

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065434.D
 Acq On : 7 Jan 2021 18:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 08 01:20:36 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)

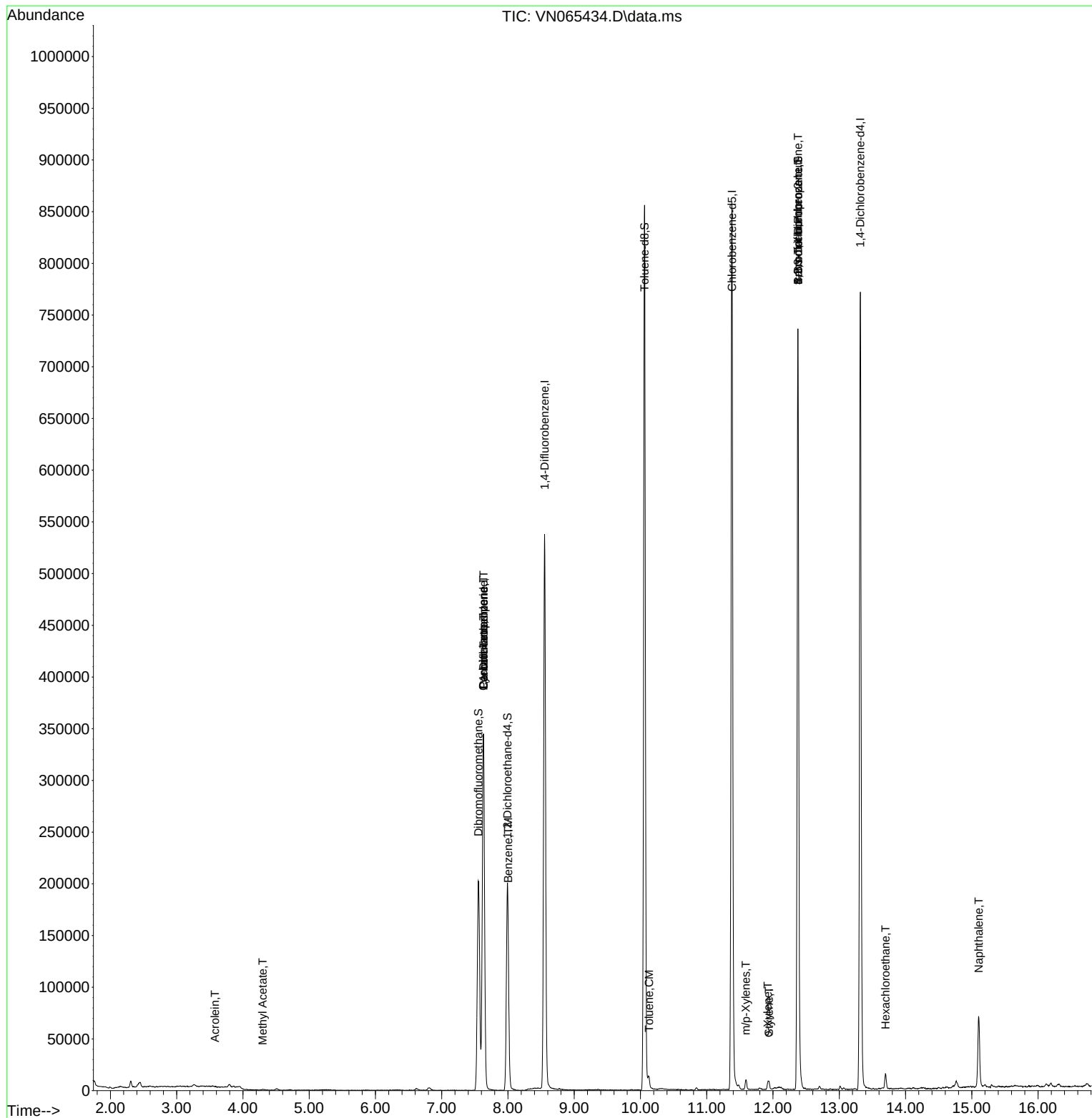
Internal Standards						
1) Pentafluorobenzene	7.630	168	315935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	514540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	534447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	233374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	174371	48.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.78%		
35) Dibromofluoromethane	7.553	113	157704	50.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.60%		
50) Toluene-d8	10.061	98	626425	53.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.68%		
62) 4-Bromofluorobenzene	12.376	95	252511	54.38	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.76%		
Target Compounds					Qvalue	
13) Acrolein	3.579	56	29	2.48	ug/l #	60
16) Acetone	3.798	43	3600	Below Cal		98
18) Methyl Acetate	4.299	43	1675	0.52	ug/l #	50
31) Cyclohexane	7.627	56	5101	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	19515	4.17	ug/l #	50
38) Carbon Tetrachloride	7.630	117	27222	5.54	ug/l #	16
40) Benzene	8.003	78	4448	0.32	ug/l #	80
52) Toluene	10.129	92	4355	0.50	ug/l	97
68) m/p-Xylenes	11.592	106	3271	0.44	ug/l	99
69) o-Xylene	11.923	106	1839	0.26	ug/l	96
70) Styrene	11.939	104	3511	0.29	ug/l	98
71) Bromoform	12.376	173	1338	0.37	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	124534	26.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	124534	65.96	ug/l #	15
90) Hexachloroethane	13.698	117	820	0.30	ug/l #	9
95) Naphthalene	15.106	128	68535	8.66	ug/l	100

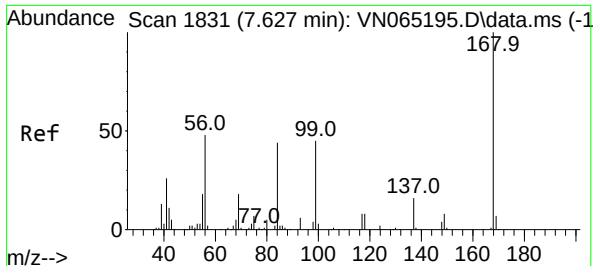
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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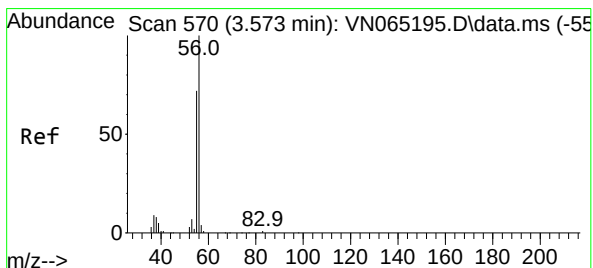
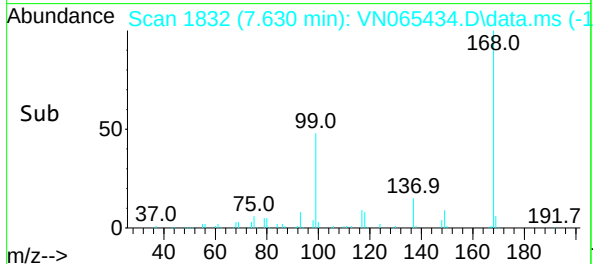
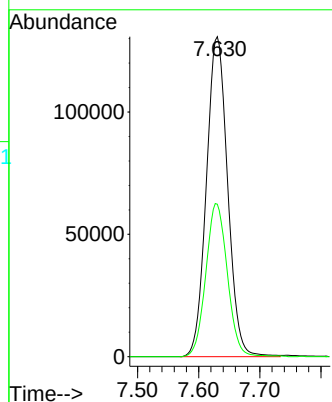
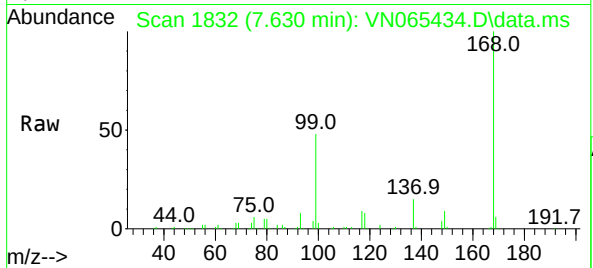




