

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
 Data File : VN065303.D
 Acq On : 29 Dec 2020 13:32
 Operator : JC/MD
 Sample : L5223-07 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Quant Time: Dec 30 00:55:52 2020
 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)

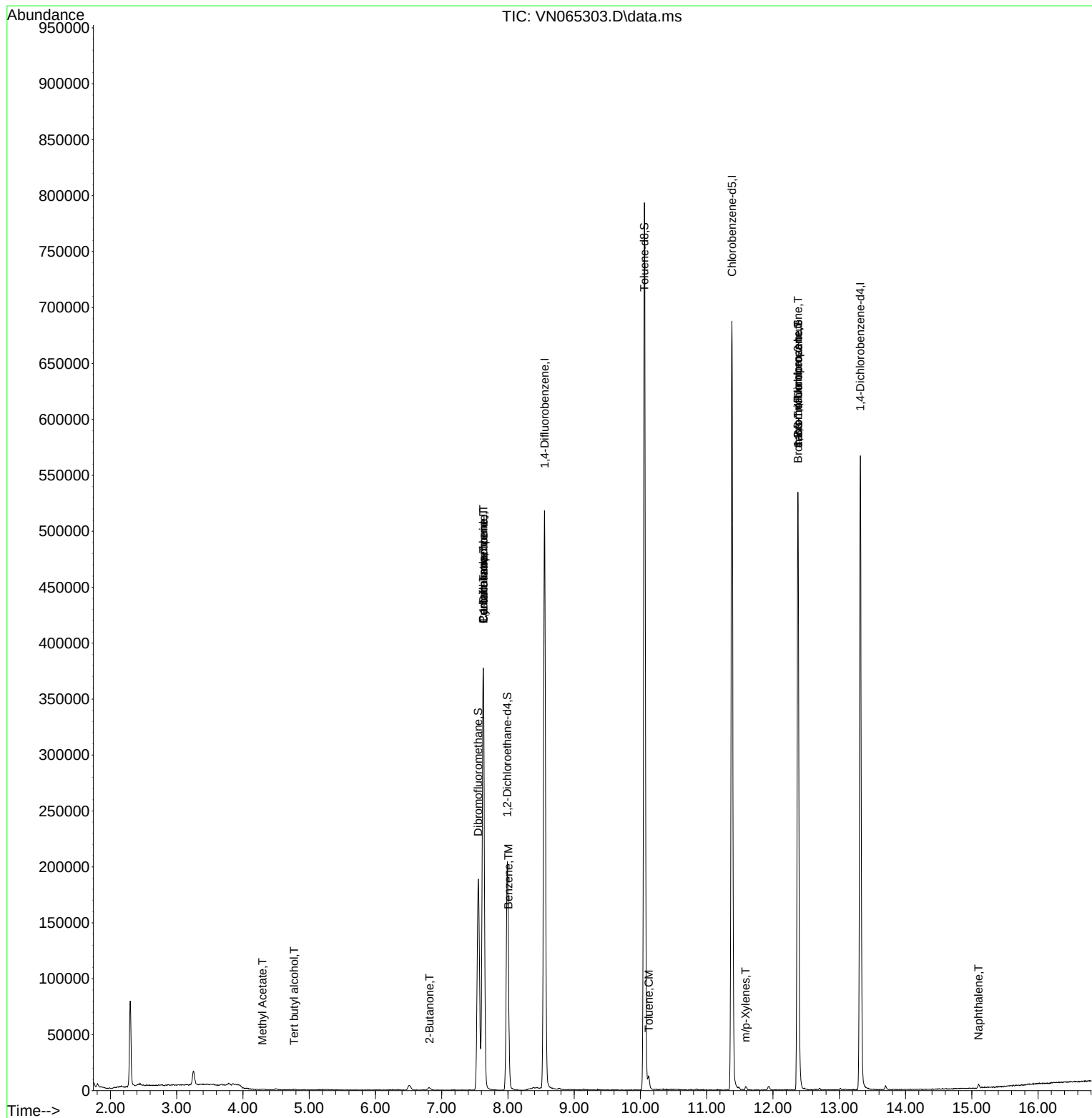
Internal Standards						
1) Pentafluorobenzene	7.627	168	337079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	486263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	432419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	171198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	177033	46.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.04%		
35) Dibromofluoromethane	7.550	113	146128	49.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.62%		
50) Toluene-d8	10.058	98	574888	52.29	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.58%		
62) 4-Bromofluorobenzene	12.376	95	188379	44.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.00%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.772	59	1048	1.68	ug/l #	73
16) Acetone	3.785	43	2883	Below Cal		89
18) Methyl Acetate	4.293	43	1191	0.35	ug/l #	50
25) 2-Butanone	6.817	43	1214	0.57	ug/l #	49
31) Cyclohexane	7.627	56	5814	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	21725	4.91	ug/l #	49
38) Carbon Tetrachloride	7.627	117	29233	6.30	ug/l #	16
40) Benzene	8.007	78	4999	0.38	ug/l	92
52) Toluene	10.126	92	4197	0.51	ug/l	98
68) m/p-Xylenes	11.589	106	1267	0.21	ug/l	98
71) Bromoform	12.380	173	1344	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	92680	26.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	92680	66.91	ug/l #	15
95) Naphthalene	15.103	128	4591	3.85	ug/l #	86

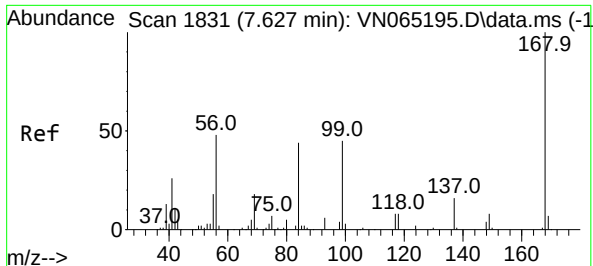
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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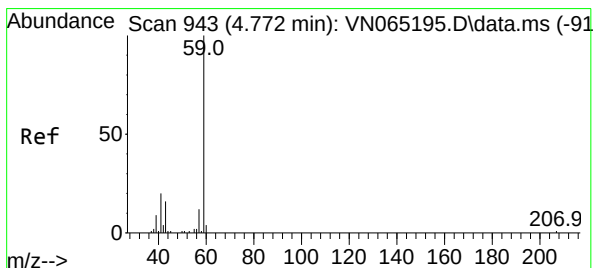
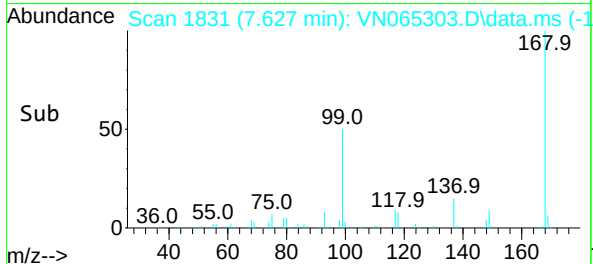
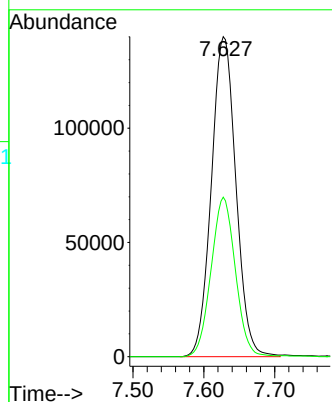
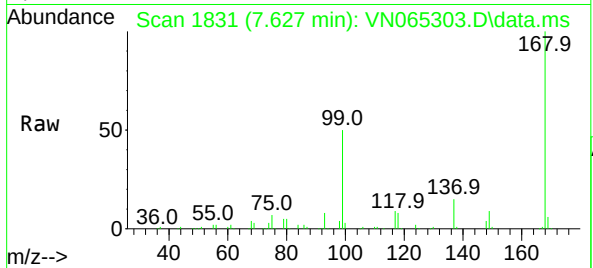




