

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065828.D
 Acq On : 11 Feb 2021 21:01
 Operator : JC/MD
 Sample : M1384-01
 Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

Quant Time: Feb 12 01:32:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

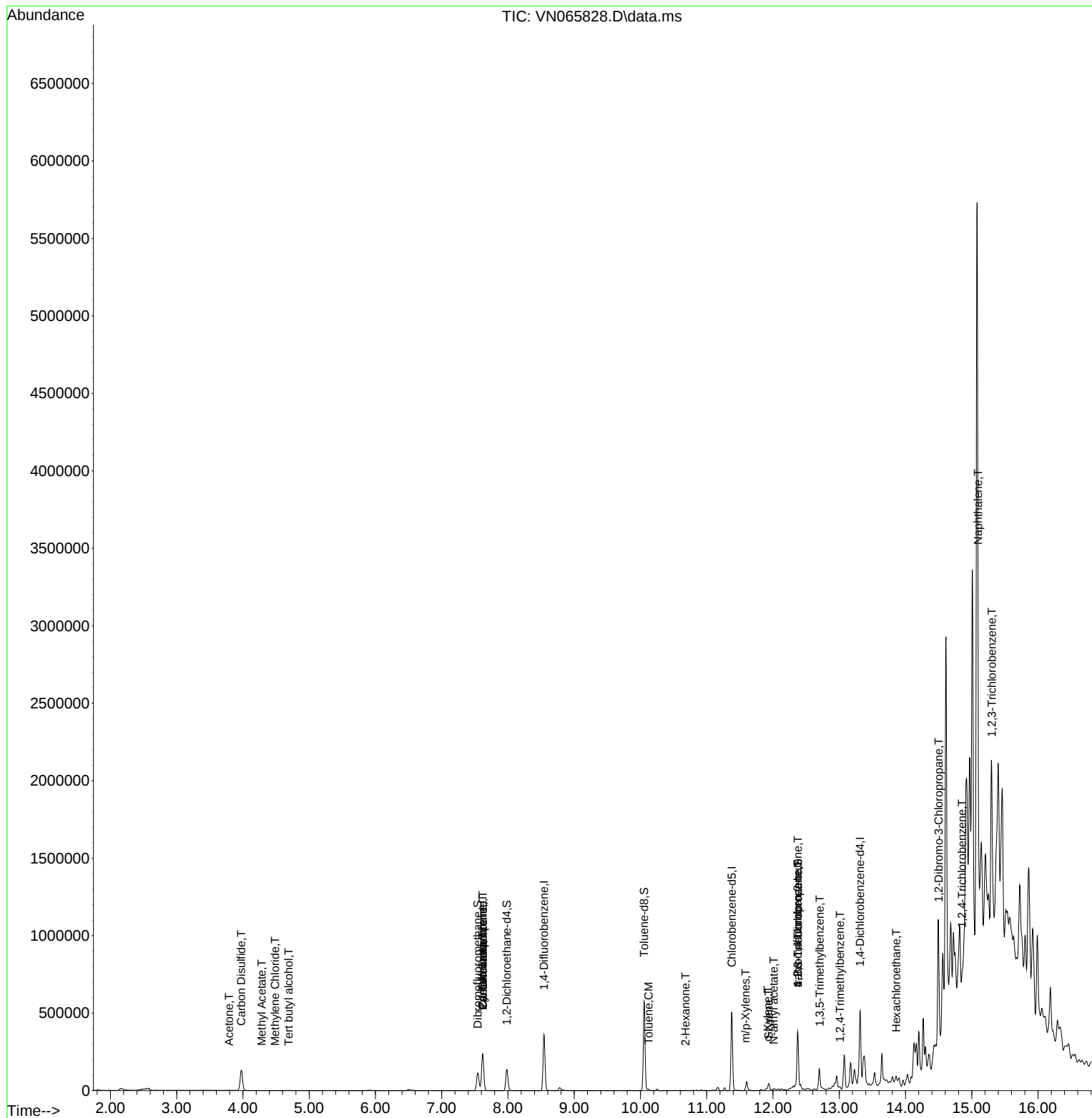
Internal Standards						
1) Pentafluorobenzene	7.621	168	200949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	341142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	311416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	134915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	116753	44.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.32%		
35) Dibromofluoromethane	7.544	113	96449	47.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.42%		
50) Toluene-d8	10.055	98	429311	54.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.06%		
62) 4-Bromofluorobenzene	12.373	95	152344	53.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.48%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.688	59	1914	3.87	ug/l #	73
16) Acetone	3.788	43	990	0.96	ug/l #	88
17) Carbon Disulfide	3.975	76	261855	34.00	ug/l	99
18) Methyl Acetate	4.283	43	649	0.23	ug/l #	51
20) Methylene Chloride	4.483	84	658	0.23	ug/l #	74
31) Cyclohexane	7.618	56	3717	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.618	75	14890	4.34	ug/l #	48
38) Carbon Tetrachloride	7.618	117	18567	6.57	ug/l #	17
52) Toluene	10.122	92	2856	0.46	ug/l	97
59) 2-Hexanone	10.682	43	1112	0.50	ug/l #	23
68) m/p-Xylenes	11.585	106	3206	0.72	ug/l	82
69) o-Xylene	11.923	106	1035	0.24	ug/l	93
70) Styrene	11.936	104	22801	3.23	ug/l	91
74) N-amyl acetate	12.013	43	2838	0.57	ug/l #	48
76) 1,2,3-Trichloropropane	12.373	75	68125	19.31	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	3615	0.36	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	68125	49.46	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.013	105	8344	0.83	ug/l	98
90) Hexachloroethane	13.862	117	760	0.43	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.502	75	174	0.25	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.852	180	524	3.54	ug/l #	13
95) Naphthalene	15.093	128	9670	4.48	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.302	180	5351	4.71	ug/l #	1

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

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Instrument :
MSVOA_N
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DRUM-1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
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Response via : Initial Calibration

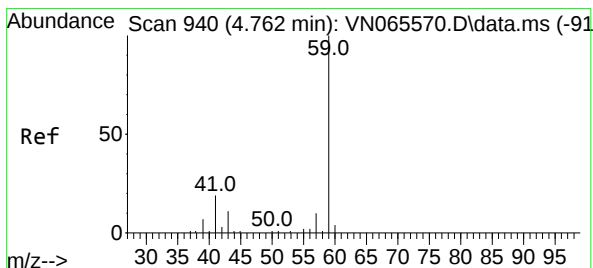
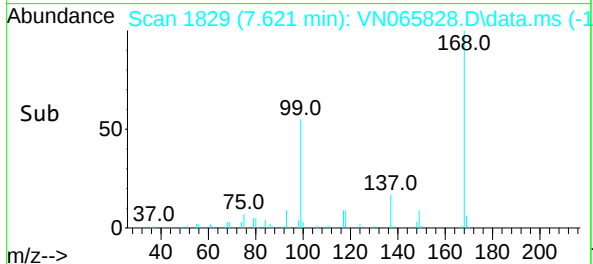
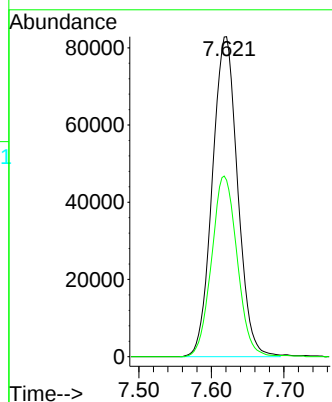
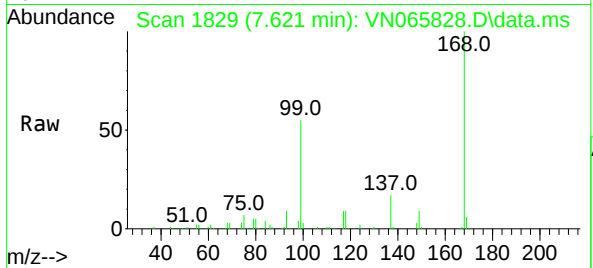




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

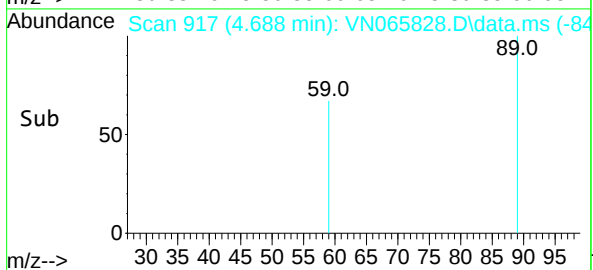
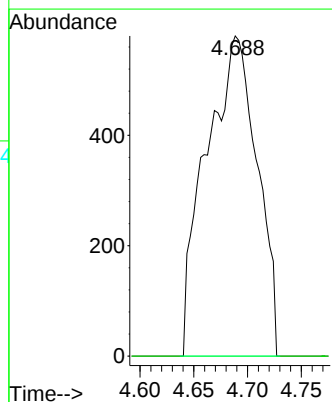
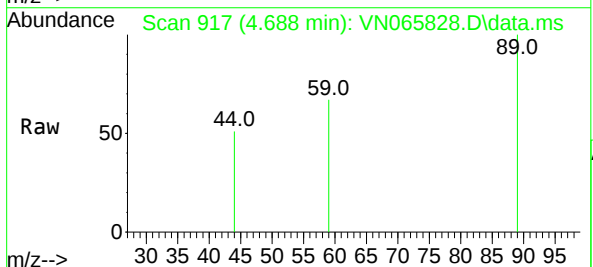
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tgt Ion:168 Resp: 200949
Ion Ratio Lower Upper
168 100
99 55.1 42.6 63.8



