 25.4 38.2#

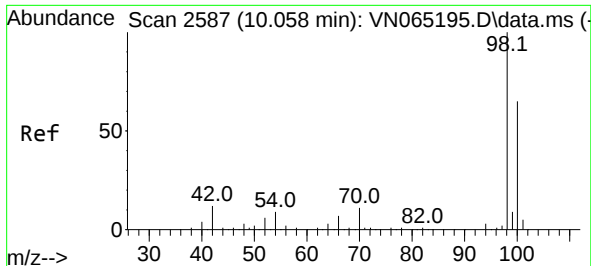


#43
Isopropyl Acetate
Concen: 0.43 ug/l
RT: 8.248 min Scan# 2024
Delta R.T. 0.116 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09



Tgt Ion: 43 Resp: 3080
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#

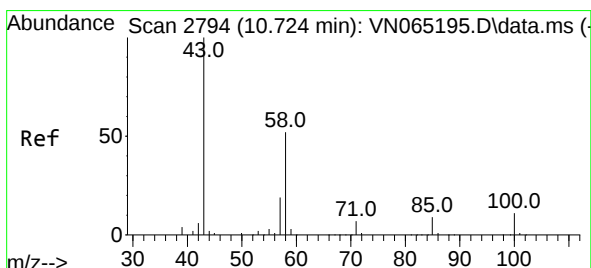
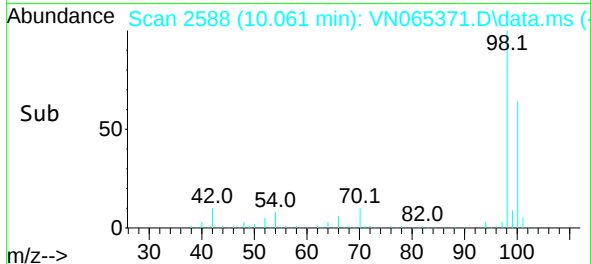
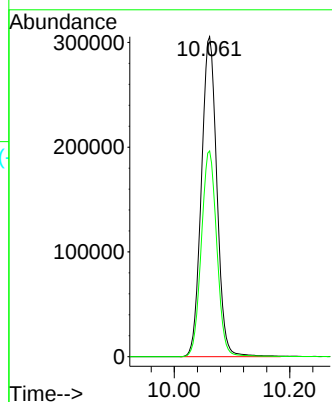
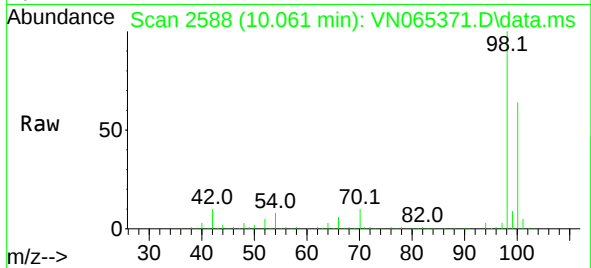




#50
Toluene-d8
Concen: 54.60 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

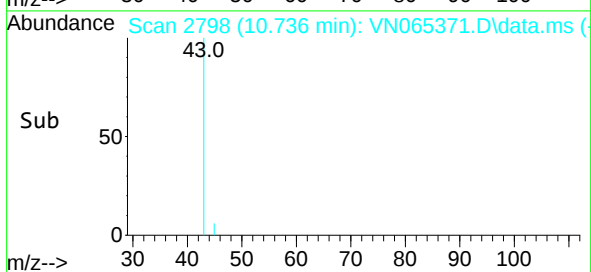
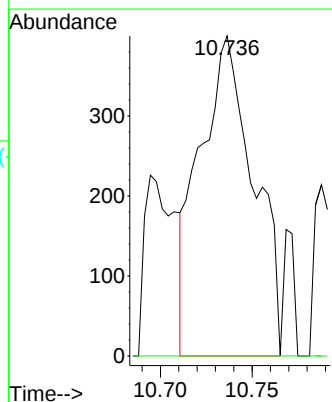
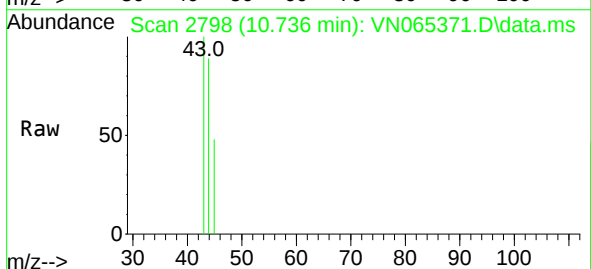
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ClientSampleId :
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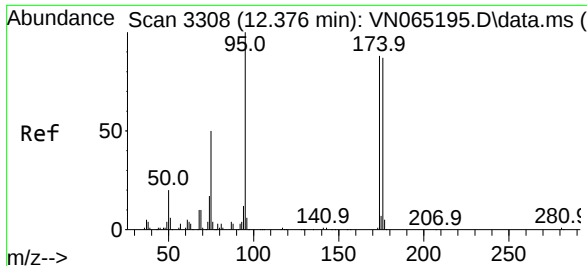
Tgt Ion: 98 Resp: 568279
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#59
2-Hexanone
Concen: 0.28 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

