

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010521\
 Data File : VN065383.D
 Acq On : 5 Jan 2021 13:08
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 06 01:15:47 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)

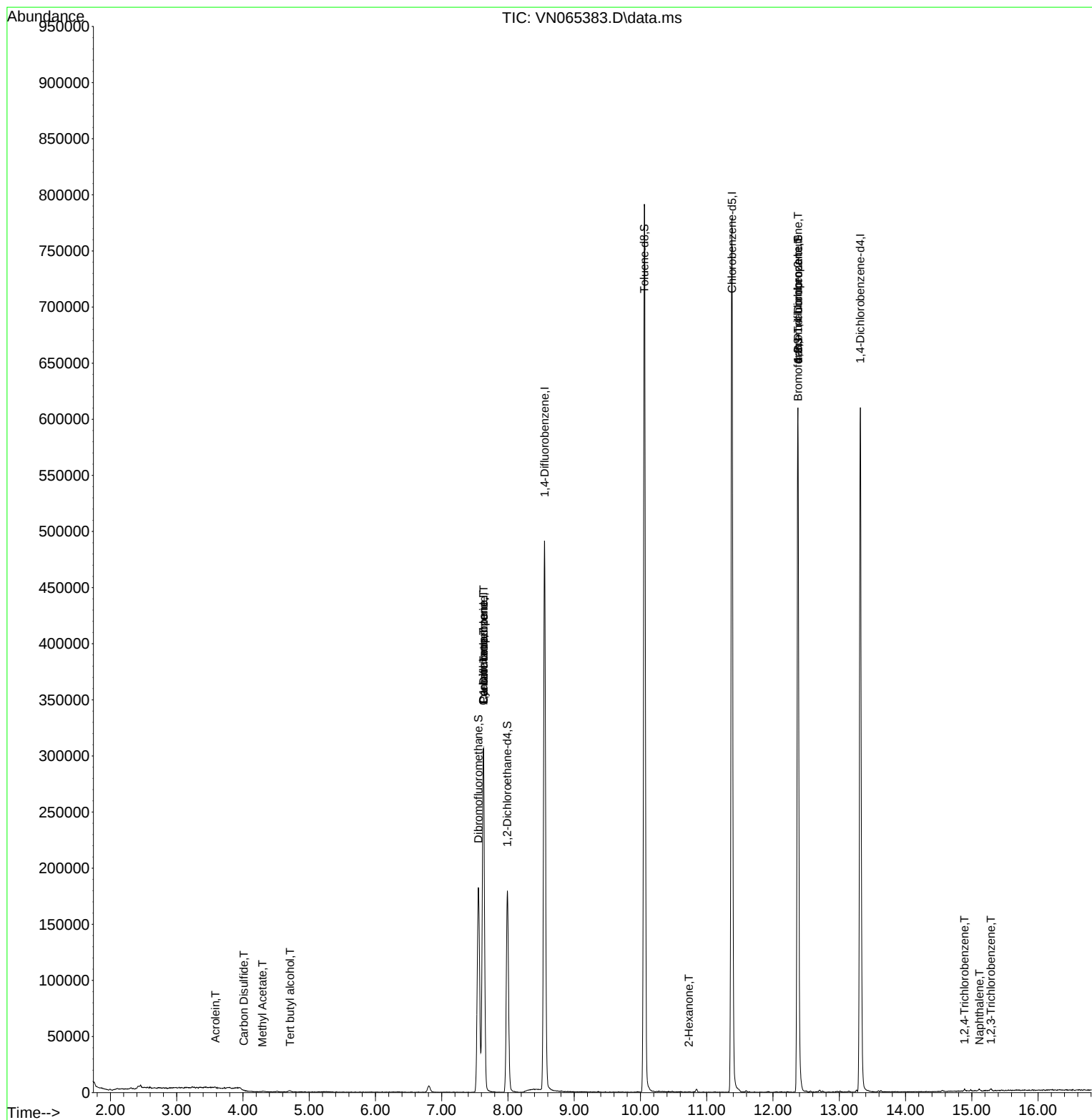
Internal Standards						
1) Pentafluorobenzene	7.630	168	277466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	469446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	492158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	189971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	156587	49.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.98%			
35) Dibromofluoromethane	7.553	113	143353	50.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.24%			
50) Toluene-d8	10.058	98	582155	54.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.68%			
62) 4-Bromofluorobenzene	12.376	95	218102	51.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.50%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.711	59	616	1.20	ug/l #	73
13) Acrolein	3.586	56	205	3.00	ug/l #	1
16) Acetone	3.782	43	325	Below Cal	#	43
17) Carbon Disulfide	4.013	76	1591	0.23	ug/l #	75
18) Methyl Acetate	4.293	43	605	0.22	ug/l #	50
31) Cyclohexane	7.627	56	4770	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	17047	3.99	ug/l #	49
38) Carbon Tetrachloride	7.630	117	23794	5.31	ug/l #	16
59) 2-Hexanone	10.730	43	718	0.24	ug/l #	23
71) Bromoform	12.379	173	1579	0.47	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	105558	27.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	105558	68.68	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.891	180	820	3.04	ug/l #	79
95) Naphthalene	15.116	128	2558	3.61	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.289	180	1180	3.54	ug/l #	79