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

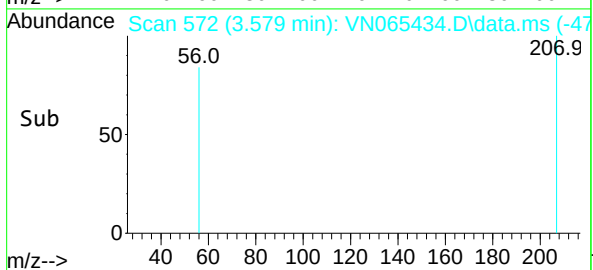
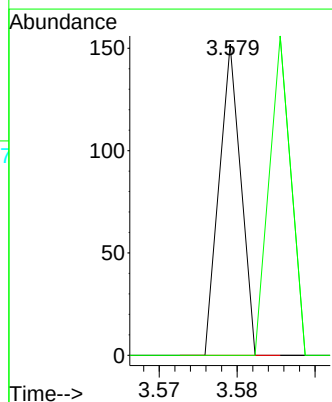
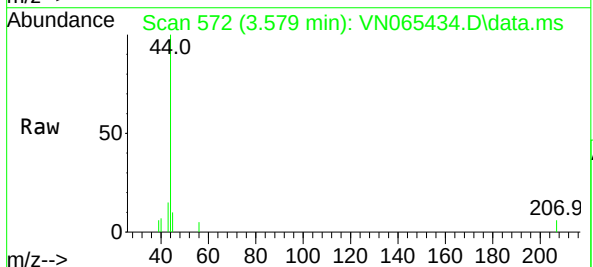
Instrument :
MSVOA_N
ClientSampleId :
IBLK

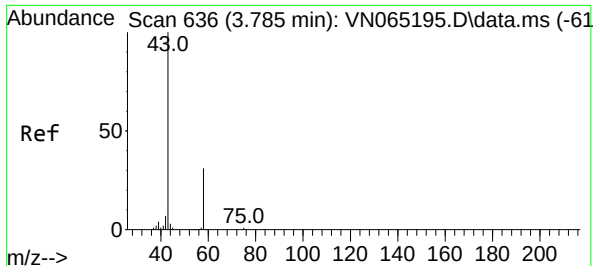
Tgt Ion:168 Resp: 315935
Ion Ratio Lower Upper
168 100
99 47.7 43.0 64.4



#13
Acrolein
Concen: 2.48 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.006 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 103.4 56.5 84.7#

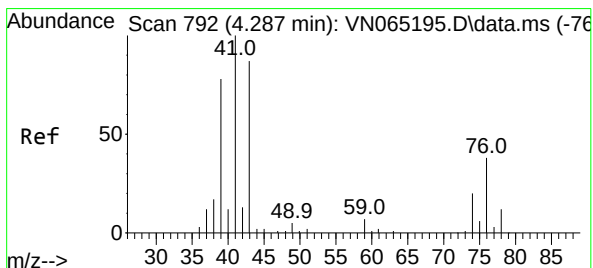
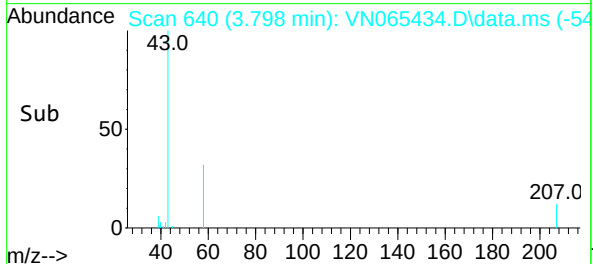
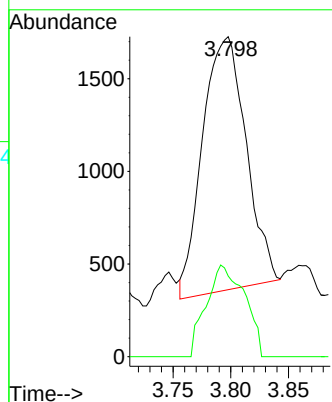
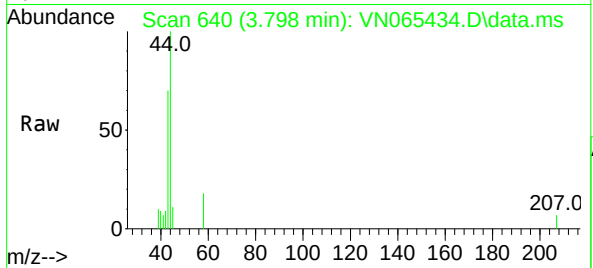




#16
Acetone
Concen: Below Cal
RT: 3.798 min Scan# 640
Delta R.T. 0.013 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

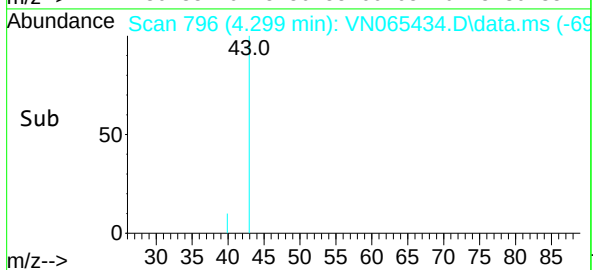
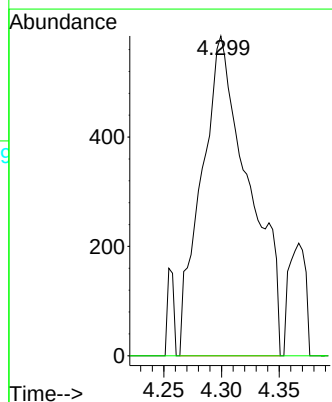
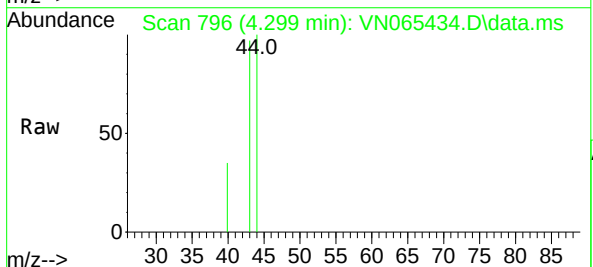
Instrument :
MSVOA_N
ClientSampled :
IBLK

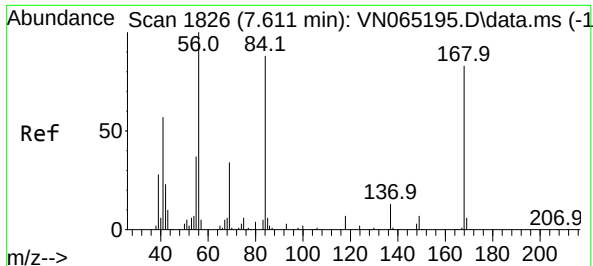
Tgt Ion: 43 Resp: 3600
Ion Ratio Lower Upper
43 100
58 33.2 25.7 38.5