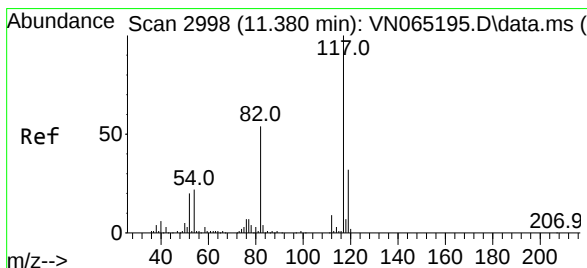
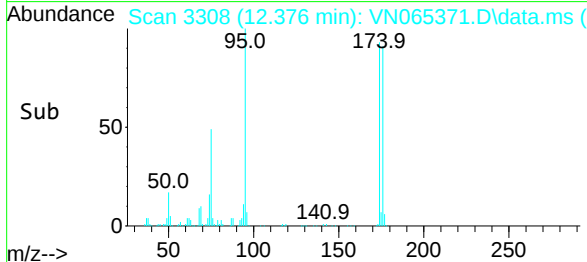
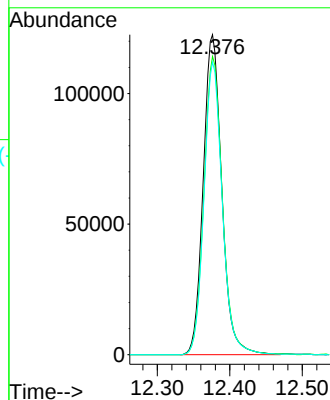
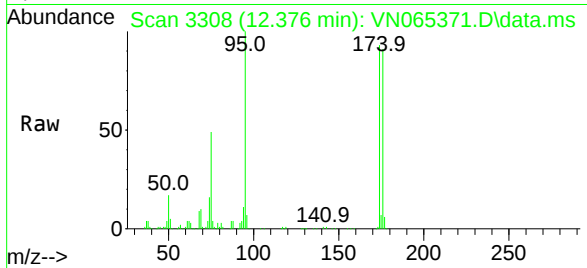




#62
4-Bromofluorobenzene
Concen: 52.63 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