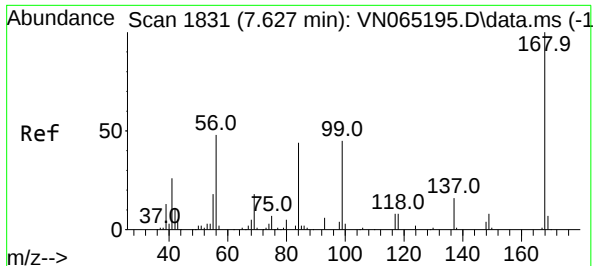
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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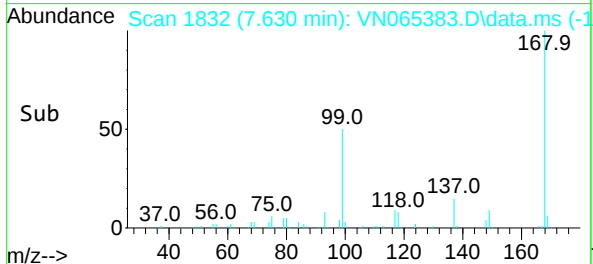
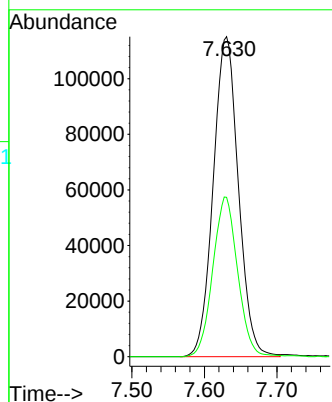
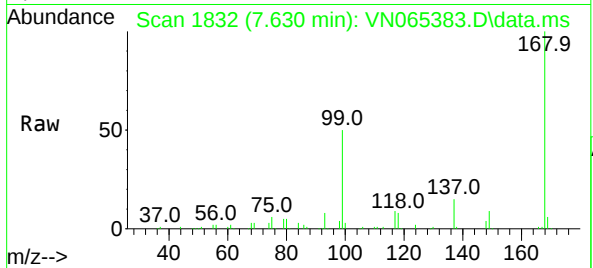




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

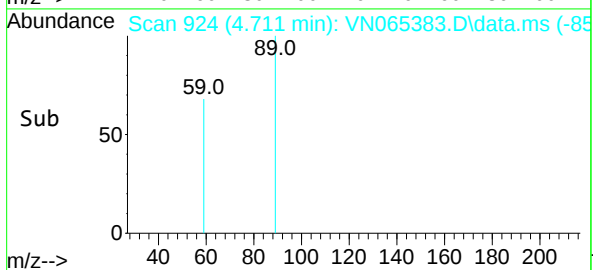
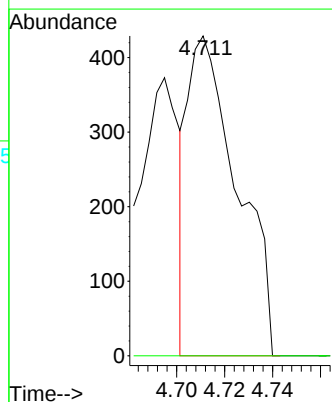
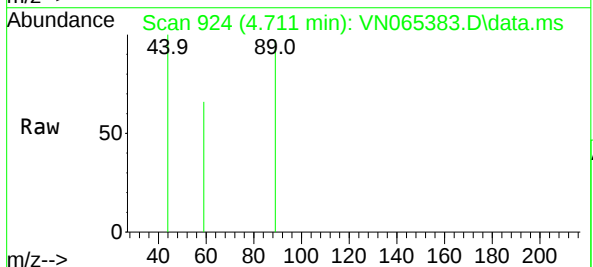
Instrument :
MSVOA_N
ClientSampled :
IBLK