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

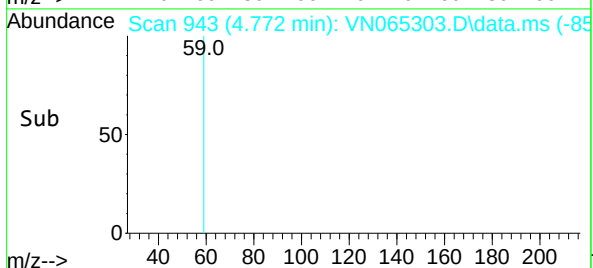
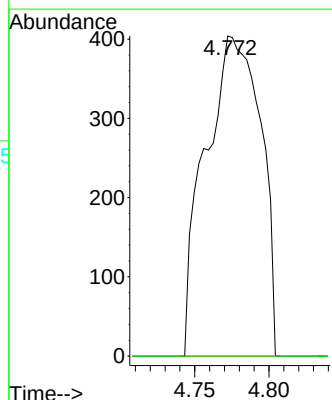
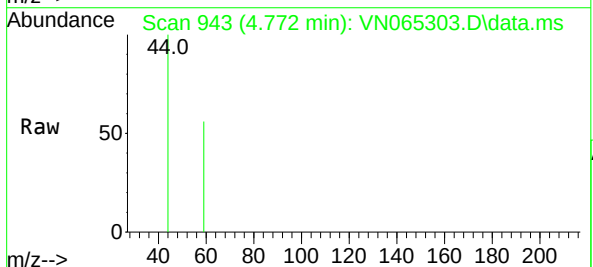
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MSVOA_N
ClientSampleId :
DRUM-COMP

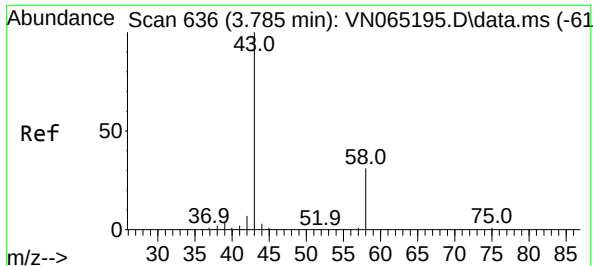
Tgt Ion:168 Resp: 337079
Ion Ratio Lower Upper
168 100
99 49.9 43.0 64.4



#11
Tert butyl alcohol
Concen: 1.68 ug/l
RT: 4.772 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

Tgt Ion: 59 Resp: 1048
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

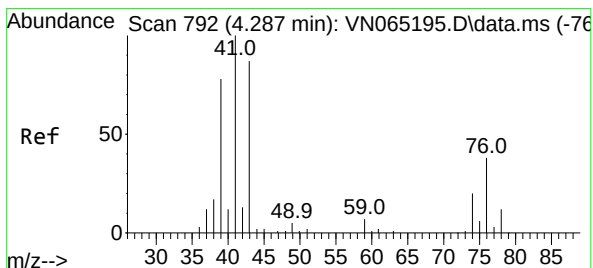
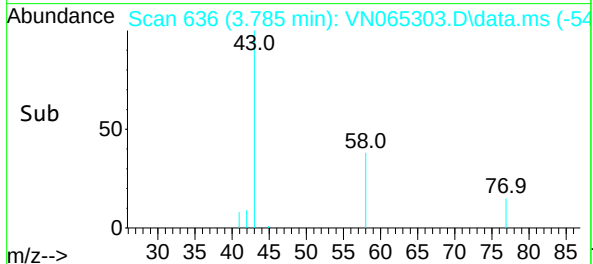
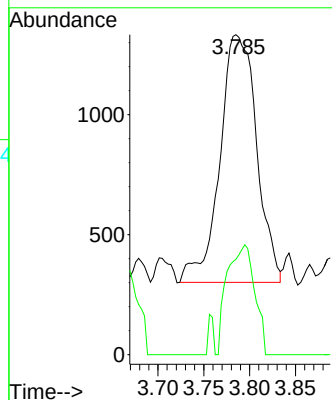
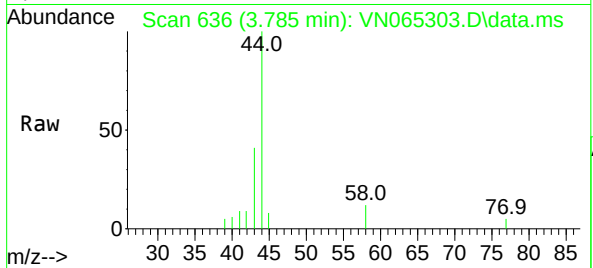




#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

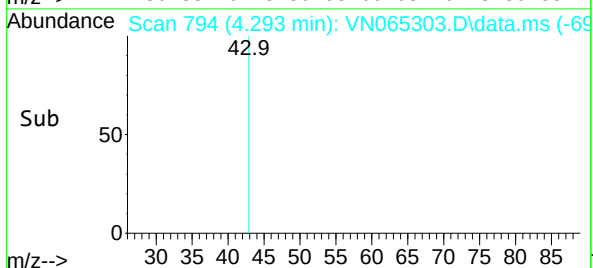
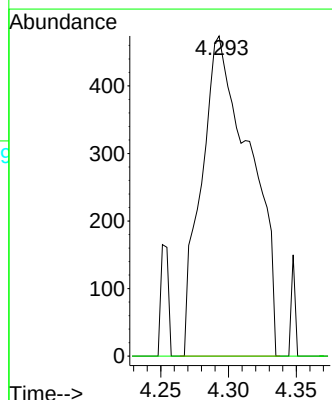
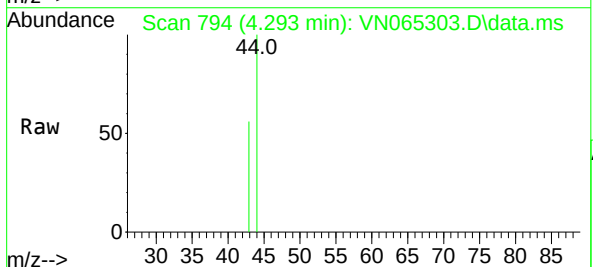
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