#18
Methyl Acetate
Concen: 0.52 ug/l
RT: 4.299 min Scan# 796
Delta R.T. 0.012 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

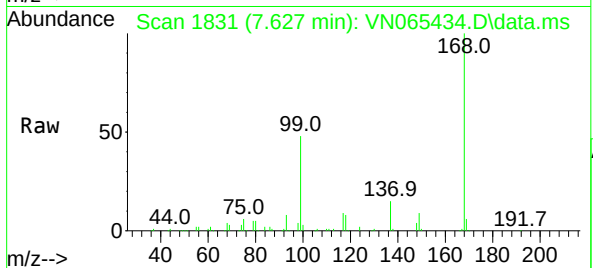
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



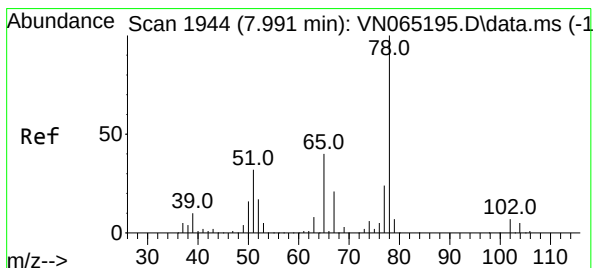
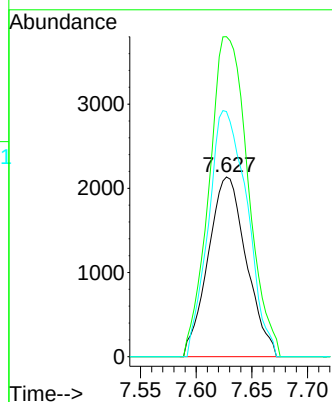
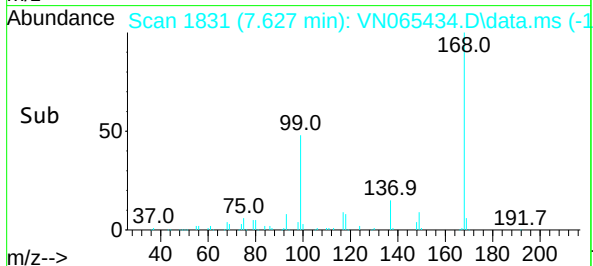


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

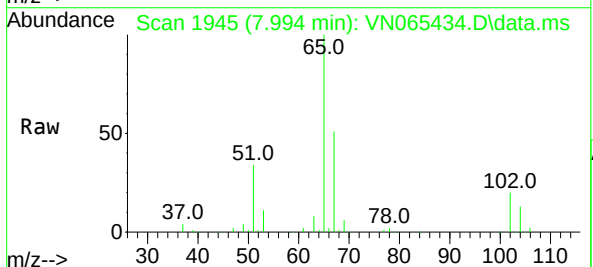
Instrument :
MSVOA_N
ClientSampled :
IBLK



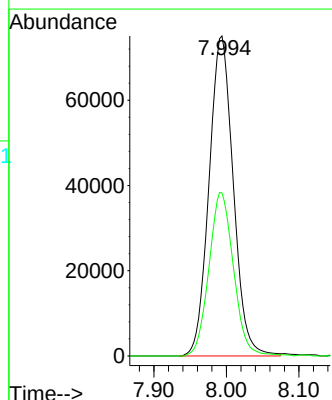
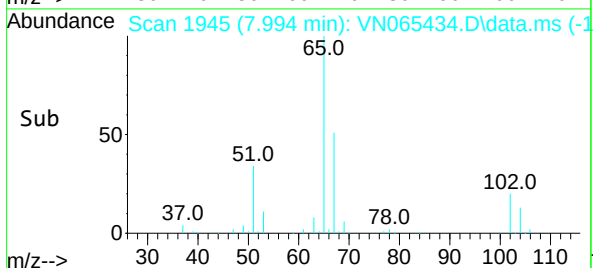
Tgt Ion: 56 Resp: 5101
Ion Ratio Lower Upper
56 100
69 178.0 27.5 41.3#
84 136.3 73.9 110.9#

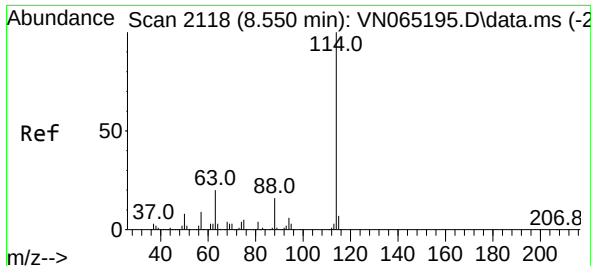


#33
1,2-Dichloroethane-d4
Concen: 48.89 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09



Tgt Ion: 65 Resp: 174371
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.2



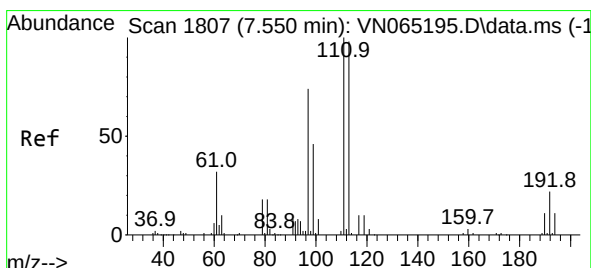
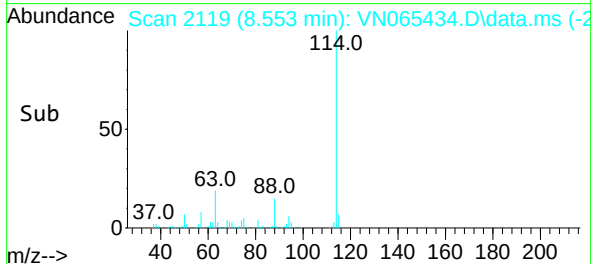
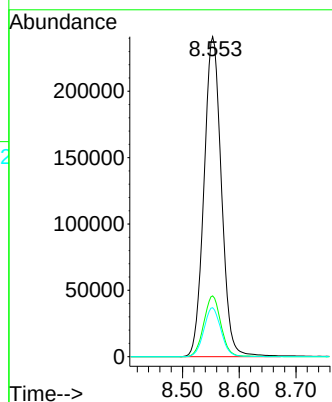
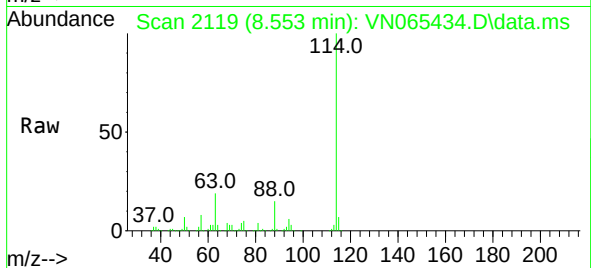