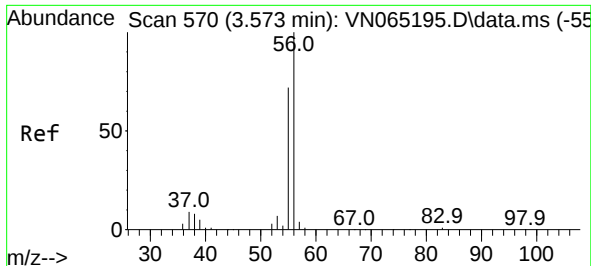
Tgt Ion:168 Resp: 277466
Ion Ratio Lower Upper
168 100
99 49.8 43.0 64.4



#11
Tert butyl alcohol
Concen: 1.20 ug/l
RT: 4.711 min Scan# 924
Delta R.T. -0.061 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

Tgt Ion: 59 Resp: 616
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

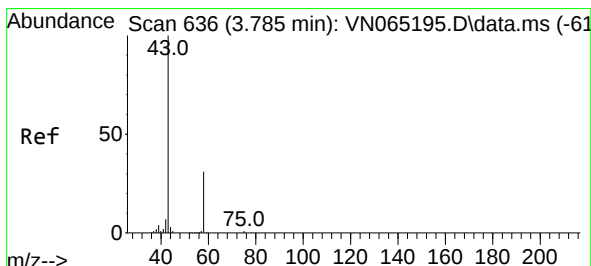
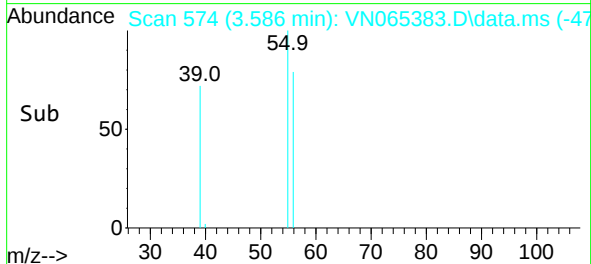
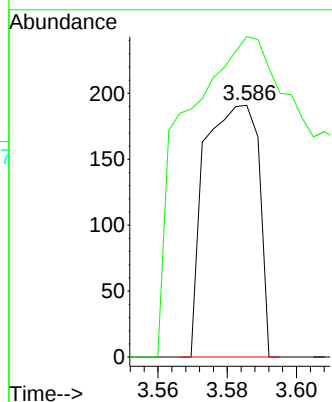
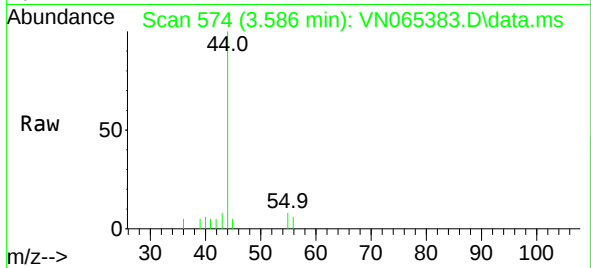




#13
Acrolein
Concen: 3.00 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.013 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

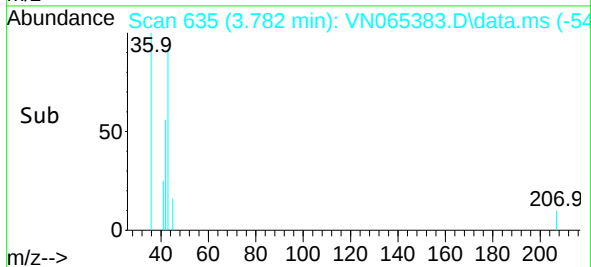
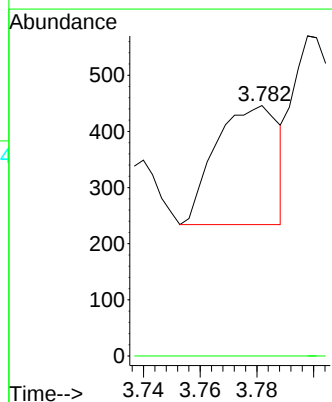
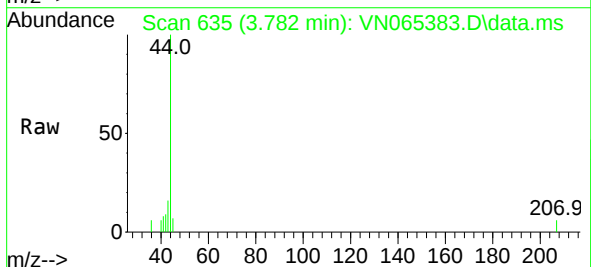
Instrument :
MSVOA_N
ClientSampled :
IBLK