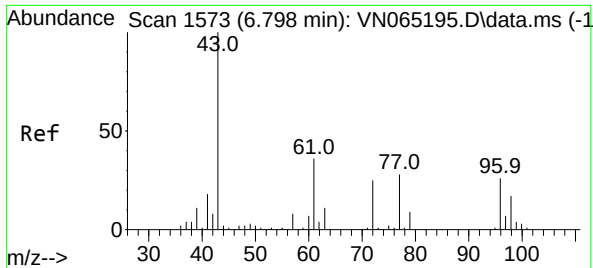
Tgt Ion: 43 Resp: 2883
Ion Ratio Lower Upper
43 100
58 38.5 25.7 38.5



#18
Methyl Acetate
Concen: 0.35 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

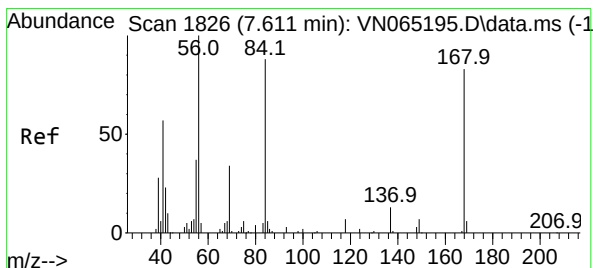
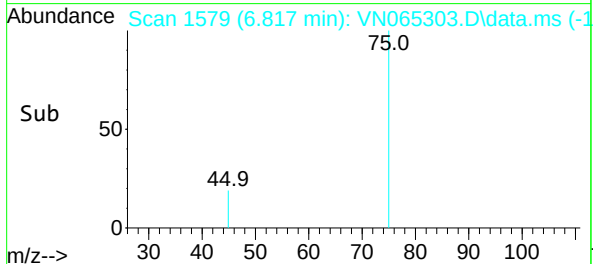
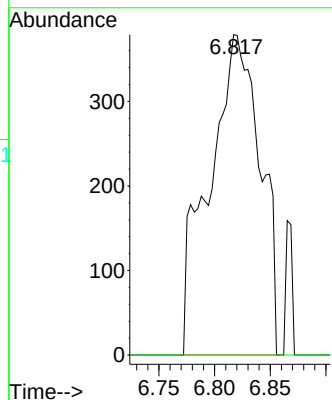
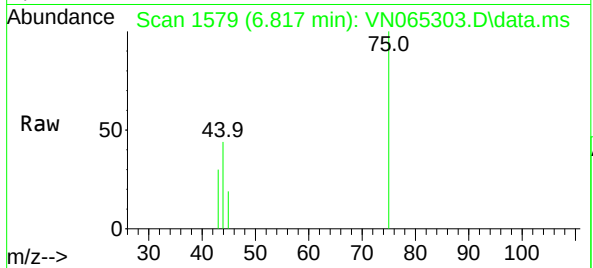




#25
2-Butanone
Concen: 0.57 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. 0.019 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

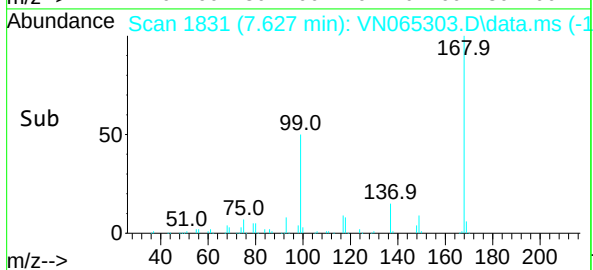
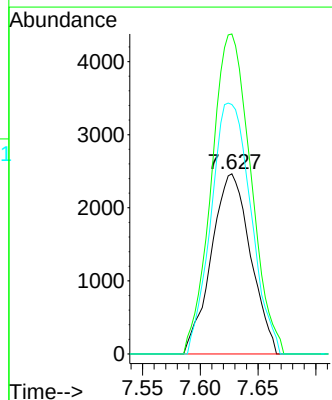
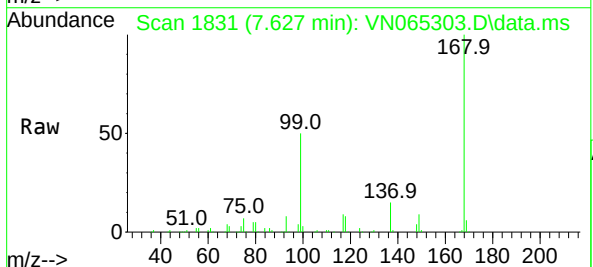
Instrument :
MSVOA_N
ClientSampled :
DRUM-COMP

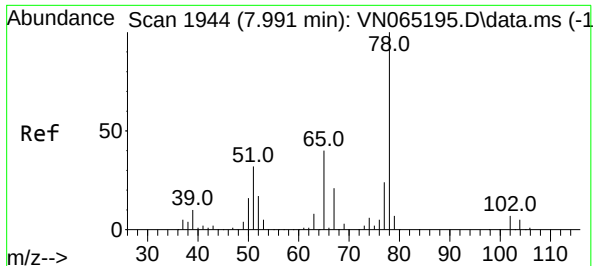
Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

Tgt Ion: 56 Resp: 5814
Ion Ratio Lower Upper
56 100
69 177.5 27.5 41.3#
84 138.4 73.9 110.9#