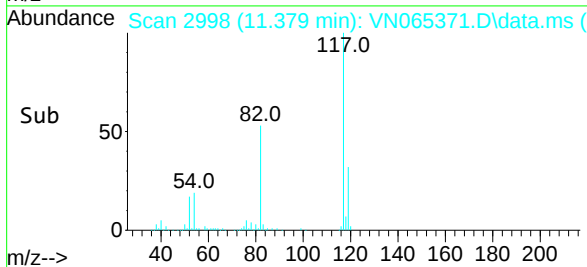
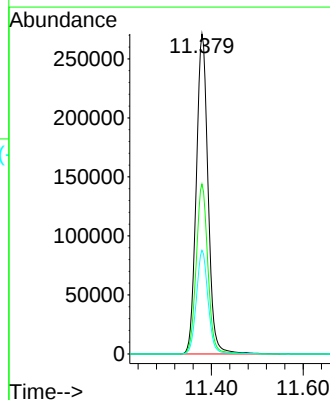
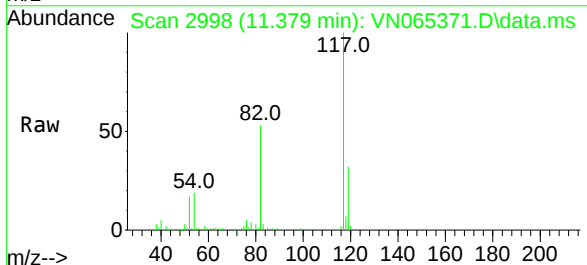
Instrument :
MSVOA_N
ClientSampleId :
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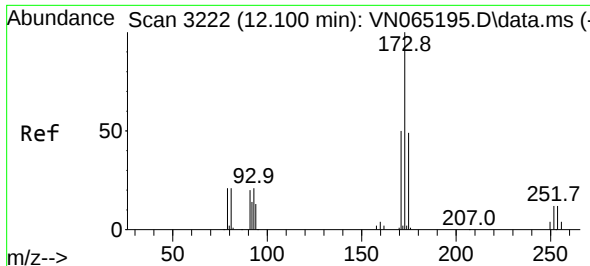
Tgt Ion: 95 Resp: 217879
Ion Ratio Lower Upper
95 100
174 92.9 0.0 160.4
176 90.2 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

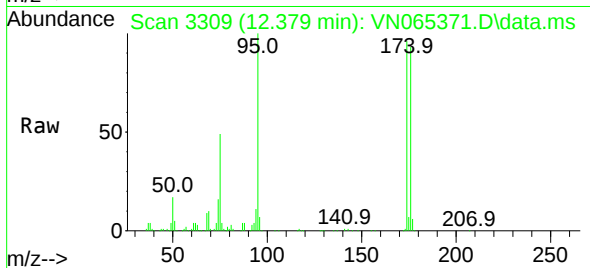
Tgt Ion: 117 Resp: 482530
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 32.4 25.8 38.6



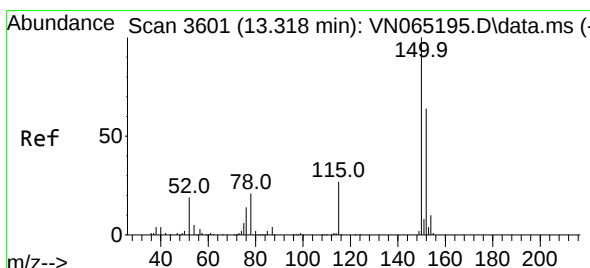
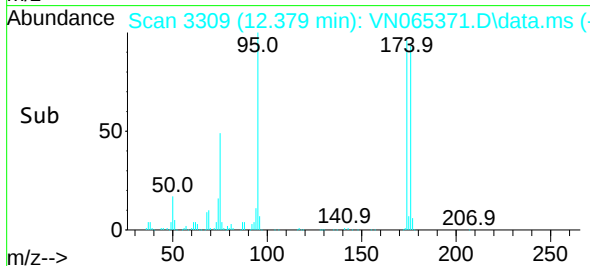
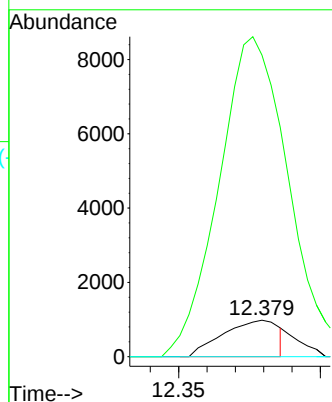


#71
Bromoform
Concen: 0.41 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.279 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