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

Instrument :
MSVOA_N
ClientSampled :
IBLK

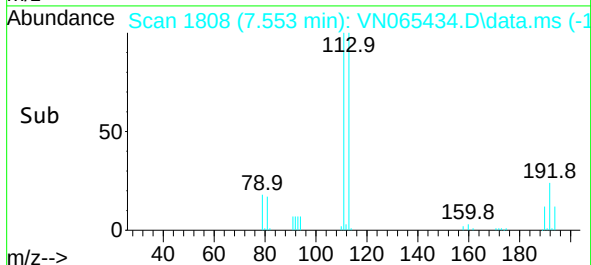
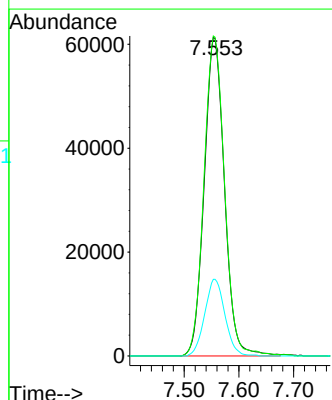
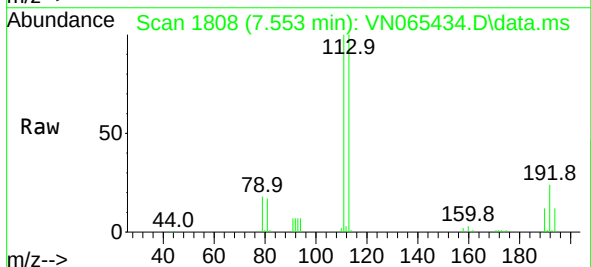
Tgt Ion:114 Resp: 514540
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.3 0.0 32.6

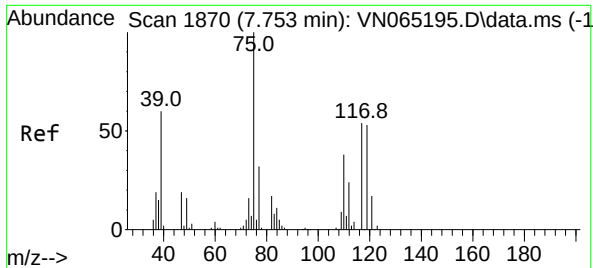


#35

Dibromofluoromethane
Concen: 50.80 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

Tgt Ion:113 Resp: 157704
Ion Ratio Lower Upper
113 100
111 102.0 81.6 122.4
192 24.0 16.2 24.2

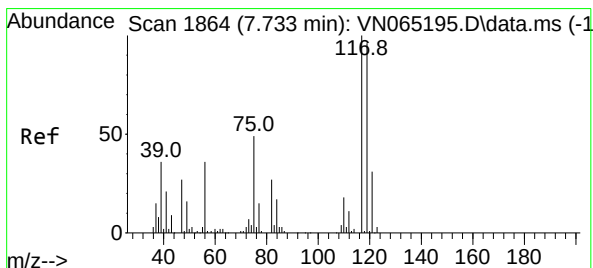
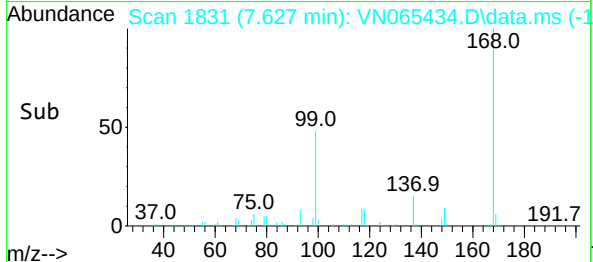
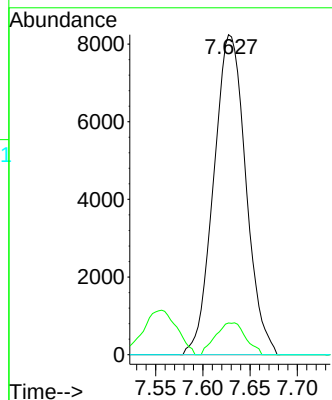
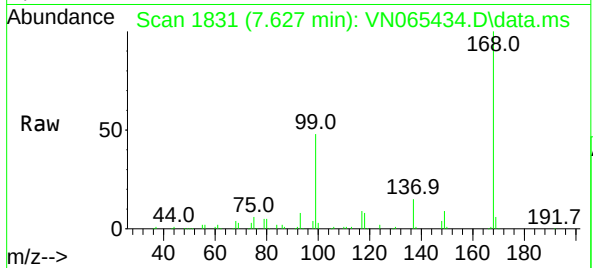




#36
1,1-Dichloropropene
Concen: 4.17 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

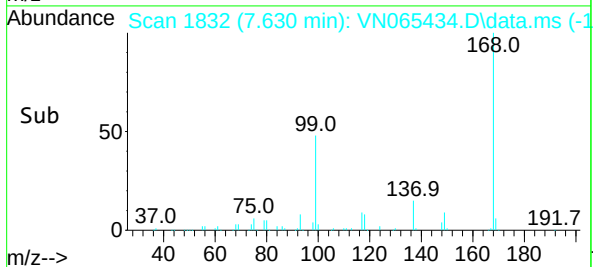
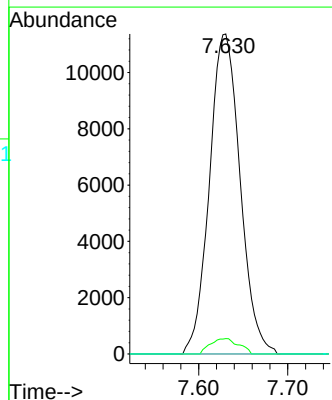
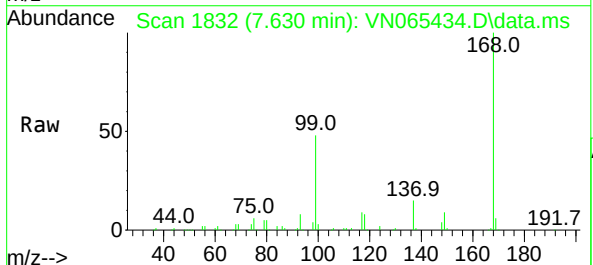
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ClientSampled :
IBLK

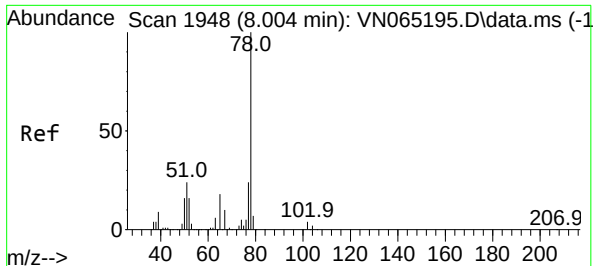
Tgt Ion: 75 Resp: 19515
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

Tgt Ion: 117 Resp: 27222
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 25.4 38.2#