#11
Tert butyl alcohol
Concen: 3.87 ug/l
RT: 4.688 min Scan# 917
Delta R.T. -0.074 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion: 59 Resp: 1914
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

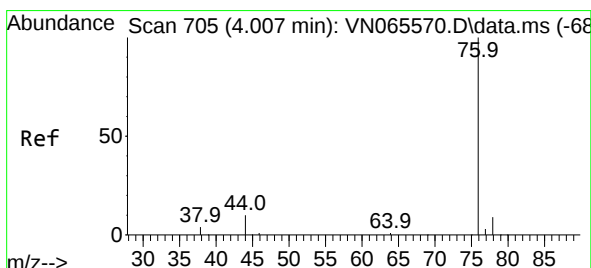
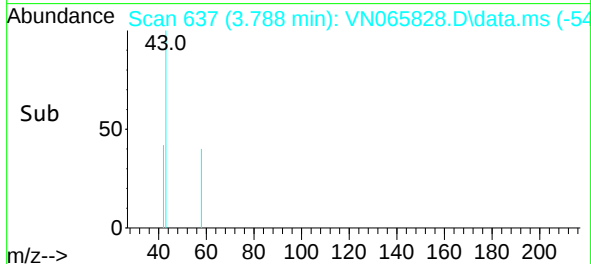
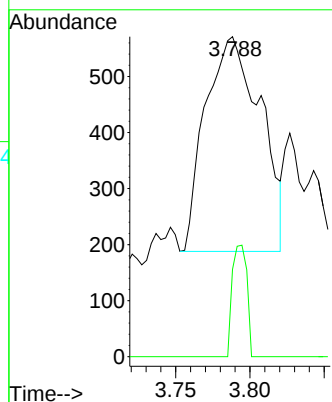
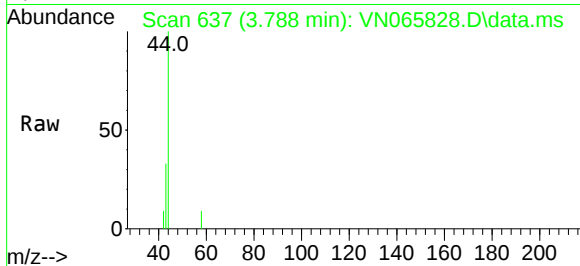




#16
Acetone
Concen: 0.96 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.006 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

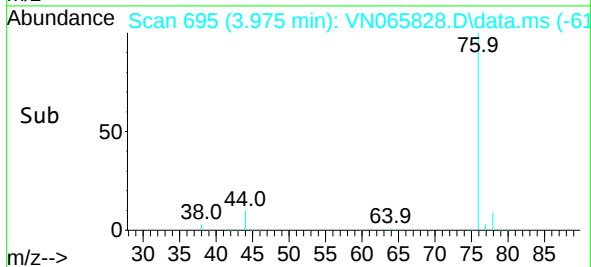
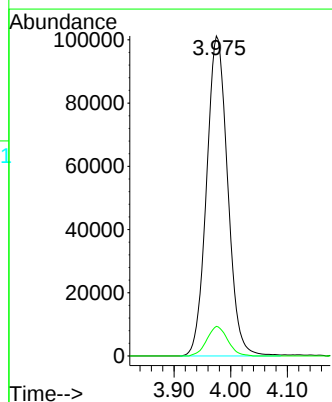
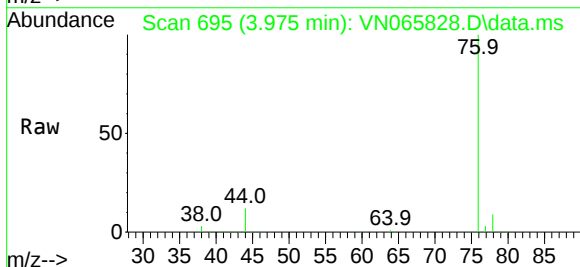
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

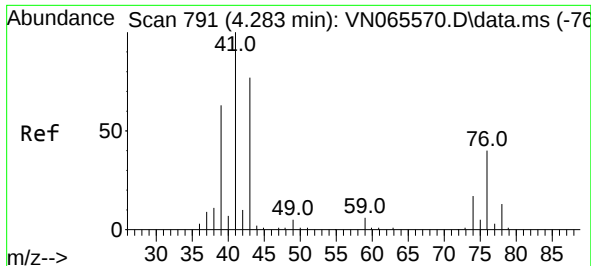
Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
58 40.7 27.0 40.6#



#17
Carbon Disulfide
Concen: 34.00 ug/l
RT: 3.975 min Scan# 695
Delta R.T. -0.032 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

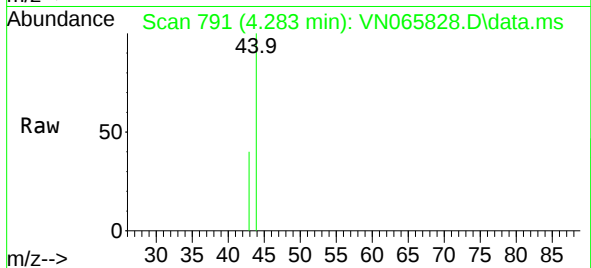
Tgt Ion: 76 Resp: 261855
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6



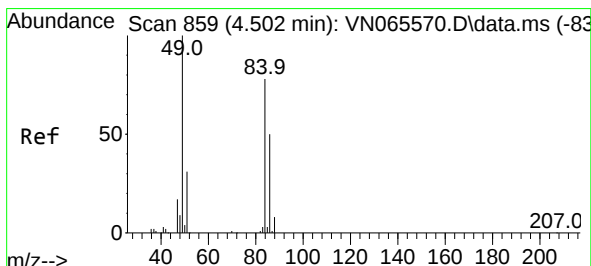
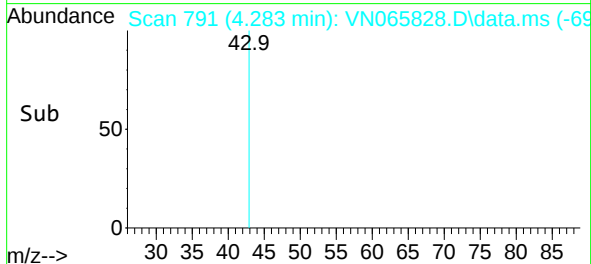
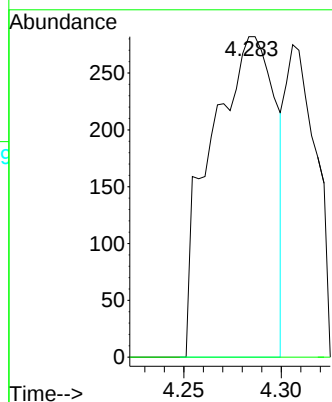


#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 4.283 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

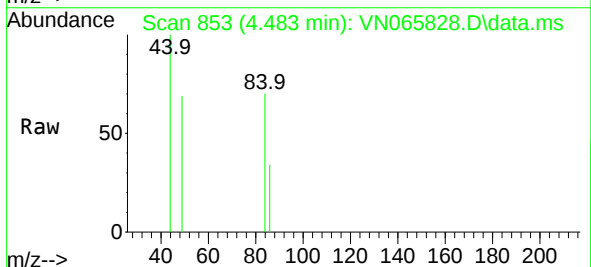
Instrument :
MSVOA_N
ClientSampled :
DRUM-1



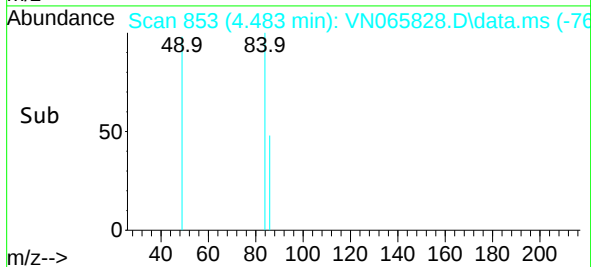
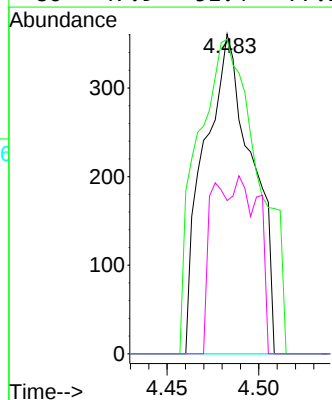
Tgt Ion: 43 Resp: 649
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

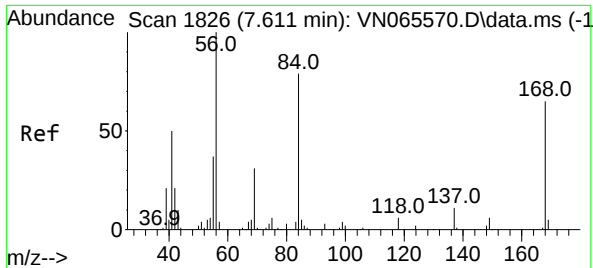


#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 4.483 min Scan# 853
Delta R.T. -0.019 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01