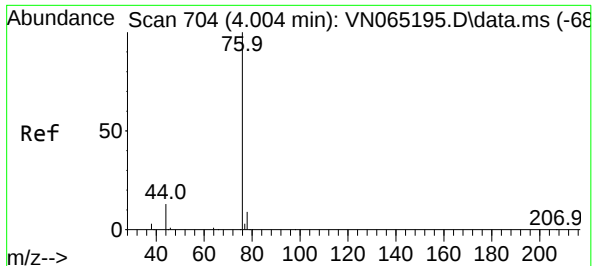
Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 300.5 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.782 min Scan# 635
Delta R.T. -0.003 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#

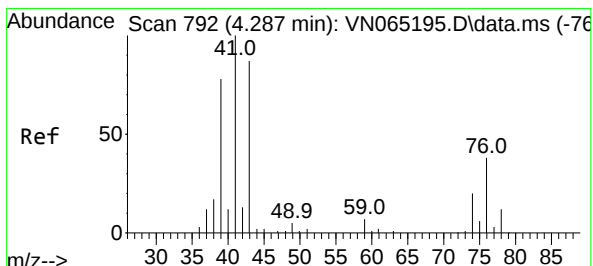
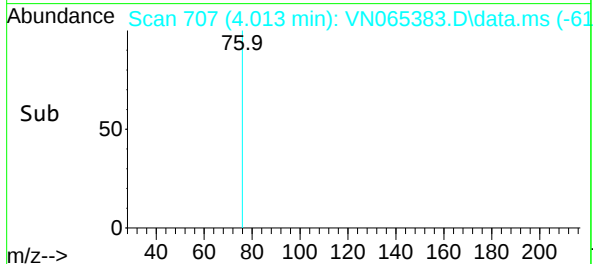
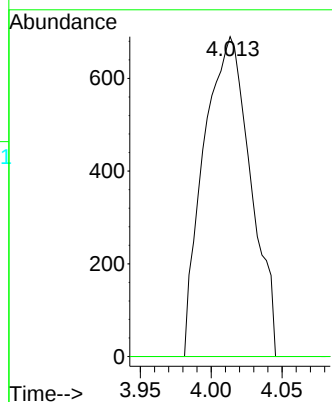
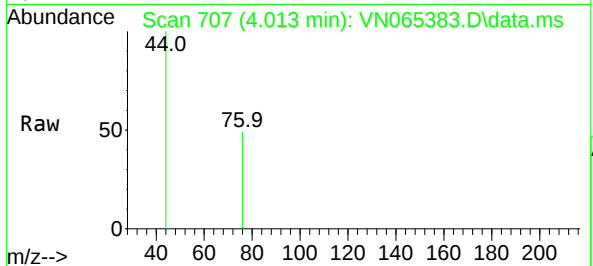




#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 4.013 min Scan# 707
Delta R.T. 0.009 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