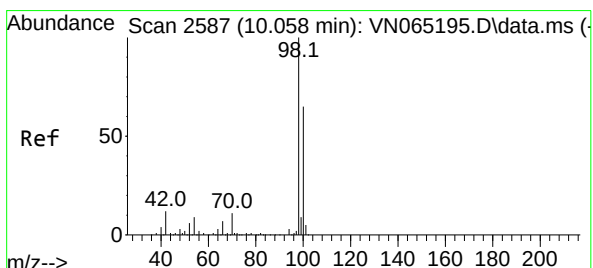
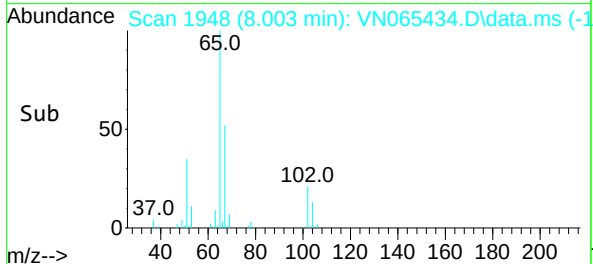
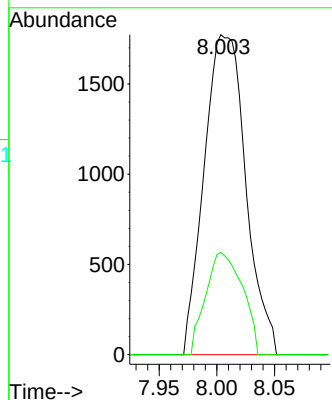
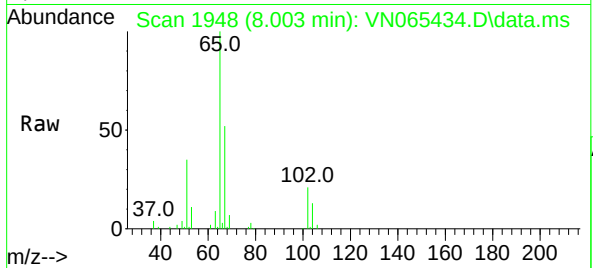




#40
Benzene
Concen: 0.32 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

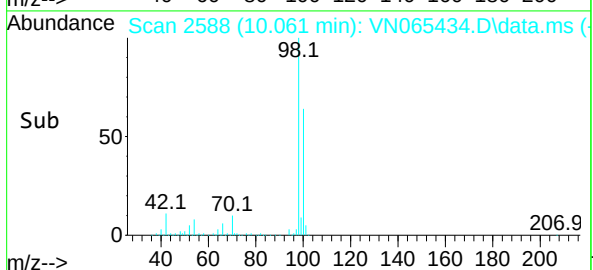
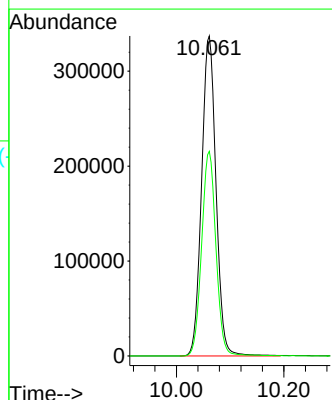
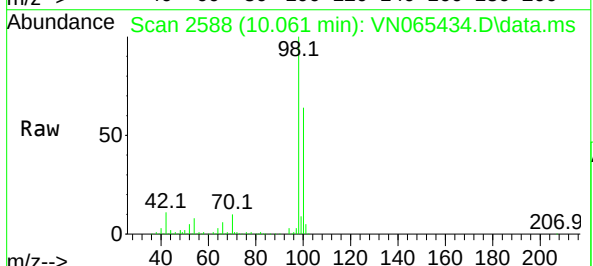
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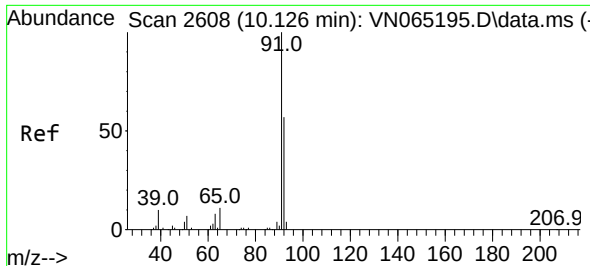
Tgt Ion: 78 Resp: 4448
Ion Ratio Lower Upper
78 100
77 32.0 17.9 26.9#



#50
Toluene-d8
Concen: 53.84 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

Tgt Ion: 98 Resp: 626425
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5

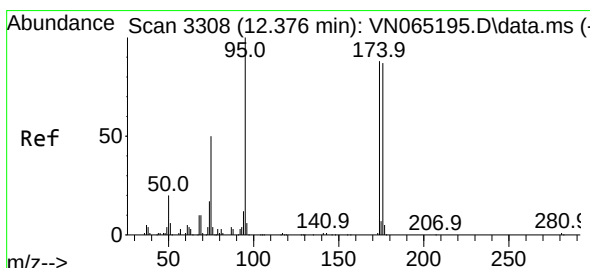
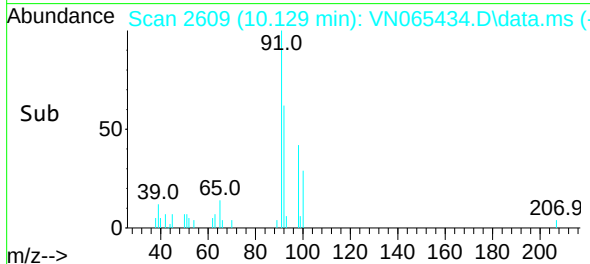
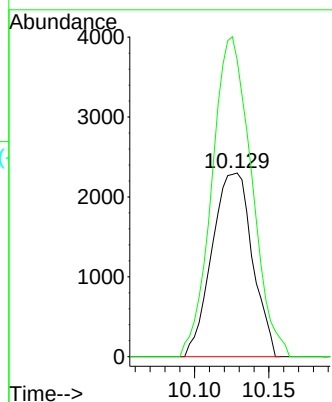
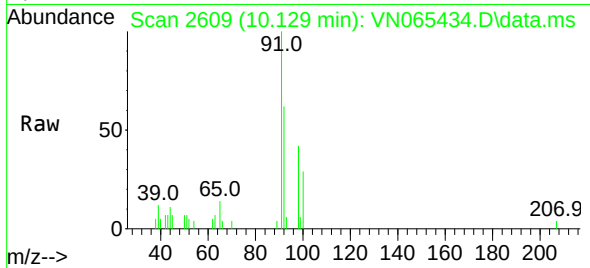




#52
Toluene
Concen: 0.50 ug/l
RT: 10.129 min Scan# 2609
Delta R.T. 0.003 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

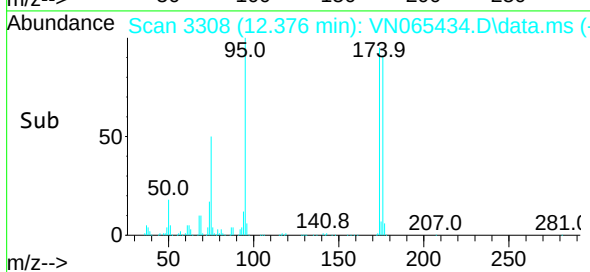
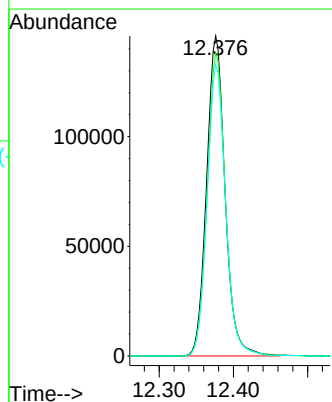
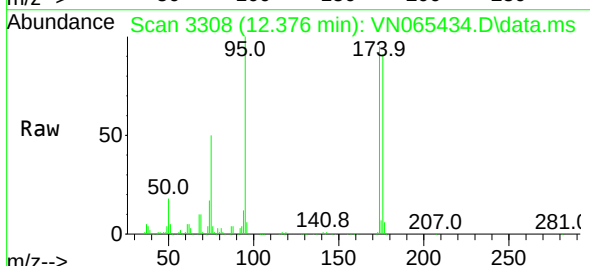
Instrument :
MSVOA_N
ClientSampleId :
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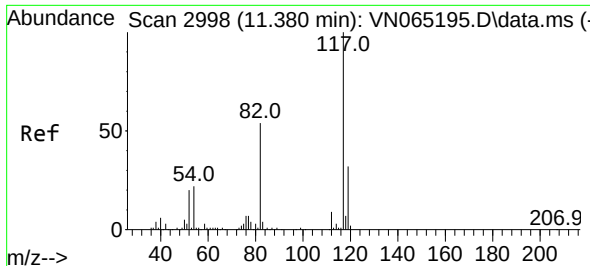
Tgt Ion: 92 Resp: 4355
Ion Ratio Lower Upper
92 100
91 170.3 139.1 208.7