Tgt Ion: 84 Resp: 658
Ion Ratio Lower Upper
84 100
49 98.3 94.6 141.8
51 0.0 29.9 44.9#
86 47.9 51.4 77.2#

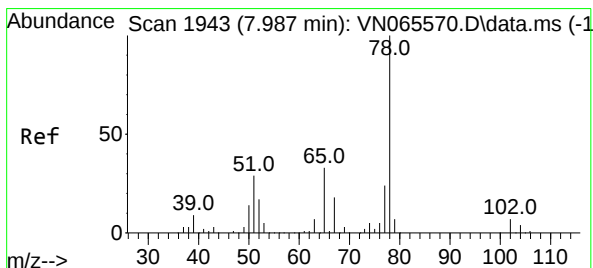
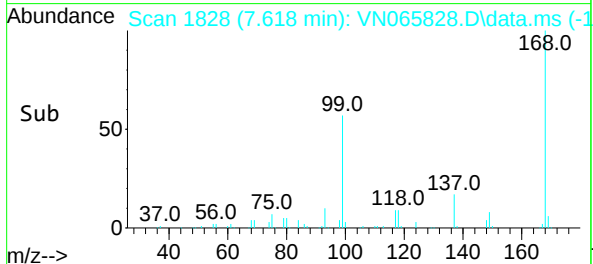
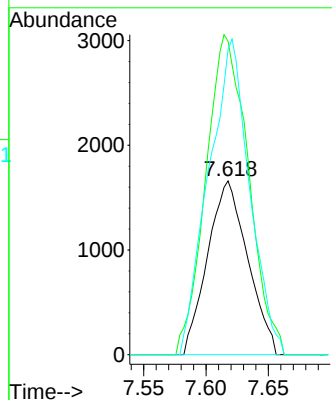
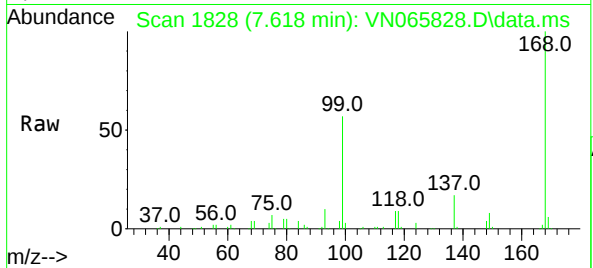




#31
Cyclohexane
Concen: 0.75 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

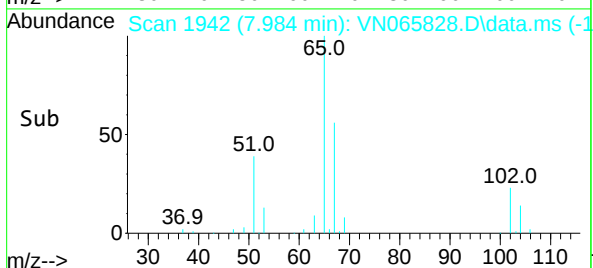
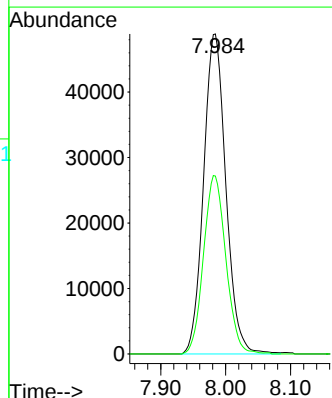
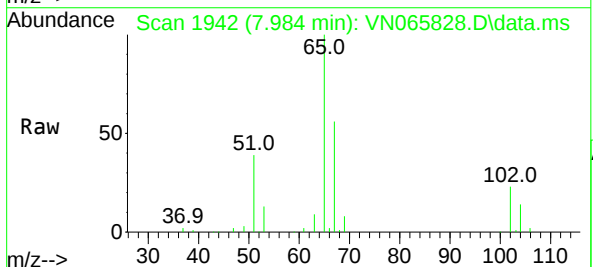
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

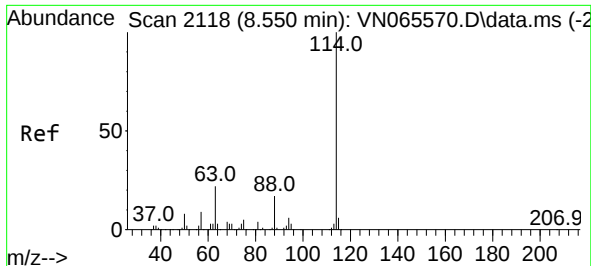
Tgt Ion: 56 Resp: 3717
Ion Ratio Lower Upper
56 100
69 169.7 26.6 39.8#
84 175.5 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 44.16 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion: 65 Resp: 116753
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2

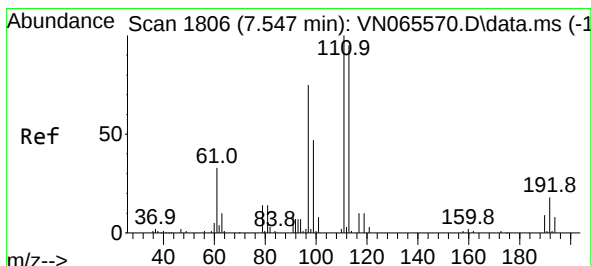
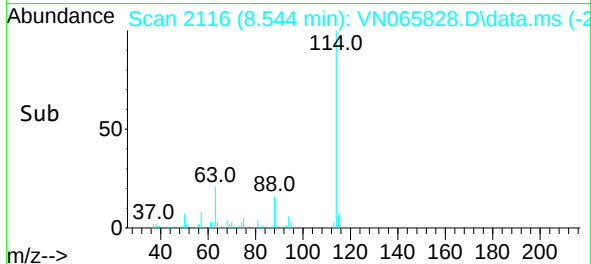
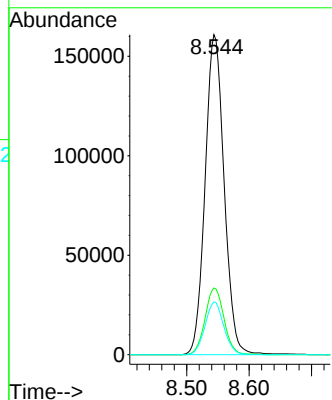
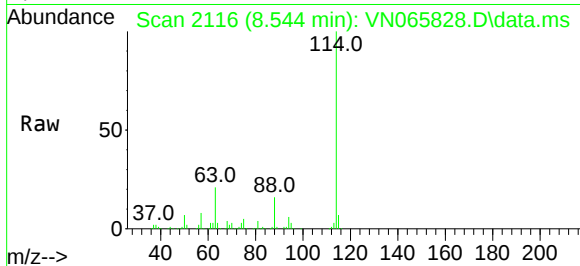




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.544 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

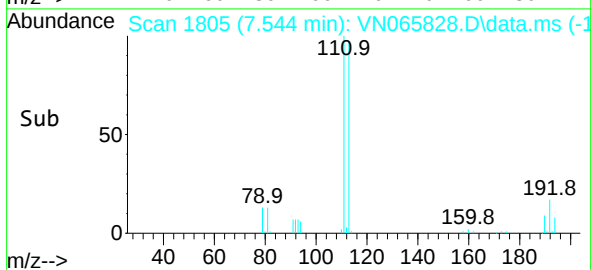
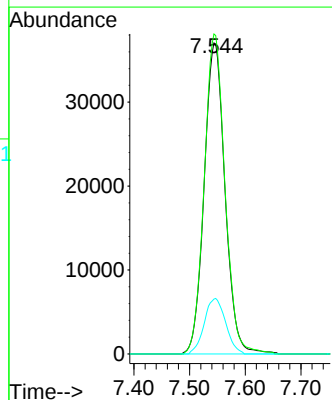
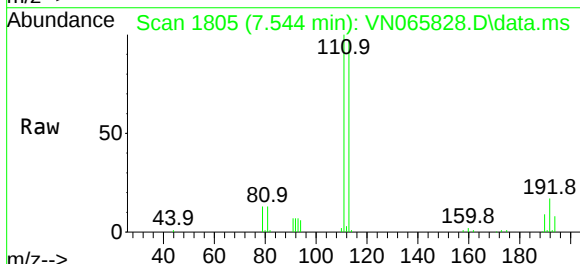
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

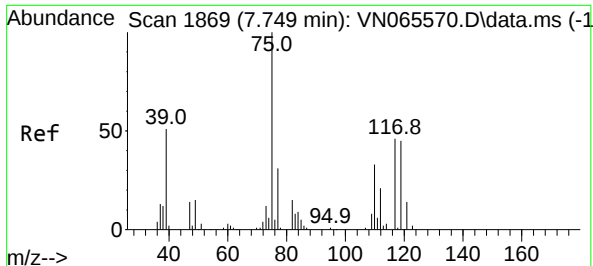
Tgt Ion:114	Resp:	341142
Ion Ratio	Lower	Upper
114	100	
63	20.8	0.0 38.6
88	16.5	0.0 30.6



#35
Dibromofluoromethane
Concen: 47.71 ug/l
RT: 7.544 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion:113	Resp:	96449
Ion Ratio	Lower	Upper
113	100	
111	102.5	82.2 123.2
192	18.3	15.4 23.0