Instrument :
MSVOA_N
ClientSampleId :
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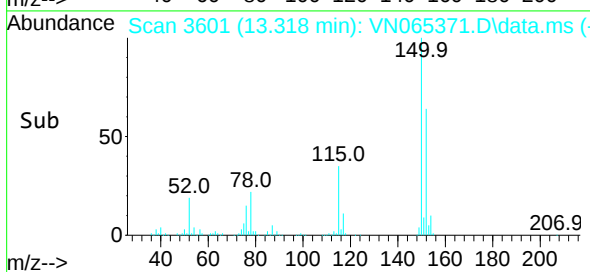
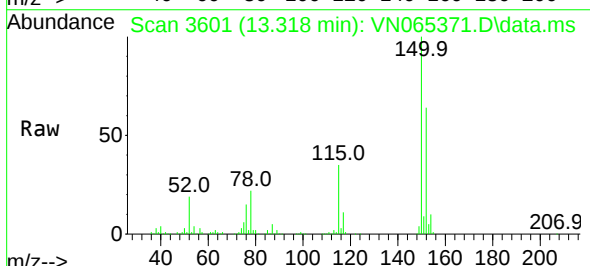
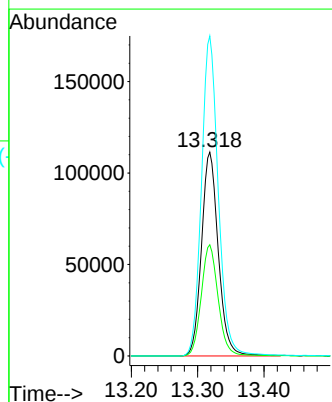


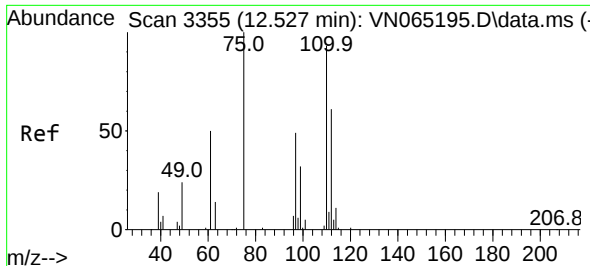
Tgt Ion:173 Resp: 1349
Ion Ratio Lower Upper
173 100
175 897.3 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

Tgt Ion:152 Resp: 195957
Ion Ratio Lower Upper
152 100
115 54.8 29.7 89.1
150 157.5 0.0 350.6

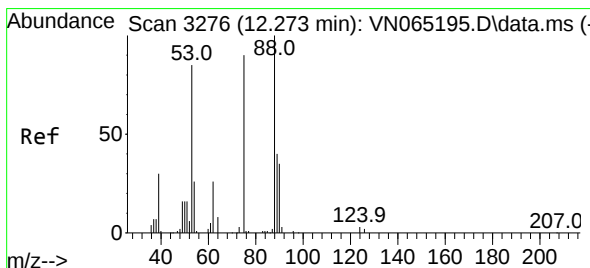
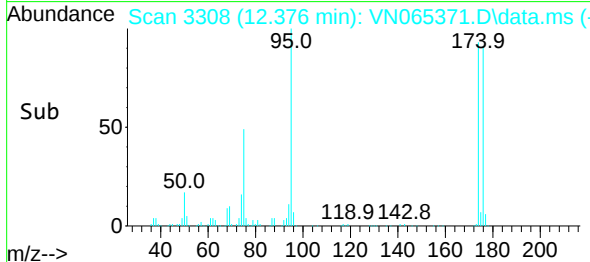
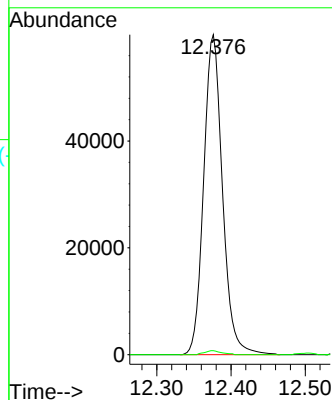
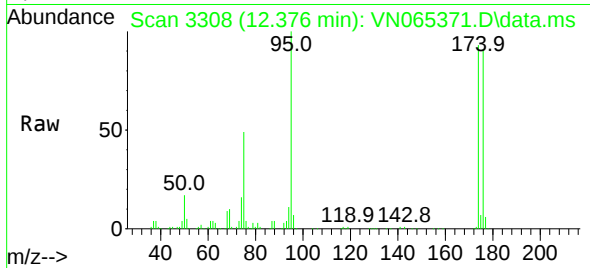