#62
4-Bromofluorobenzene
Concen: 54.38 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

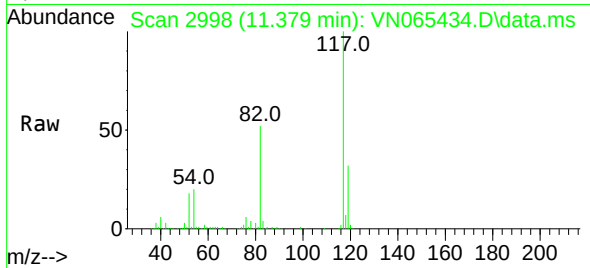
Tgt Ion: 95 Resp: 252511
Ion Ratio Lower Upper
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174 94.3 0.0 160.4
176 91.0 0.0 158.4



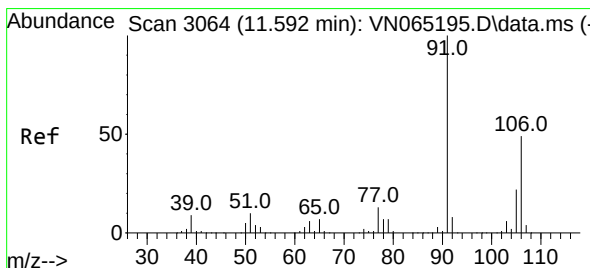
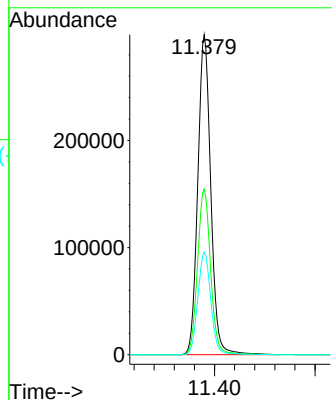
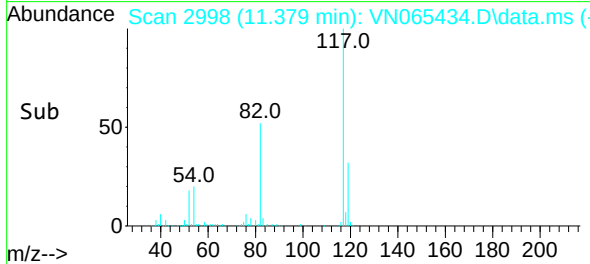


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

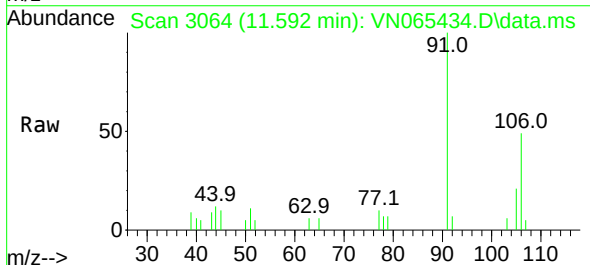
Instrument :
MSVOA_N
ClientSampleId :
IBLK



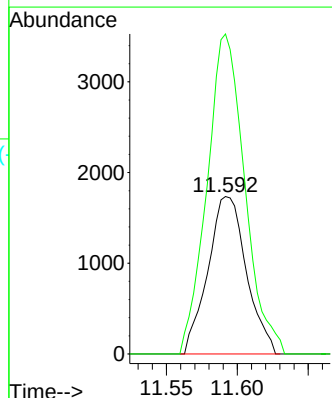
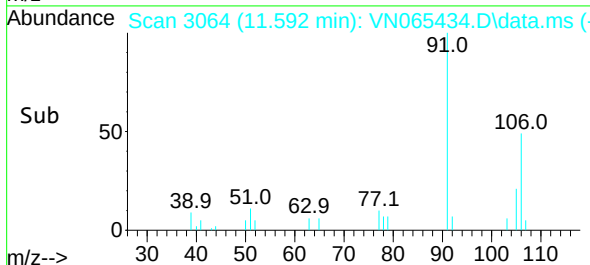
Tgt Ion:117 Resp: 534447
Ion Ratio Lower Upper
117 100
82 51.7 44.2 66.2
119 32.1 25.8 38.6

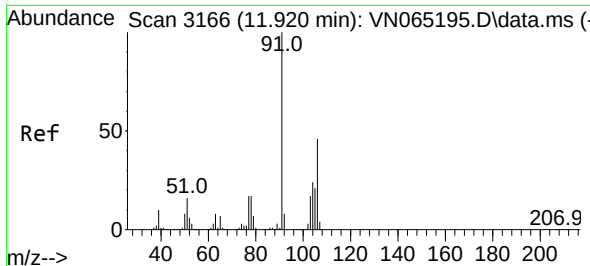


#68
m/p-Xylenes
Concen: 0.44 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09



Tgt Ion:106 Resp: 3271
Ion Ratio Lower Upper
106 100
91 199.1 161.0 241.4

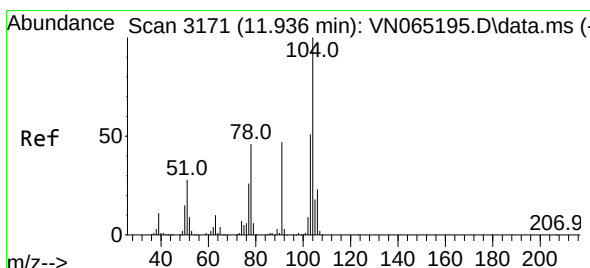
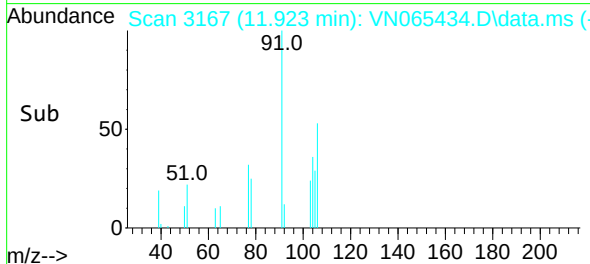
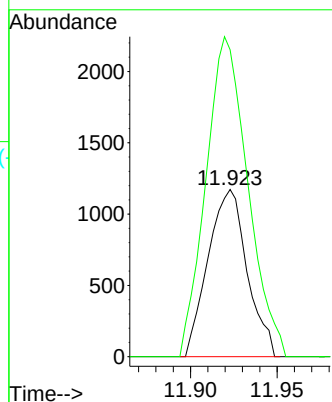
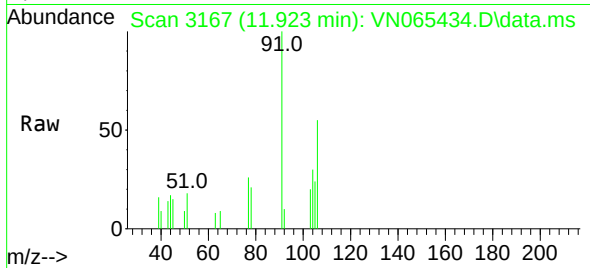