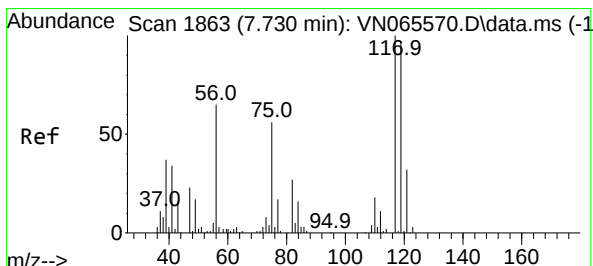
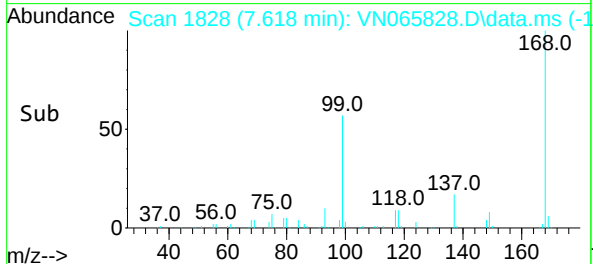
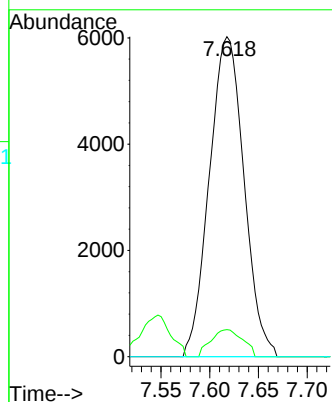
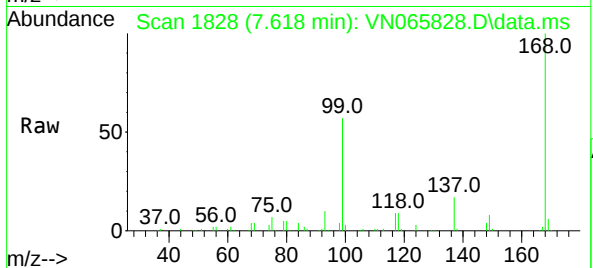


#36

1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.131 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

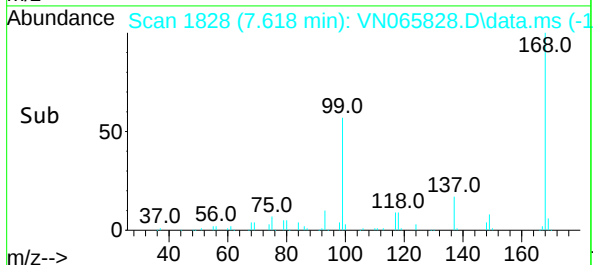
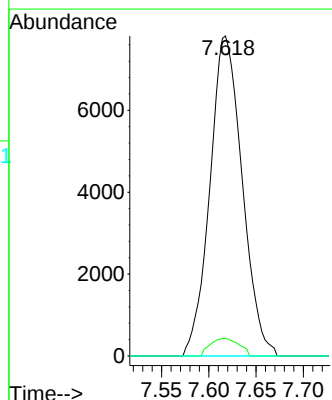
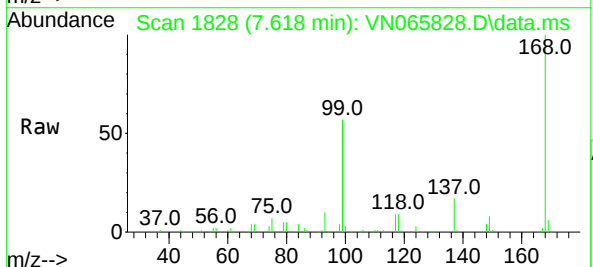
Tgt Ion: 75 Resp: 14890
Ion Ratio Lower Upper
75 100
110 7.8 18.2 54.6#
77 0.0 24.9 37.3#

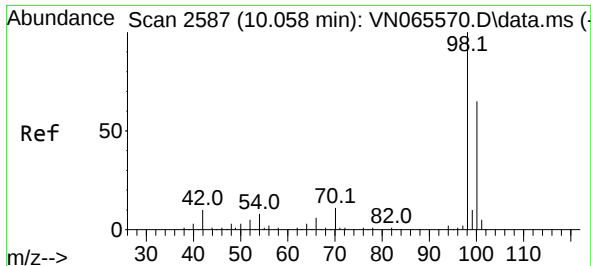


#38

Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.112 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion: 117 Resp: 18567
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.5 36.7#

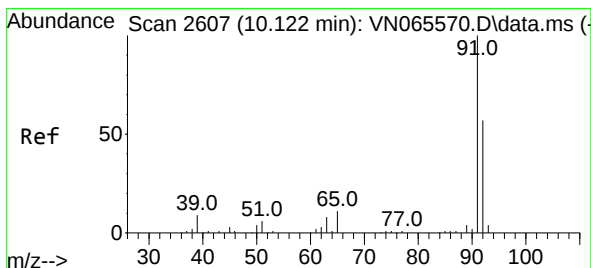
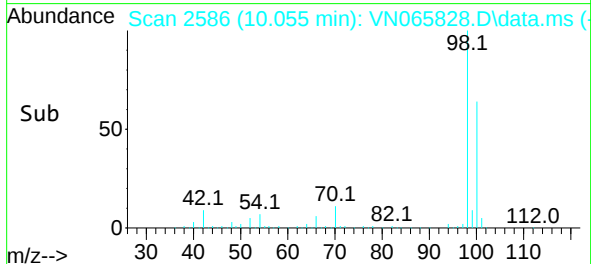
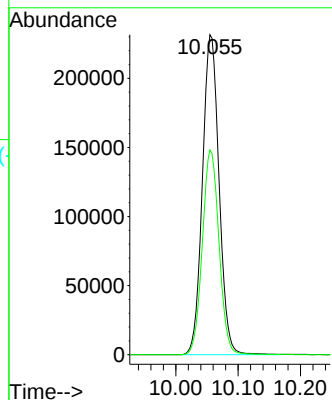
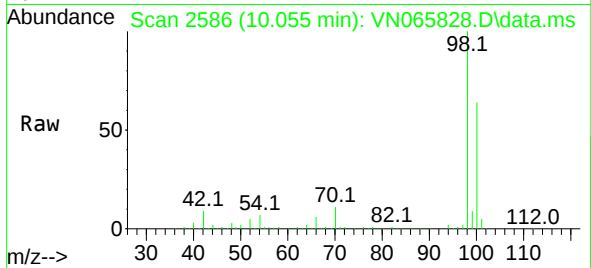




#50
Toluene-d8
Concen: 54.03 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

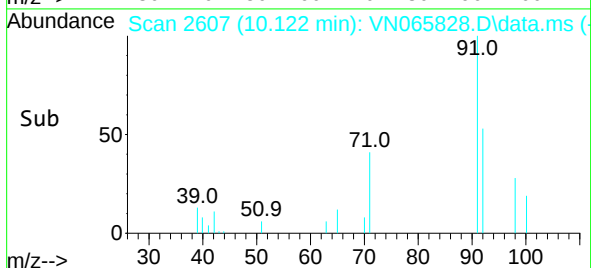
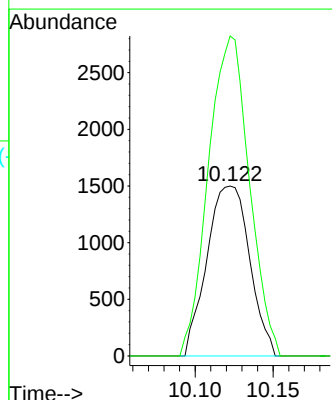
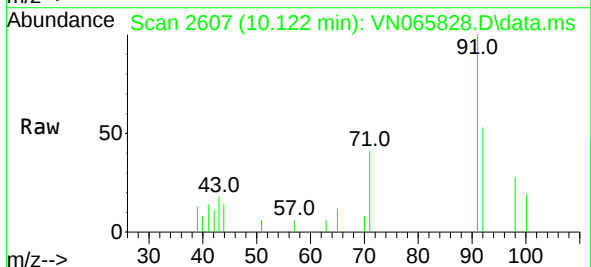
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

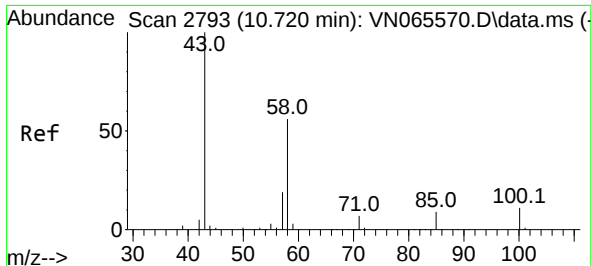
Tgt Ion: 98 Resp: 429311
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#52
Toluene
Concen: 0.46 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion: 92 Resp: 2856
Ion Ratio Lower Upper
92 100
91 180.0 140.7 211.1