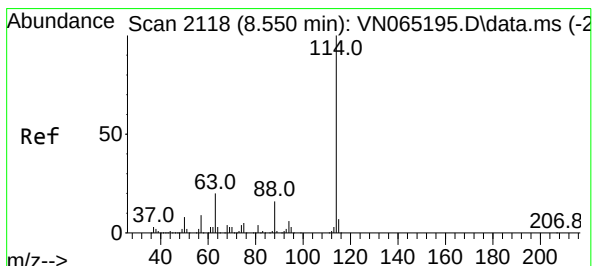
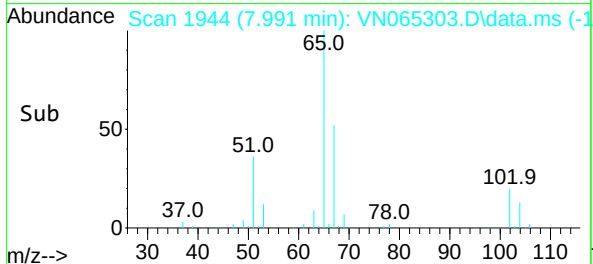
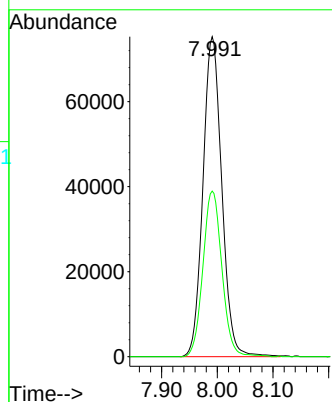
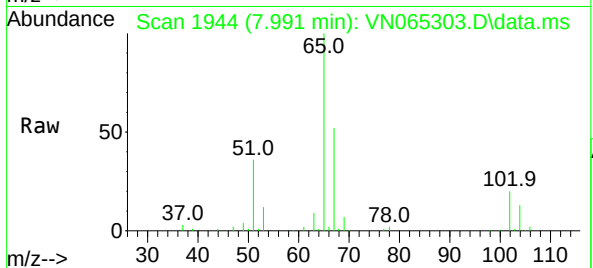




#33
1,2-Dichloroethane-d4
Concen: 46.52 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

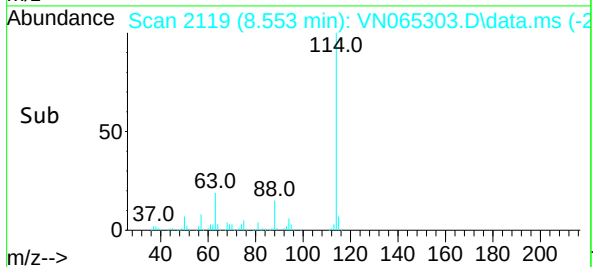
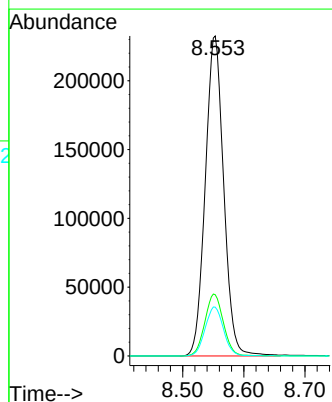
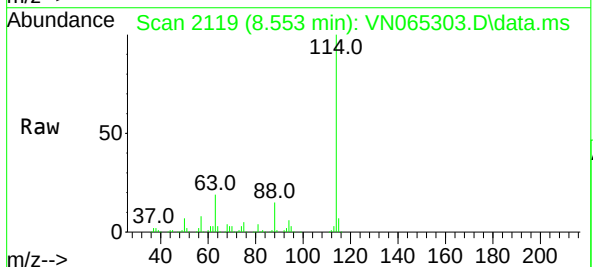
Instrument :
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ClientSampleId :
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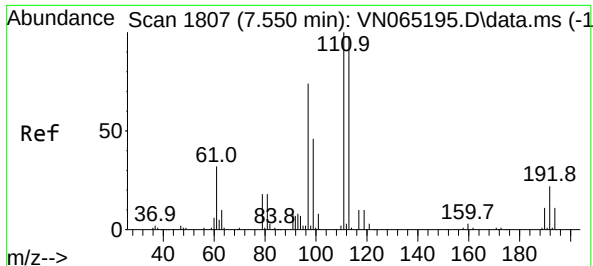
Tgt Ion: 65 Resp: 177033
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

Tgt Ion: 114 Resp: 486263
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.3 0.0 32.6

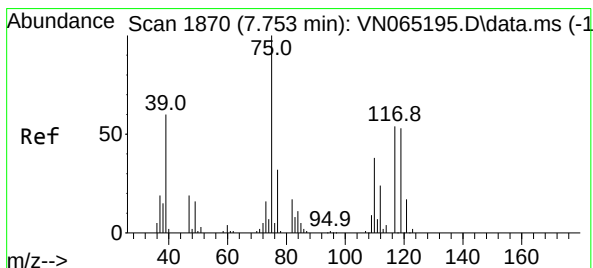
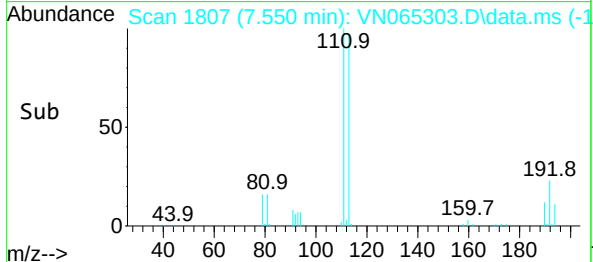
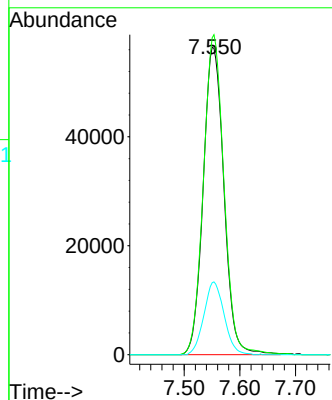
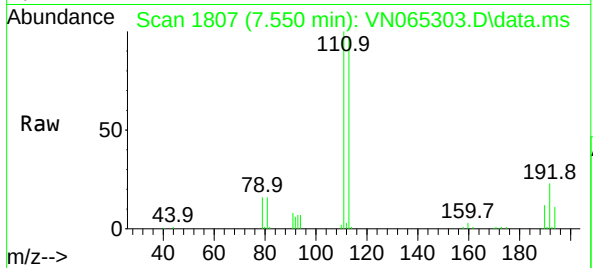




#35
Dibromofluoromethane
Concen: 49.81 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