#69
o-Xylene
Concen: 0.26 ug/l
RT: 11.923 min Scan# 3167
Delta R.T. 0.003 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

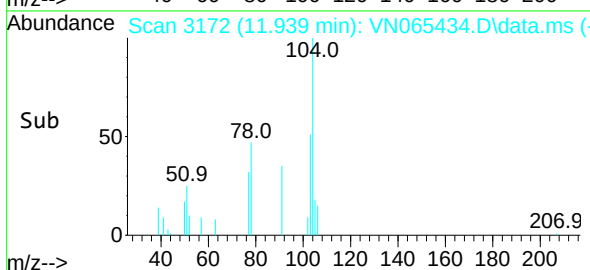
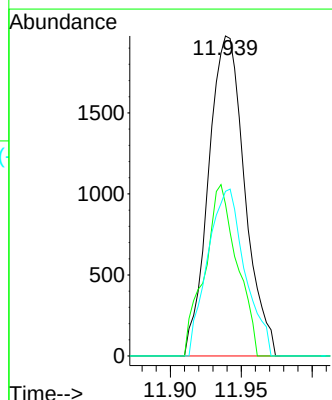
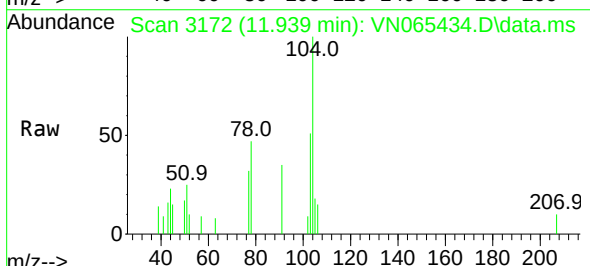
Instrument :
MSVOA_N
ClientSampled :
IBLK

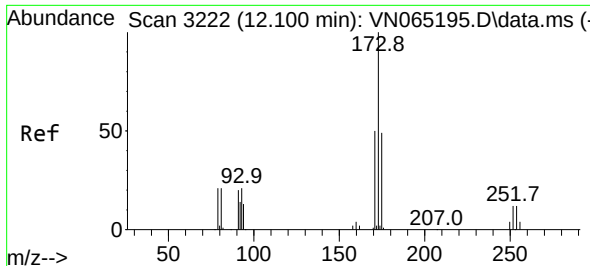
Tgt Ion:106 Resp: 1839
Ion Ratio Lower Upper
106 100
91 205.1 105.5 316.5



#70
Styrene
Concen: 0.29 ug/l
RT: 11.939 min Scan# 3172
Delta R.T. 0.003 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

Tgt Ion:104 Resp: 3511
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 53.7 44.3 66.5

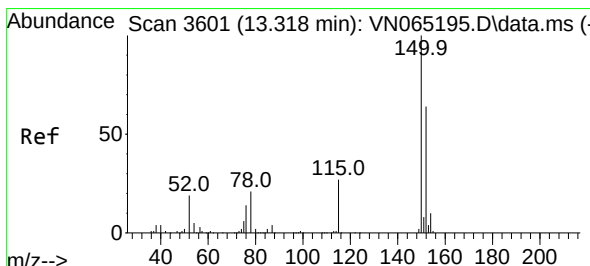
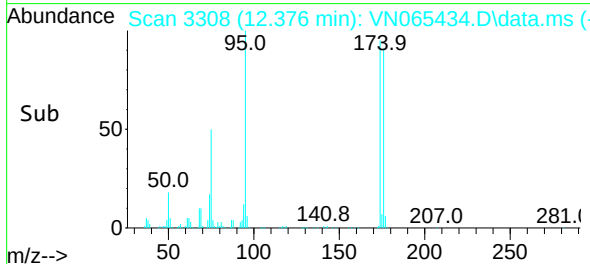
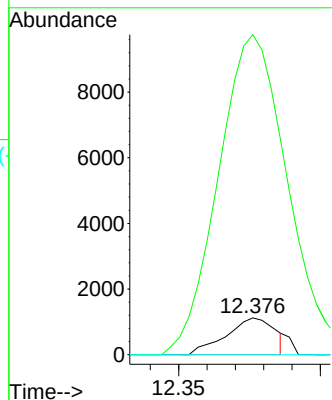
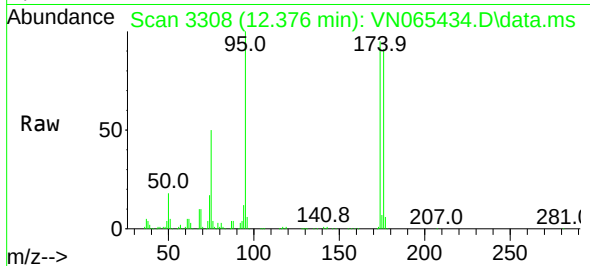




#71
Bromoform
Concen: 0.37 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

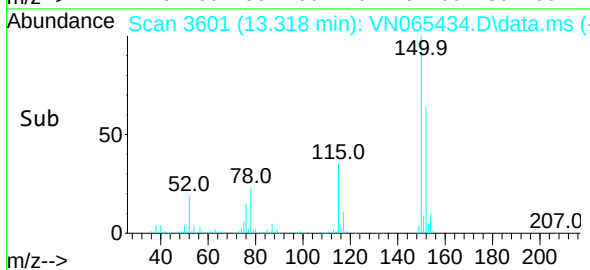
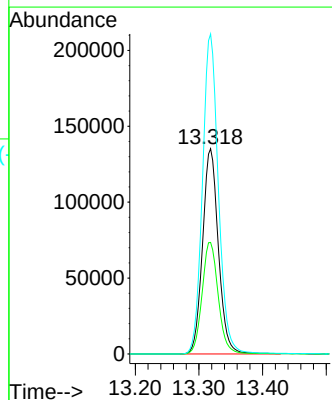
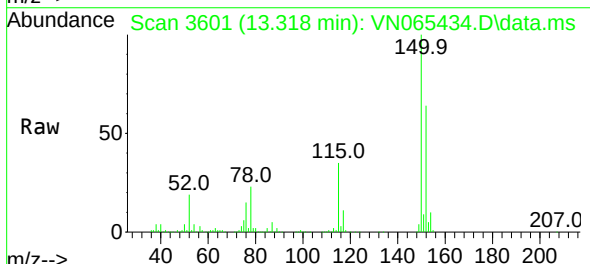
Instrument :
MSVOA_N
ClientSampleId :
IBLK