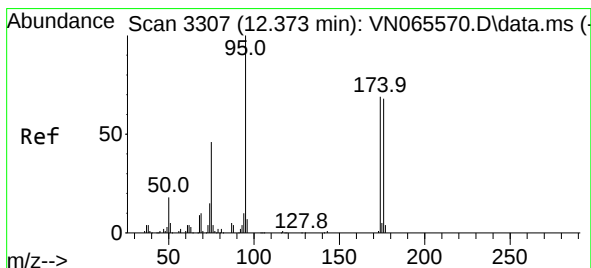
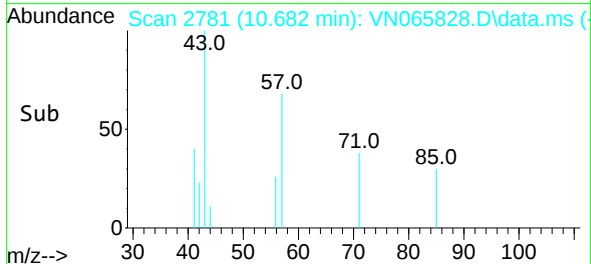
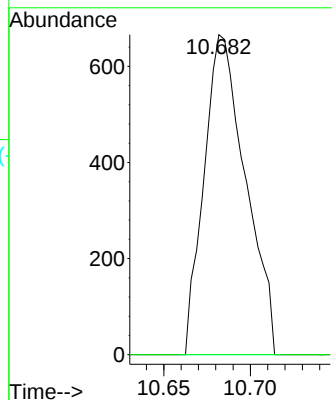
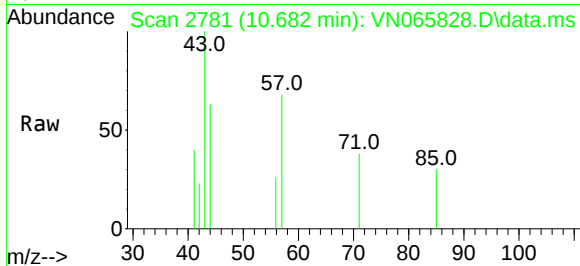




#59
2-Hexanone
Concen: 0.50 ug/l
RT: 10.682 min Scan# 2781
Delta R.T. -0.038 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

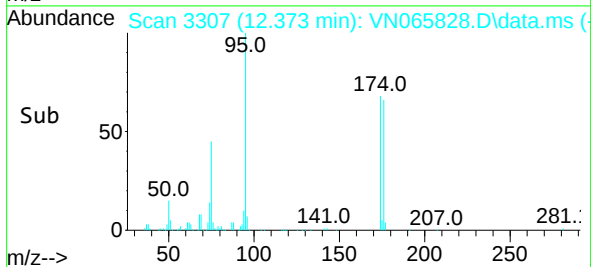
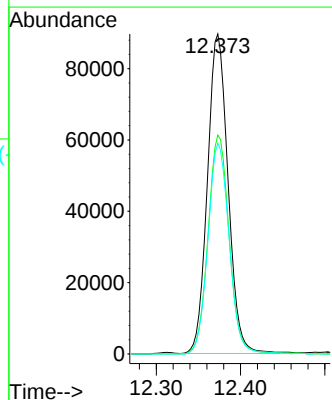
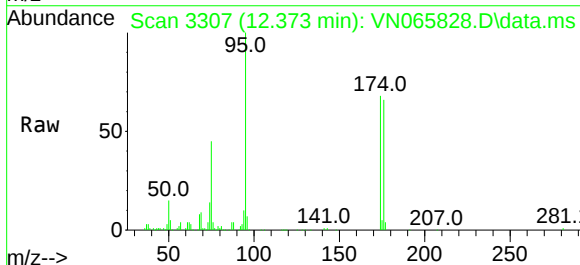
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

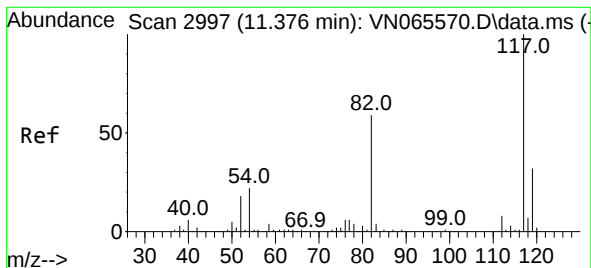
Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 53.24 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion: 95 Resp: 152344
Ion Ratio Lower Upper
95 100
174 70.3 0.0 169.0
176 67.7 0.0 162.4

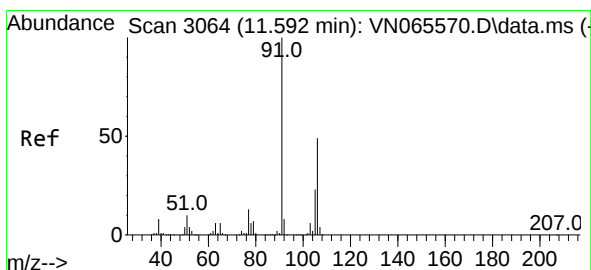
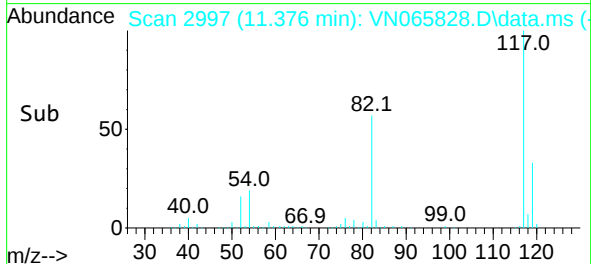
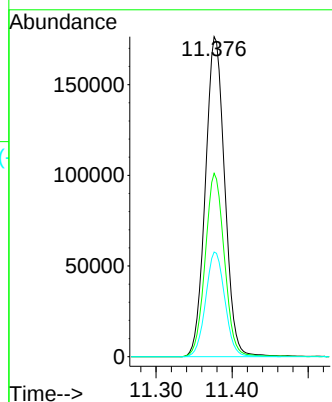
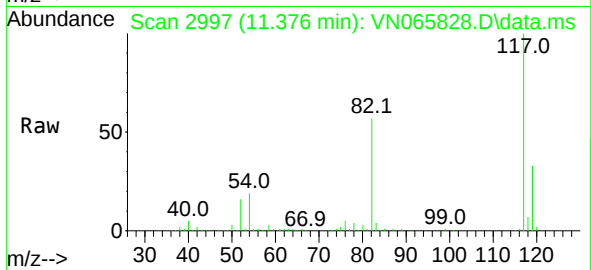




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

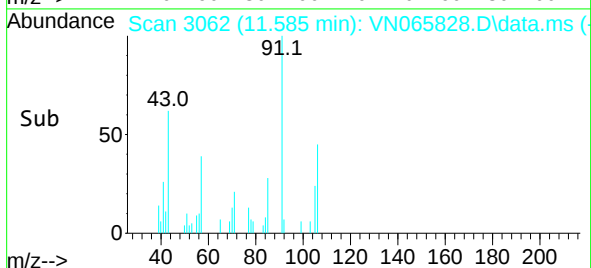
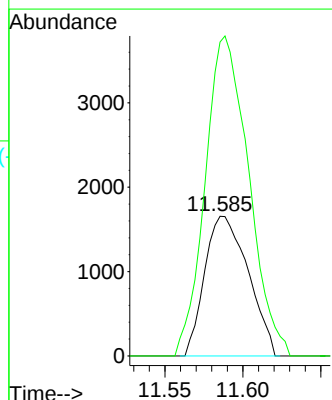
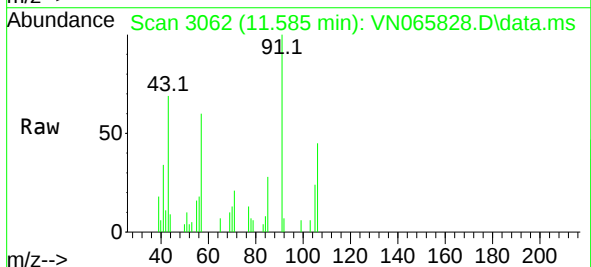
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

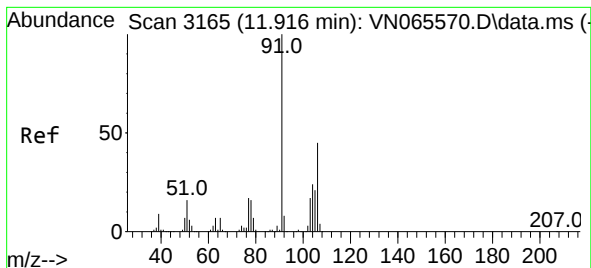
Tgt Ion:117 Resp: 311416
Ion Ratio Lower Upper
117 100
82 57.3 43.7 65.5
119 32.7 26.1 39.1



#68
m/p-Xylenes
Concen: 0.72 ug/l
RT: 11.585 min Scan# 3062
Delta R.T. -0.007 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion:106 Resp: 3206
Ion Ratio Lower Upper
106 100
91 229.2 161.4 242.0