#76
1,2,3-Trichloropropane
Concen: 26.30 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

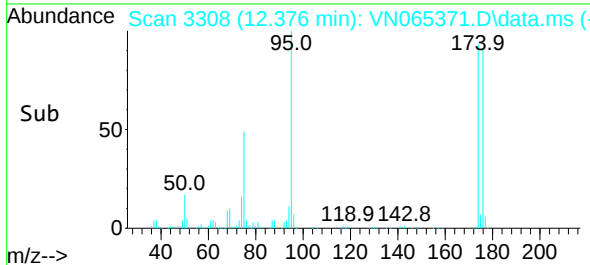
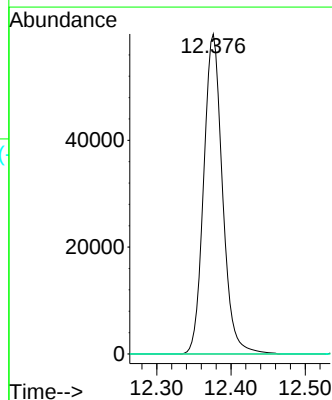
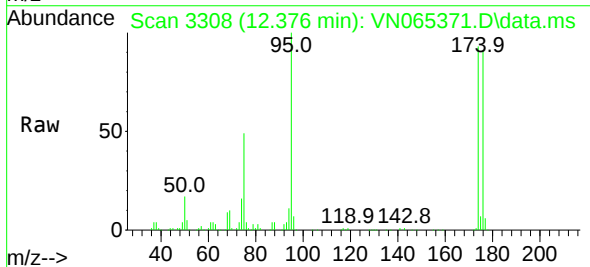
Instrument :
MSVOA_N
ClientSampleId :
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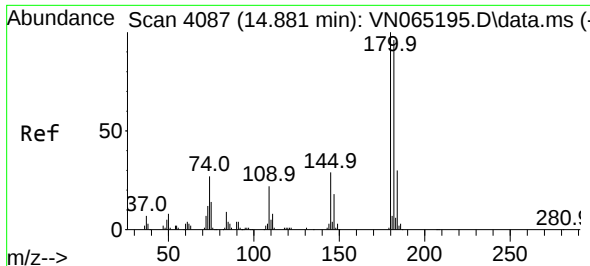
Tgt Ion: 75 Resp: 105157
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.33 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

Tgt Ion: 75 Resp: 105157
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

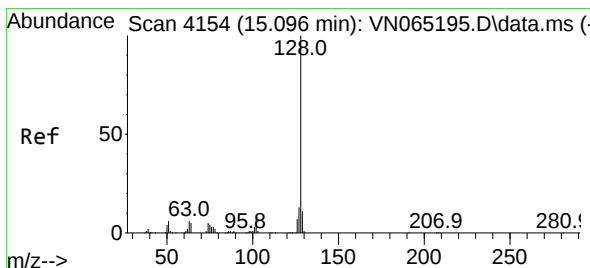
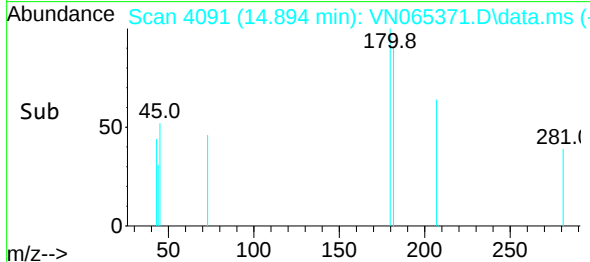
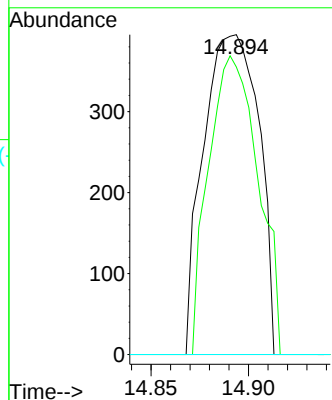
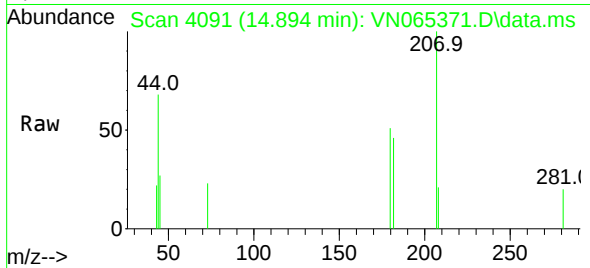