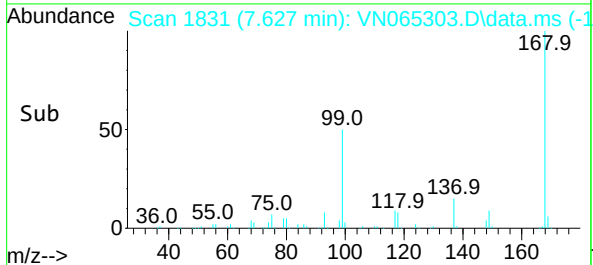
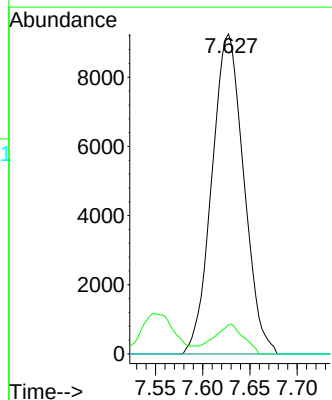
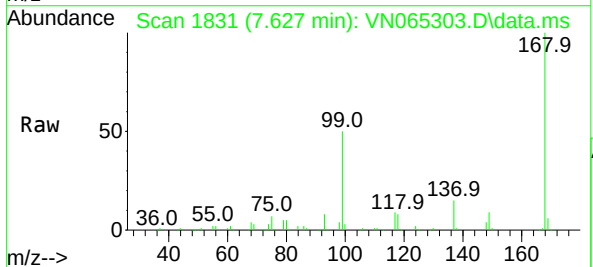
Instrument :
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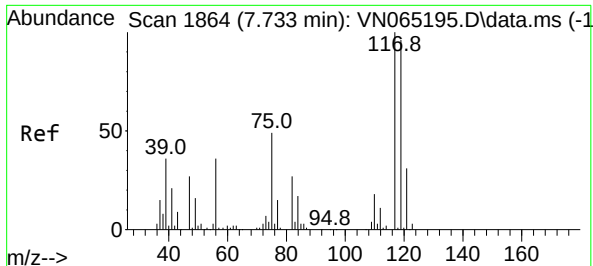
Tgt Ion:113 Resp: 146128
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 23.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

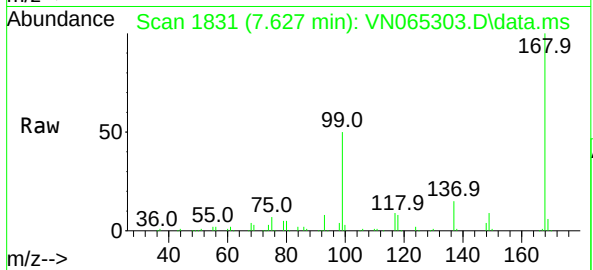
Tgt Ion: 75 Resp: 21725
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.3#
77 0.0 25.0 37.4#



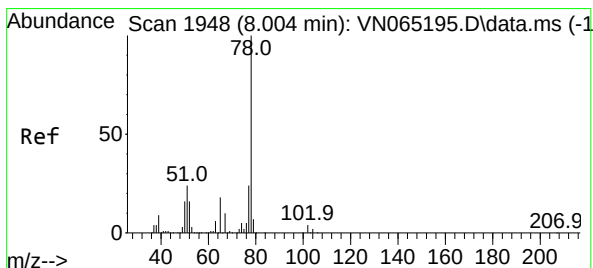
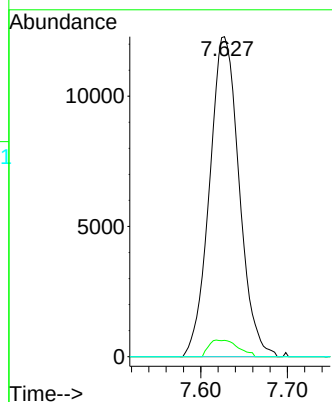
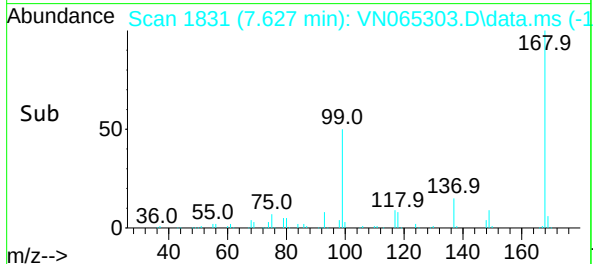


#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

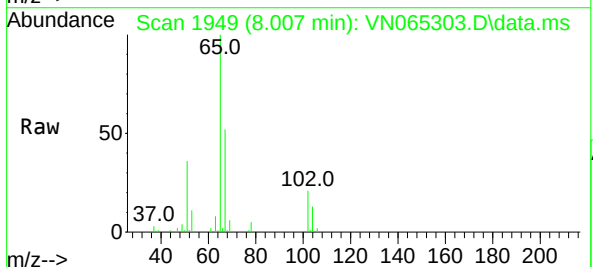
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP



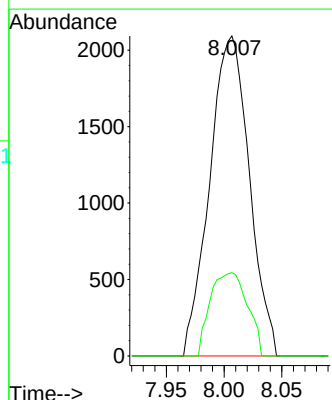
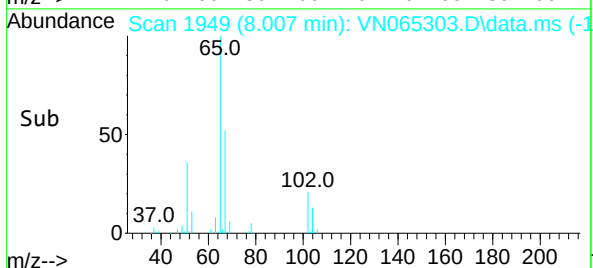
Tgt Ion:117 Resp: 29233
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.4 38.2#

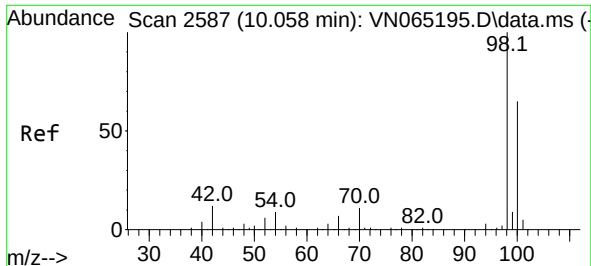


#40
Benzene
Concen: 0.38 ug/l
RT: 8.007 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32