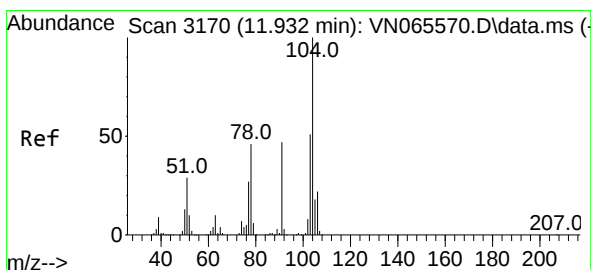
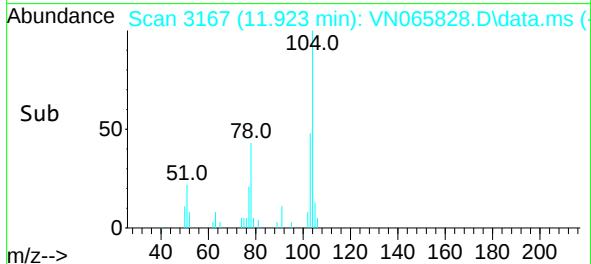
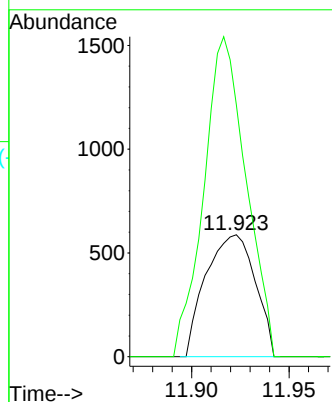
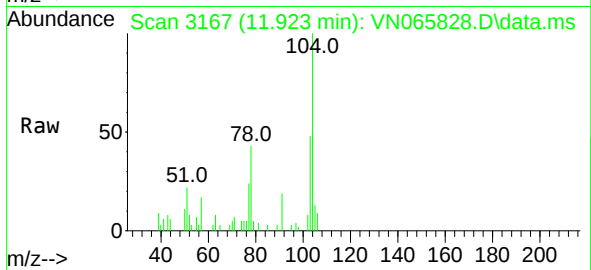




#69
o-Xylene
Concen: 0.24 ug/l
RT: 11.923 min Scan# 3167
Delta R.T. 0.007 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

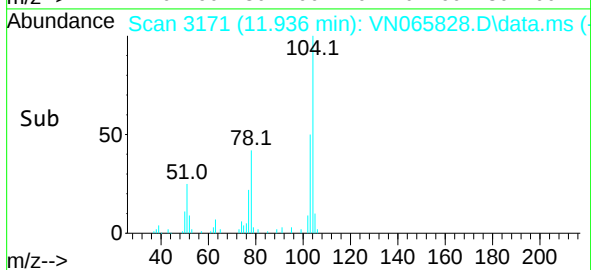
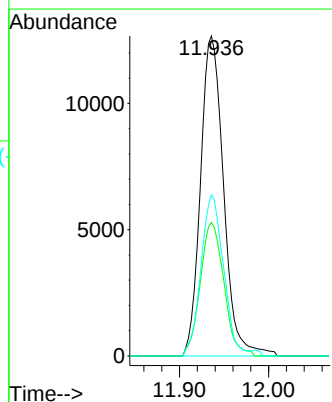
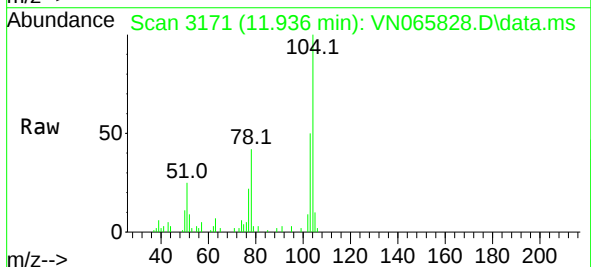
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

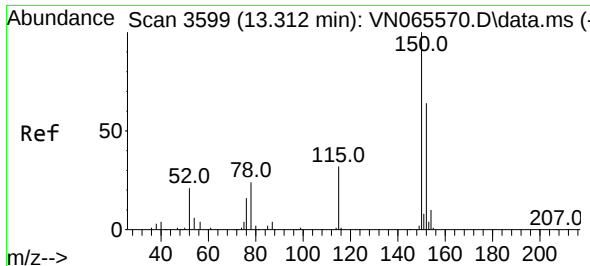
Tgt Ion:106 Resp: 1035
Ion Ratio Lower Upper
106 100
91 224.5 106.8 320.4



#70
Styrene
Concen: 3.23 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.004 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion:104 Resp: 22801
Ion Ratio Lower Upper
104 100
78 42.5 39.0 58.4
103 49.1 44.5 66.7

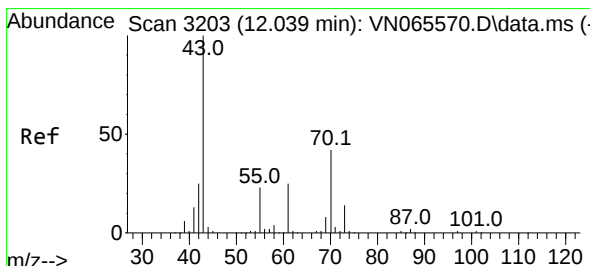
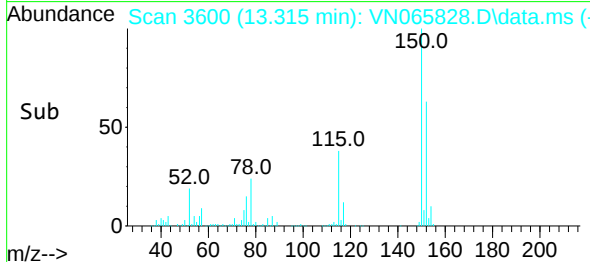
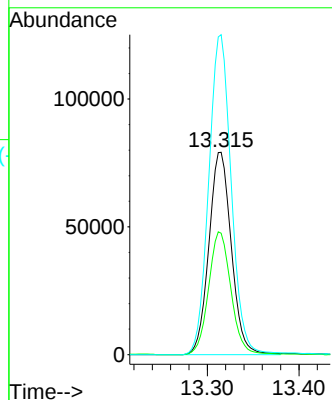
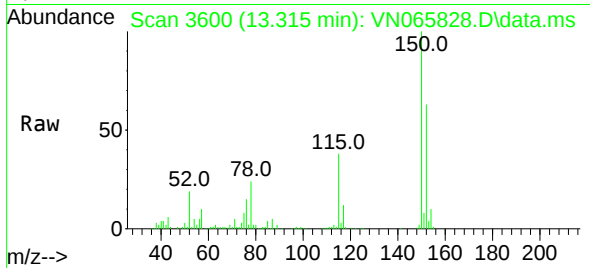




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

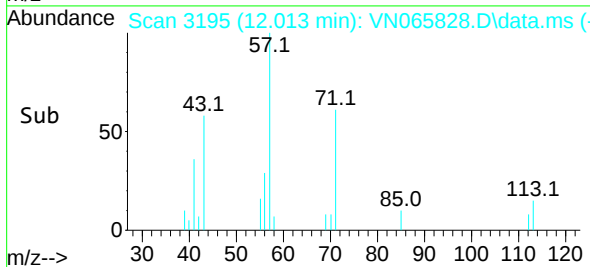
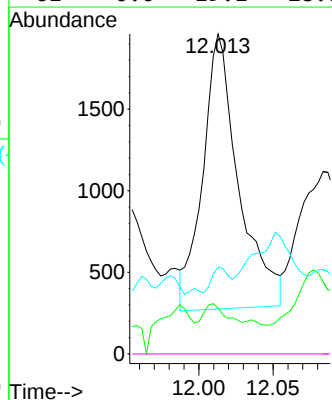
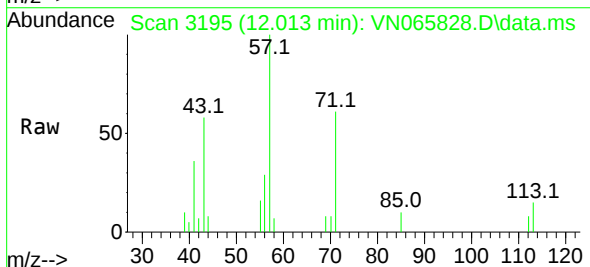
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

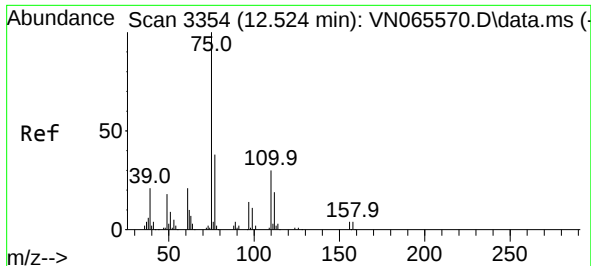
Tgt Ion:152 Resp: 134915
Ion Ratio Lower Upper
152 100
115 60.4 28.5 85.6
150 158.6 0.0 347.6



#74
N-ethyl acetate
Concen: 0.57 ug/l
RT: 12.013 min Scan# 3195
Delta R.T. -0.026 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion: 43 Resp: 2838
Ion Ratio Lower Upper
43 100
70 4.8 34.4 51.6#
55 4.4 20.7 31.1#
61 0.0 19.1 28.7#