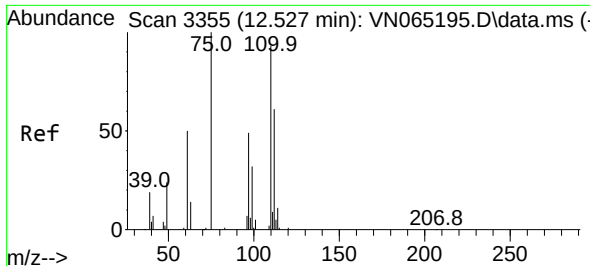
Tgt Ion:173 Resp: 1338
Ion Ratio Lower Upper
173 100
175 1024.4 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

Tgt Ion:152 Resp: 233374
Ion Ratio Lower Upper
152 100
115 55.6 29.7 89.1
150 157.1 0.0 350.6

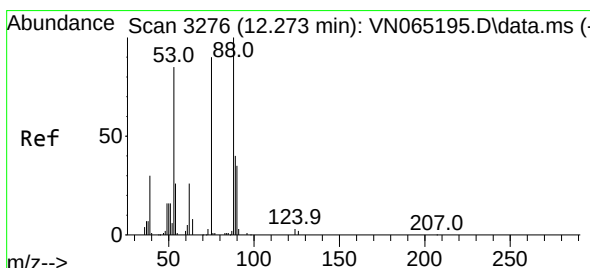
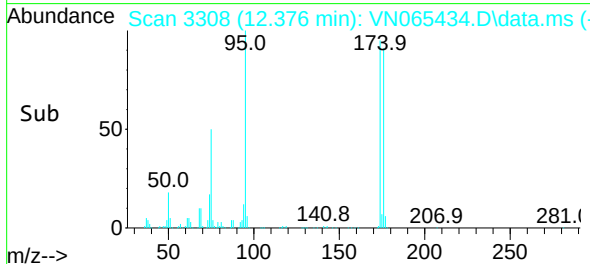
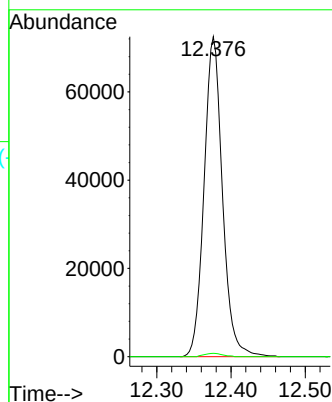
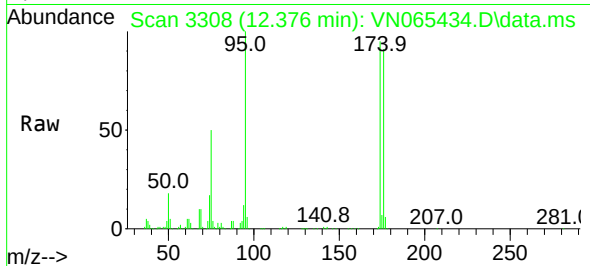




#76
1,2,3-Trichloropropane
Concen: 26.16 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

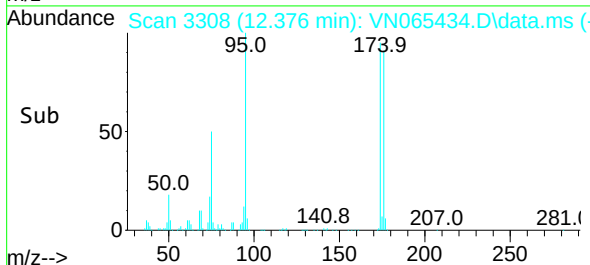
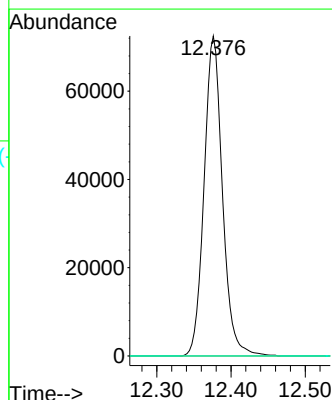
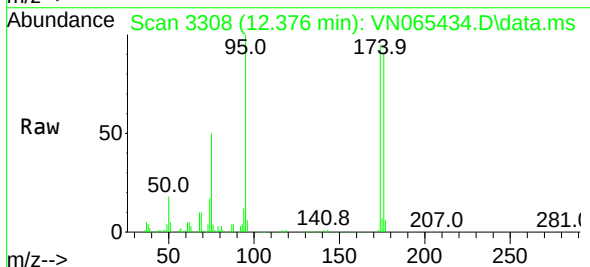
Instrument :
MSVOA_N
ClientSampleId :
IBLK

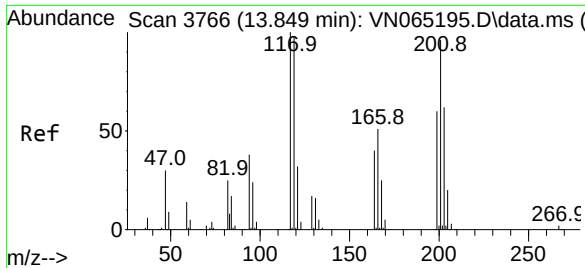
Tgt Ion: 75 Resp: 124534
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.96 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

Tgt Ion: 75 Resp: 124534
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

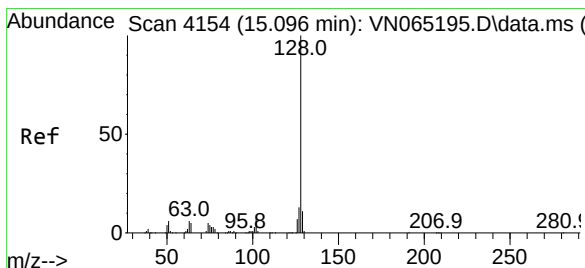
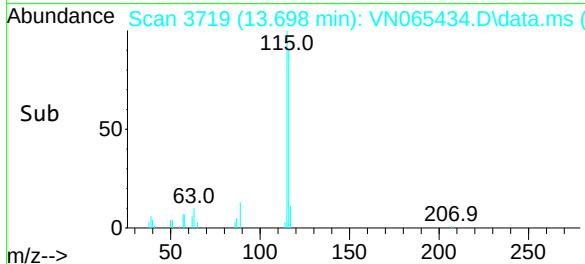
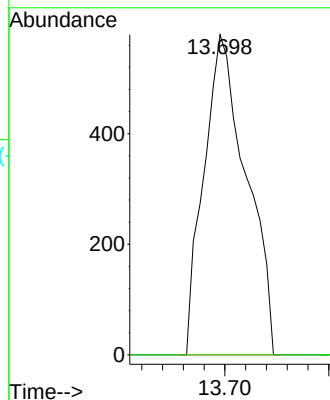
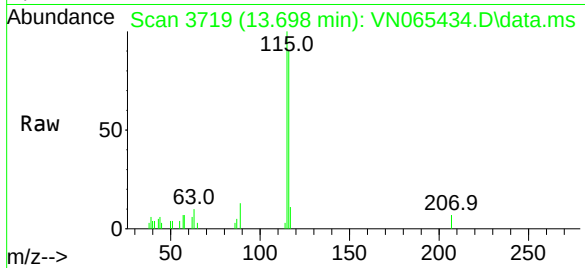




#90
Hexachloroethane
Concen: 0.30 ug/l
RT: 13.698 min Scan# 3719
Delta R.T. -0.151 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:117 Resp: 820
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#



#95
Naphthalene
Concen: 8.66 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065434.D
Acq: 7 Jan 2021 18:09

Tgt Ion:128 Resp: 68535
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1