#93
1,2,4-Trichlorobenzene
Concen: 3.02 ug/l
RT: 14.894 min Scan# 4091
Delta R.T. 0.013 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

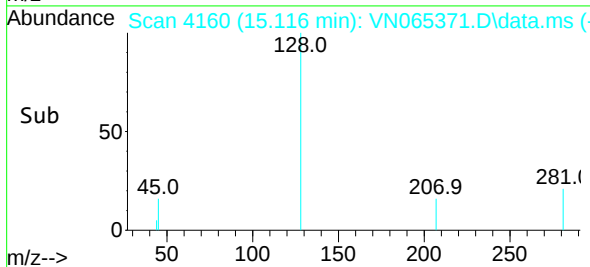
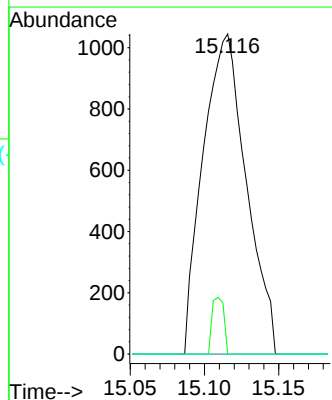
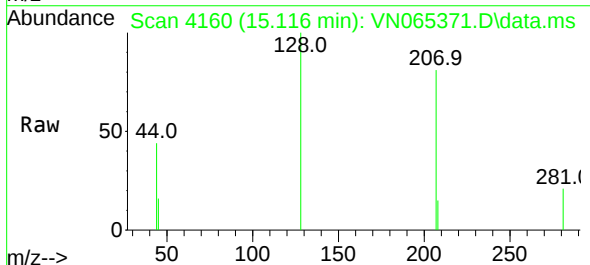
Instrument :
MSVOA_N
ClientSampled :
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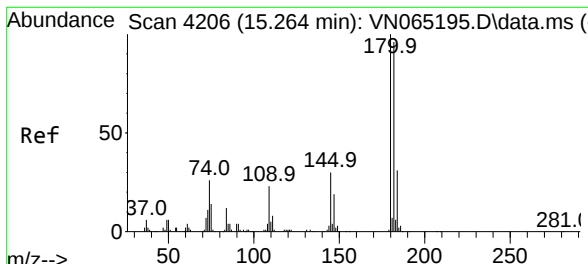
Tgt Ion:180 Resp: 779
Ion Ratio Lower Upper
180 100
182 83.6 47.6 142.9
145 0.0 15.3 45.8#



#95
Naphthalene
Concen: 3.57 ug/l
RT: 15.116 min Scan# 4160
Delta R.T. 0.020 min
Lab File: VN065371.D
Acq: 4 Jan 2021 12:09

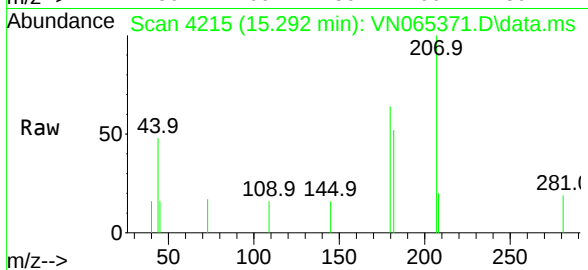
Tgt Ion:128 Resp: 2117
Ion Ratio Lower Upper
128 100
127 4.8 10.3 15.5#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.47 ug/l
 RT: 15.292 min Scan# 4215
 Delta R.T. 0.028 min
 Lab File: VN065371.D
 Acq: 4 Jan 2021 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK



Tgt Ion:180 Resp: 973
 Ion Ratio Lower Upper
 180 100
 182 99.7 48.1 144.4
 145 6.3 16.4 49.1#