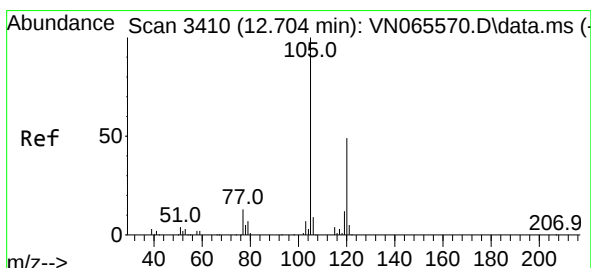
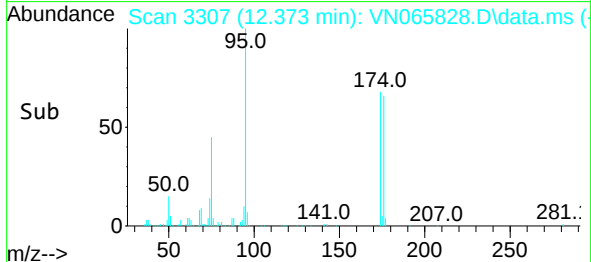
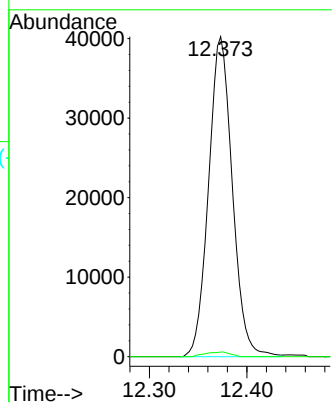
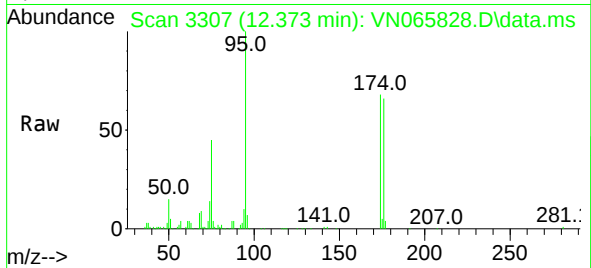




#76
1,2,3-Trichloropropane
Concen: 19.31 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

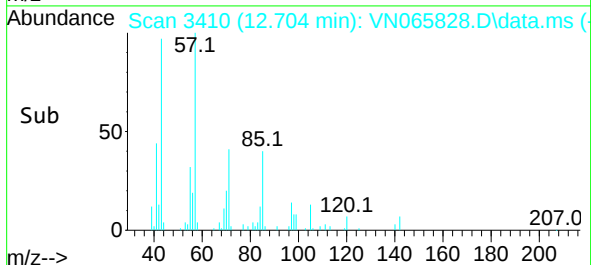
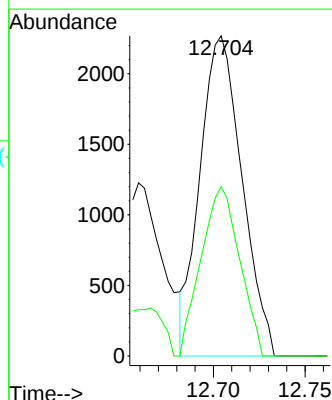
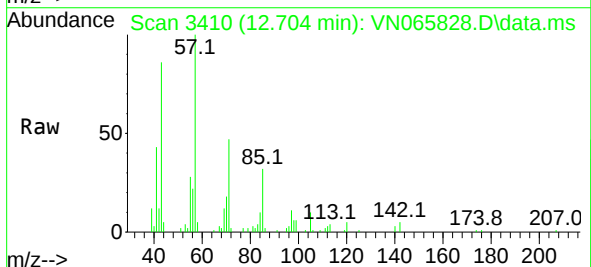
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

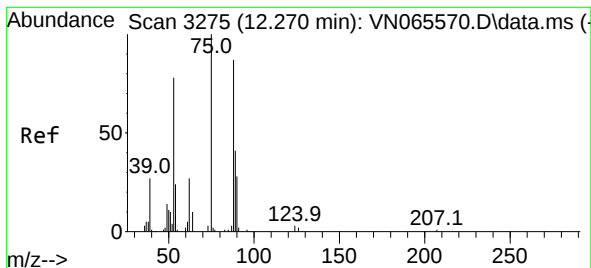
Tgt Ion: 75 Resp: 68125
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.36 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion: 105 Resp: 3615
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

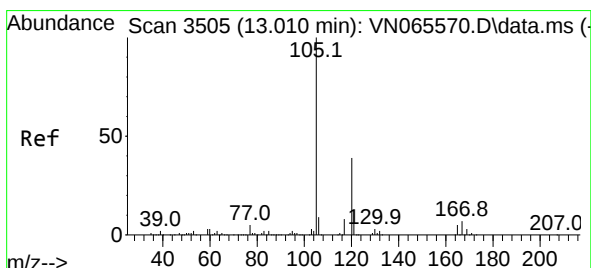
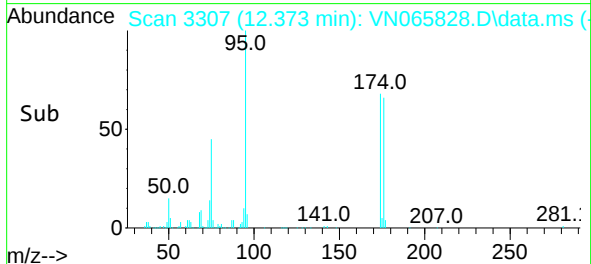
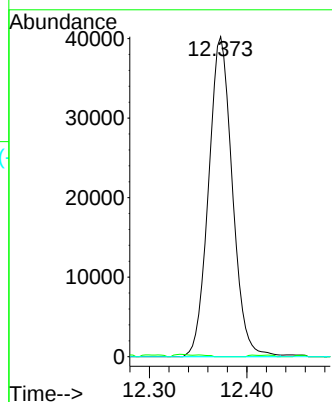
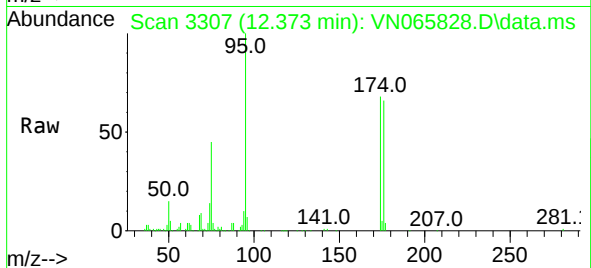




#81
trans-1,4-Dichloro-2-butene
Concen: 49.46 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

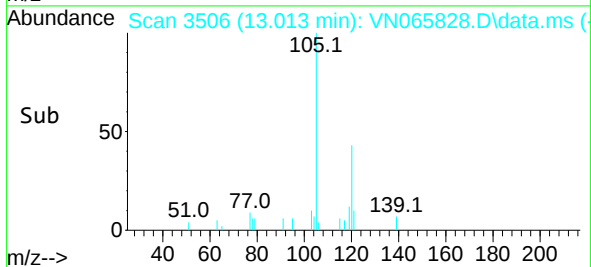
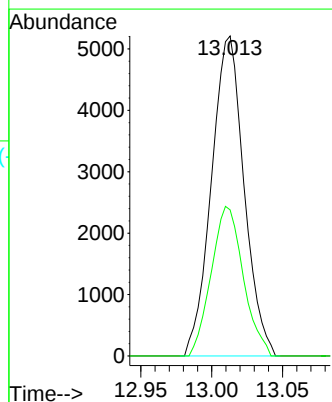
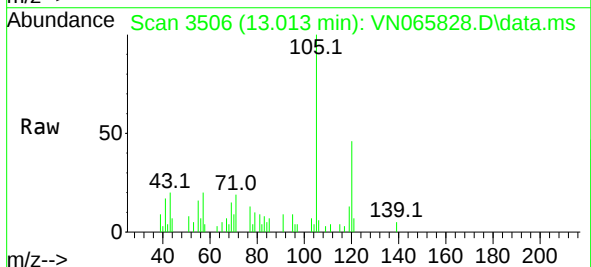
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

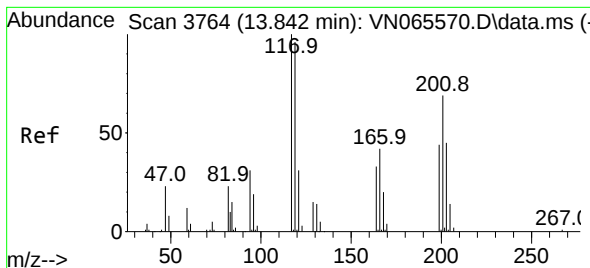
Tgt Ion: 75 Resp: 68125
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.83 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.003 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion: 105 Resp: 8344
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.0