Tgt Ion: 78 Resp: 4999
Ion Ratio Lower Upper
78 100
77 26.0 17.9 26.9

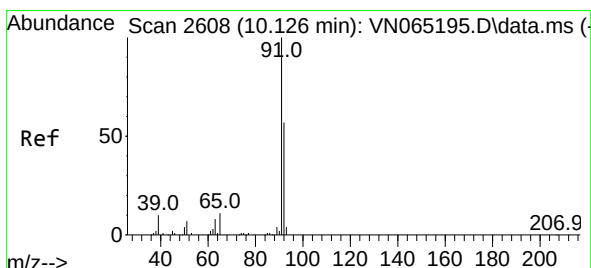
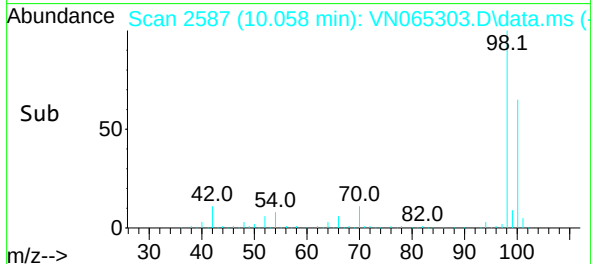
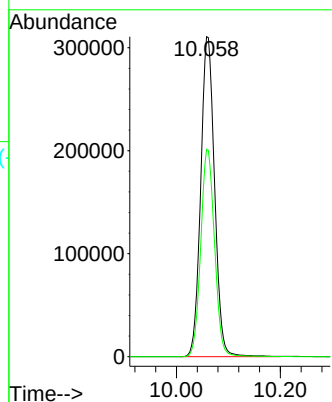
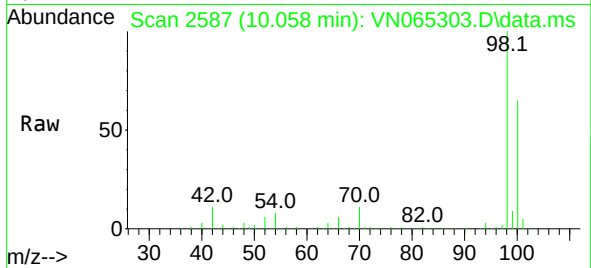




#50
Toluene-d8
Concen: 52.29 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

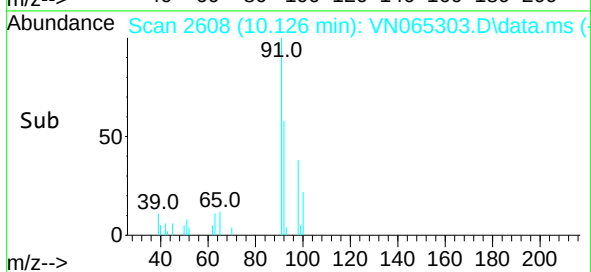
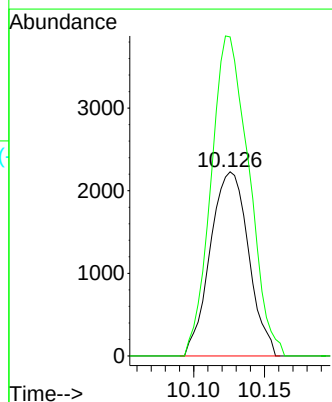
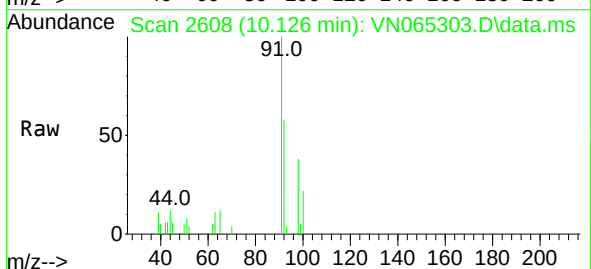
Instrument :
MSVOA_N
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DRUM-COMP

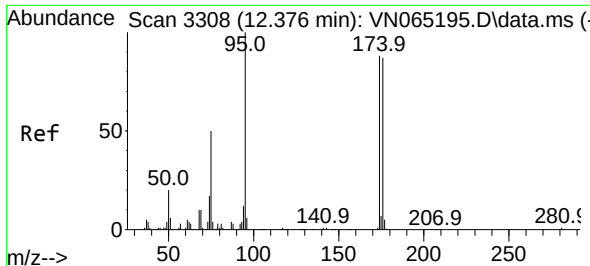
Tgt Ion: 98 Resp: 574888
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#52
Toluene
Concen: 0.51 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

Tgt Ion: 92 Resp: 4197
Ion Ratio Lower Upper
92 100
91 171.2 139.1 208.7

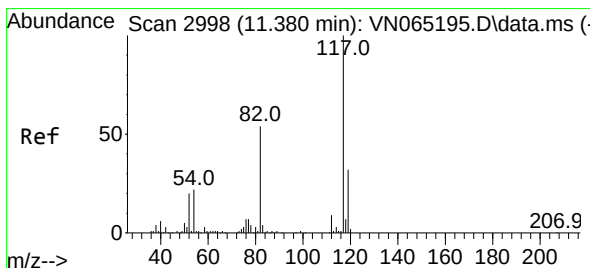
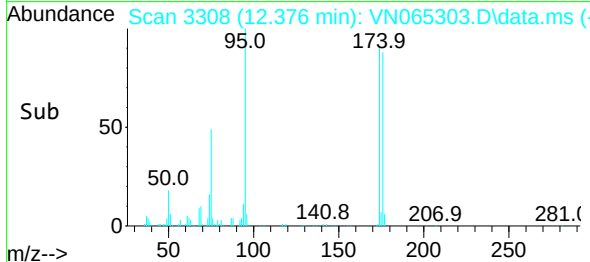
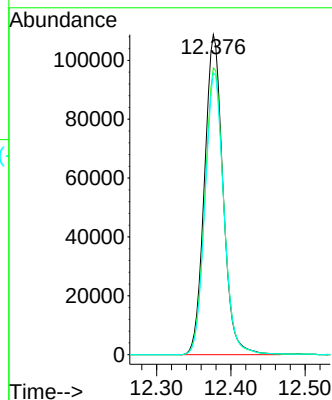
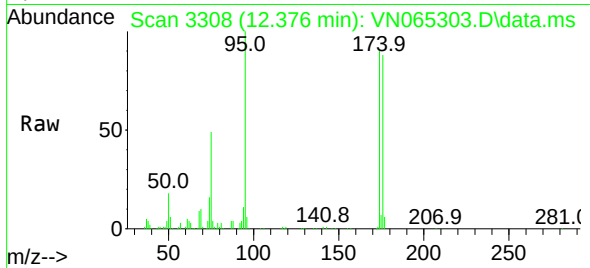




#62
4-Bromofluorobenzene
Concen: 44.00 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