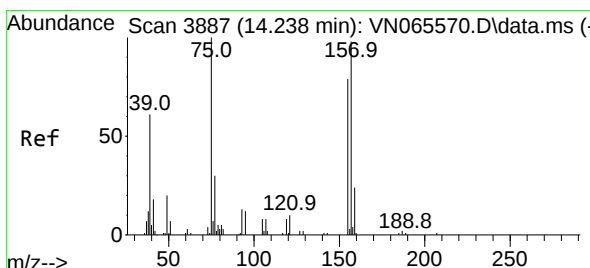
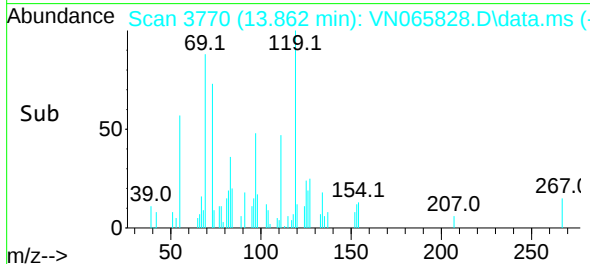
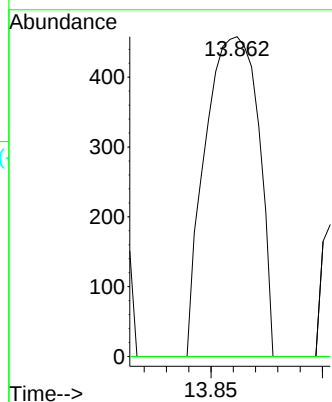
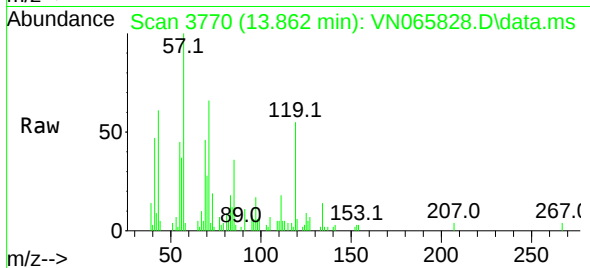




#90
Hexachloroethane
Concen: 0.43 ug/l
RT: 13.862 min Scan# 3770
Delta R.T. 0.020 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

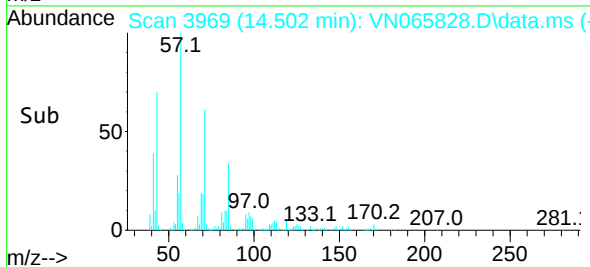
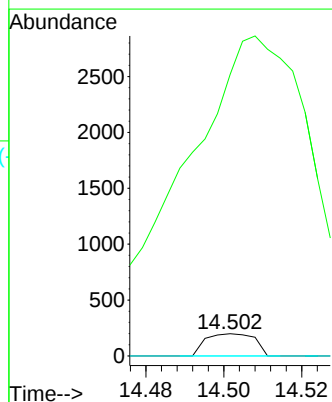
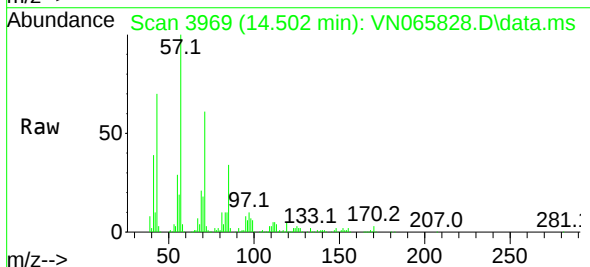
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

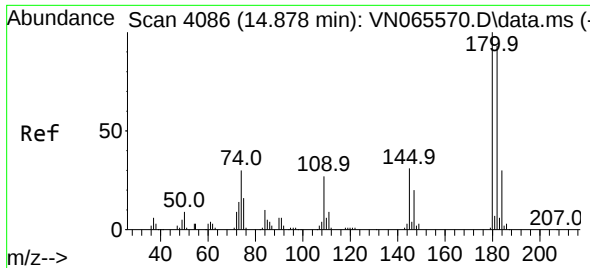
Tgt Ion:117 Resp: 760
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.25 ug/l
RT: 14.502 min Scan# 3969
Delta R.T. 0.264 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

Tgt Ion: 75 Resp: 174
Ion Ratio Lower Upper
75 100
155 2373.0 44.1 132.4#
157 0.0 56.0 168.2#

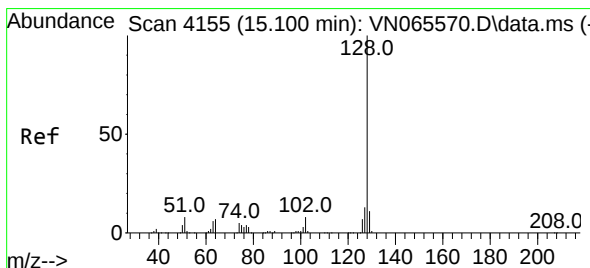
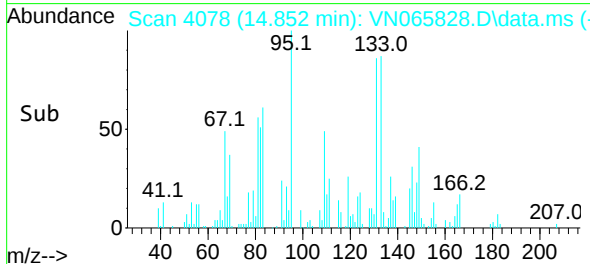
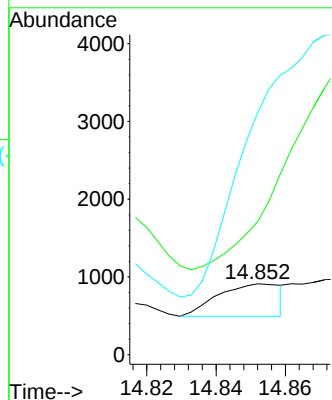
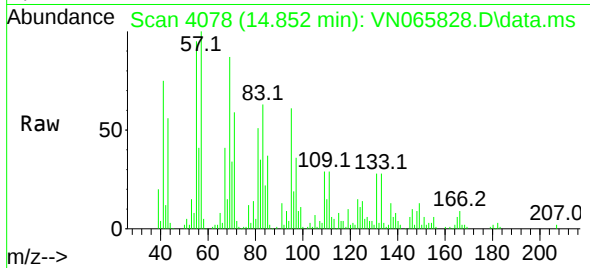




#93
1,2,4-Trichlorobenzene
Concen: 3.54 ug/l
RT: 14.852 min Scan# 4078
Delta R.T. -0.026 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

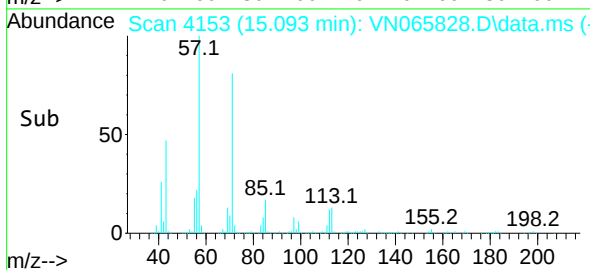
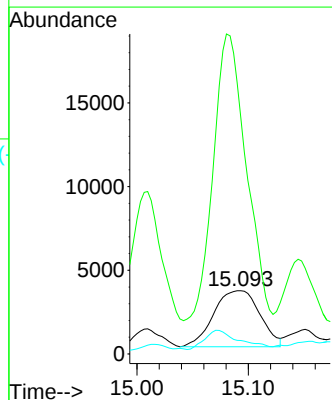
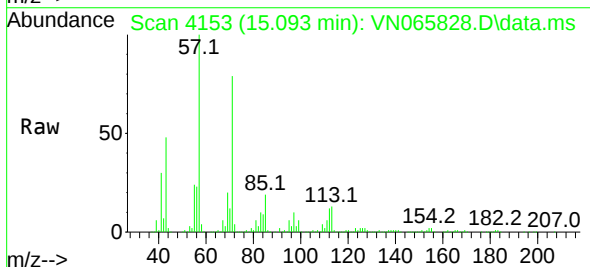
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

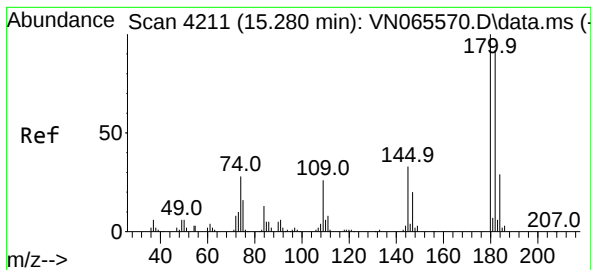
Tgt Ion:180 Resp: 524
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 0.0 15.6 46.8#



#95
Naphthalene
Concen: 4.48 ug/l
RT: 15.093 min Scan# 4153
Delta R.T. -0.007 min
Lab File: VN065828.D
Acq: 11 Feb 2021 21:01

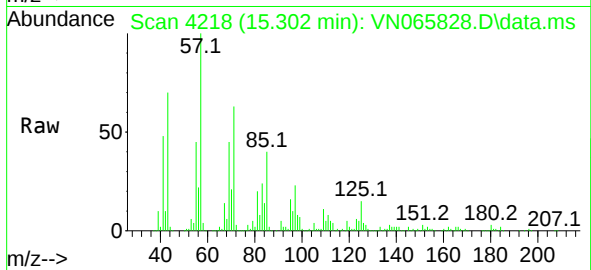
Tgt Ion:128 Resp: 9670
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.71 ug/l
 RT: 15.302 min Scan# 4218
 Delta R.T. 0.022 min
 Lab File: VN065828.D
 Acq: 11 Feb 2021 21:01

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1



Tgt Ion:180 Resp: 5351
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.3#
 145 357.4 16.5 49.5#