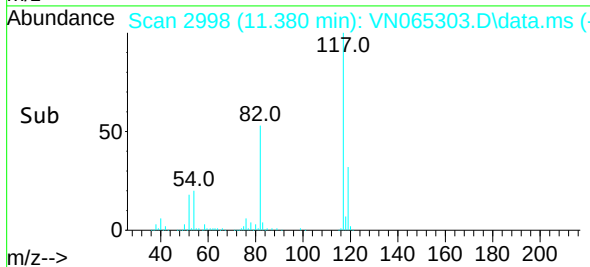
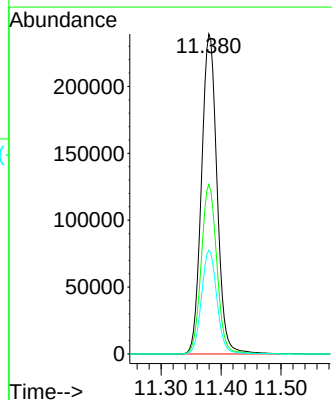
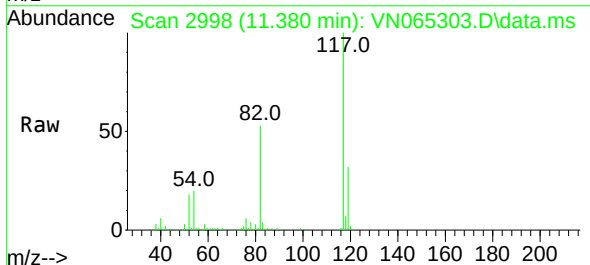
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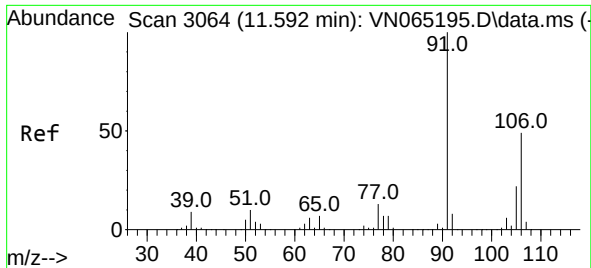
Tgt Ion: 95 Resp: 188379
Ion Ratio Lower Upper
95 100
174 91.4 0.0 160.4
176 89.4 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

Tgt Ion: 117 Resp: 432419
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.4 25.8 38.6

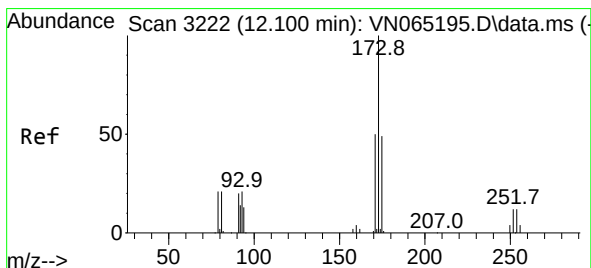
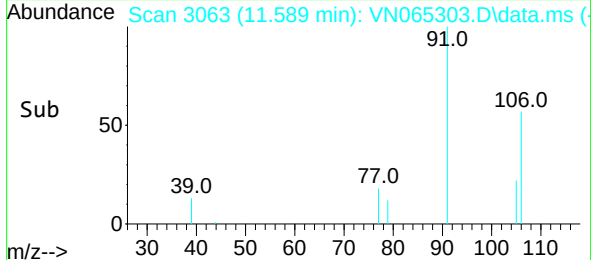
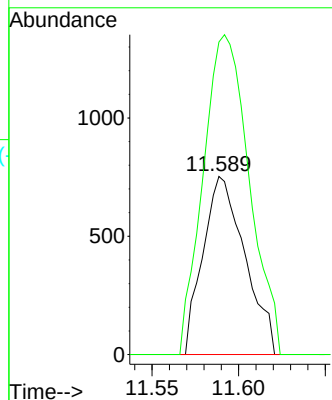
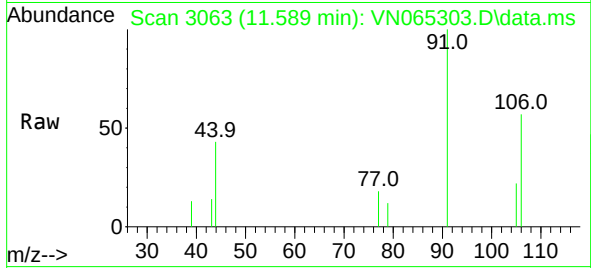




#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

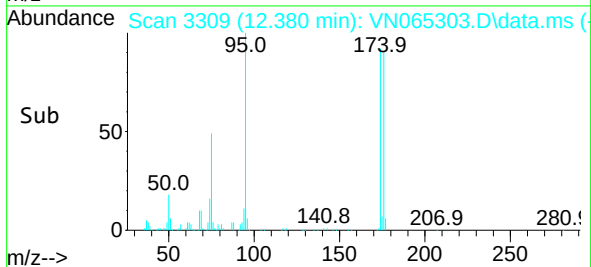
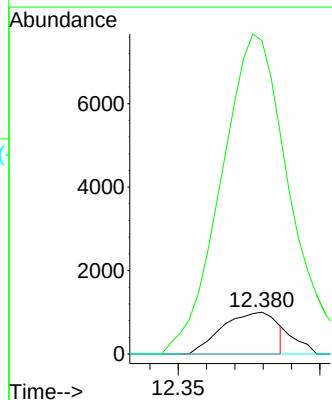
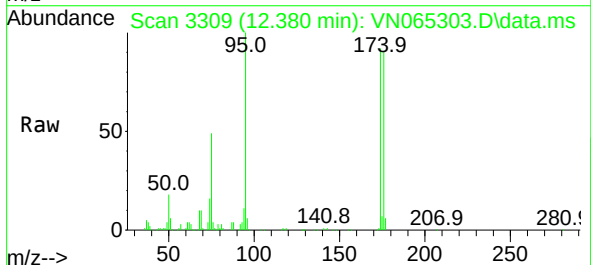
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

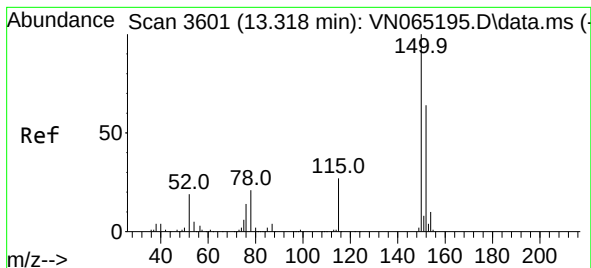
Tgt Ion:106 Resp: 1267
Ion Ratio Lower Upper
106 100
91 197.6 161.0 241.4



#71
Bromoform
Concen: 0.46 ug/l
RT: 12.380 min Scan# 3309
Delta R.T. 0.280 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

Tgt Ion:173 Resp: 1344
Ion Ratio Lower Upper
173 100
175 775.2 24.3 72.8#
254 0.0 0.0 0.0

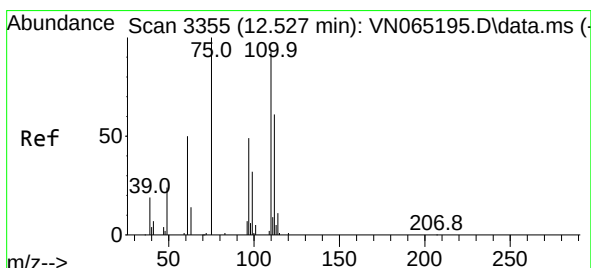
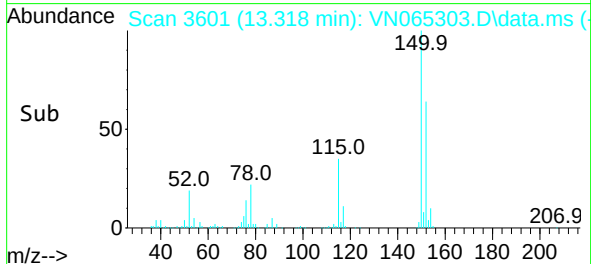
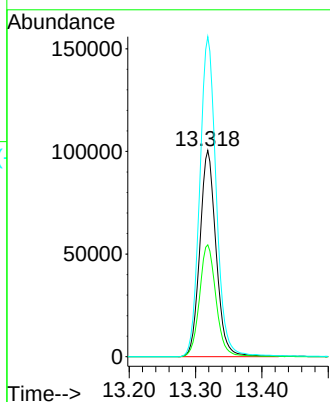
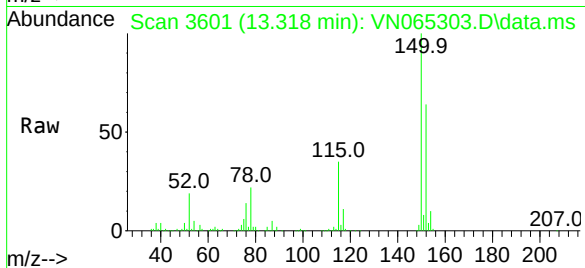




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065303.D
 Acq: 29 Dec 2020 13:32

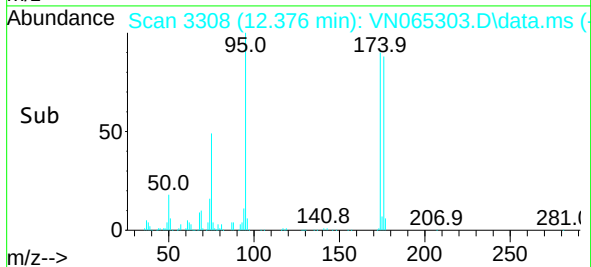
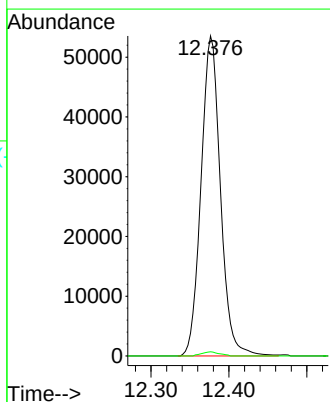
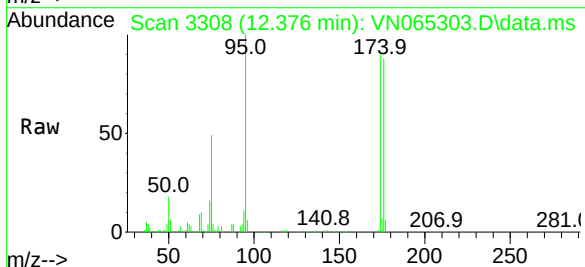
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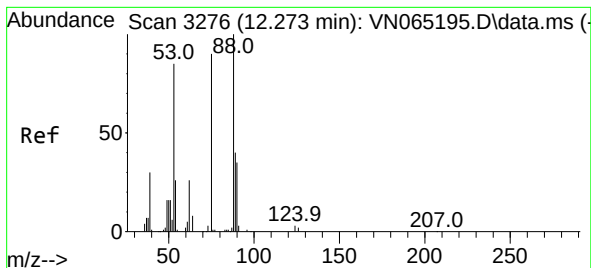
Tgt Ion:152 Resp: 171198
 Ion Ratio Lower Upper
 152 100
 115 55.5 29.7 89.1
 150 157.4 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 26.54 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.151 min
 Lab File: VN065303.D
 Acq: 29 Dec 2020 13:32

Tgt Ion: 75 Resp: 92680
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

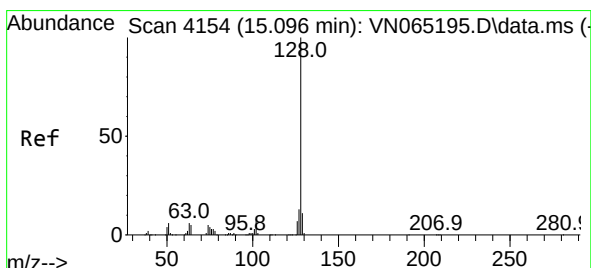
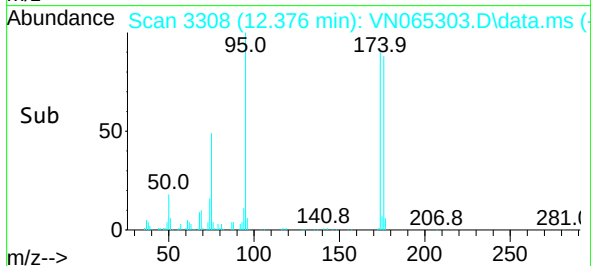
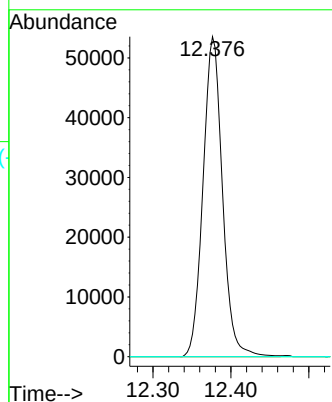
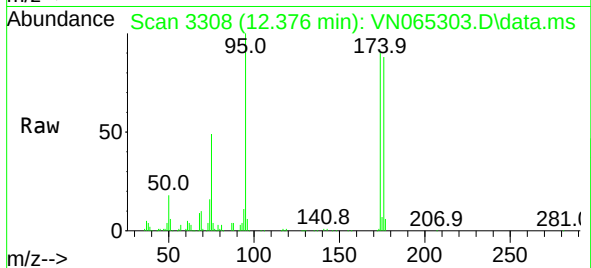




#81
trans-1,4-Dichloro-2-butene
Concen: 66.91 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tgt Ion: 75 Resp: 92680
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.85 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065303.D
Acq: 29 Dec 2020 13:32

Tgt Ion: 128 Resp: 4591
Ion Ratio Lower Upper
128 100
127 7.1 10.3 15.5#
129 5.8 8.7 13.1#