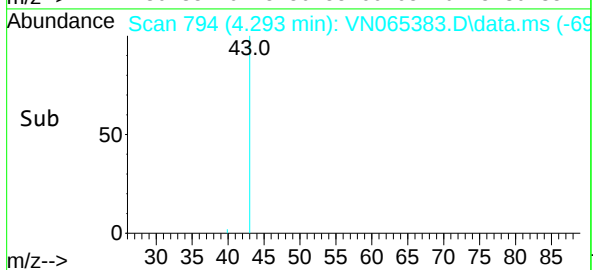
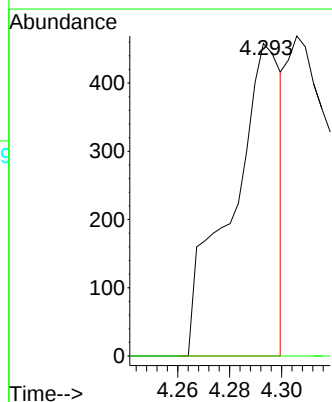
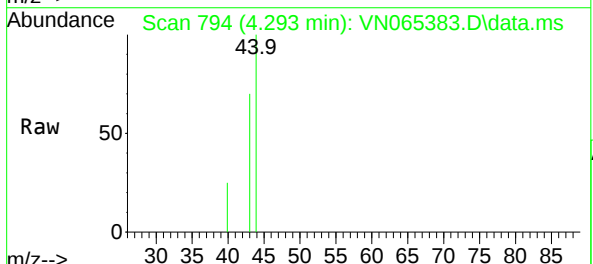
Instrument :
MSVOA_N
ClientSampled :
IBLK

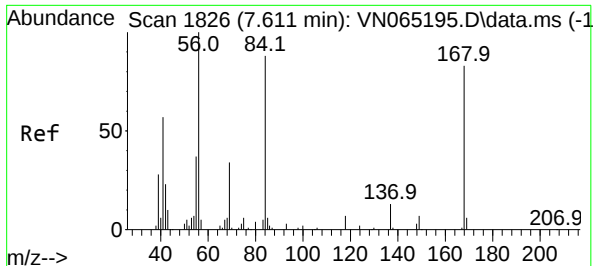
Tgt Ion: 76 Resp: 1591
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

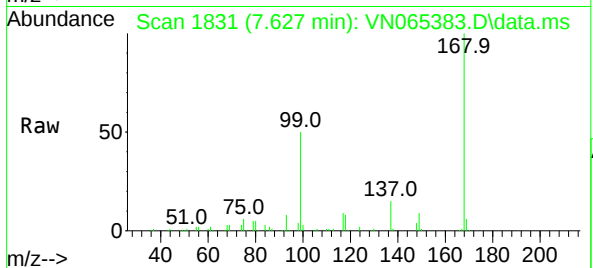
Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



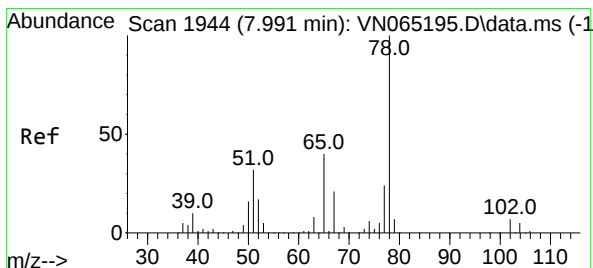
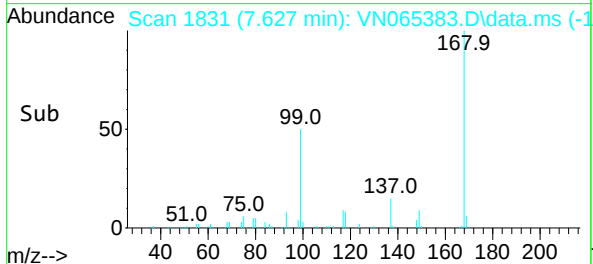
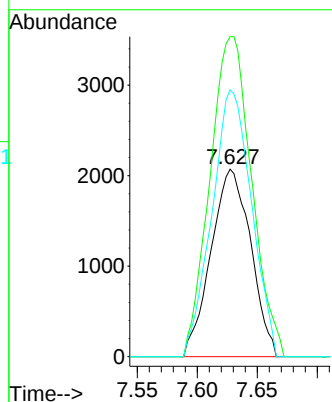


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

Instrument :
MSVOA_N
ClientSampled :
IBLK

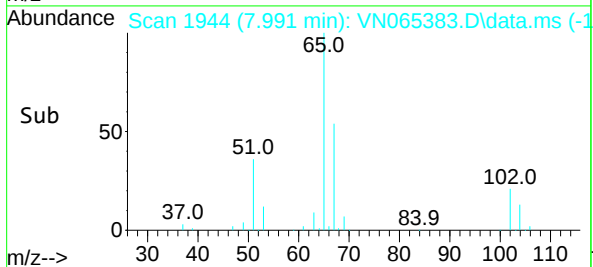
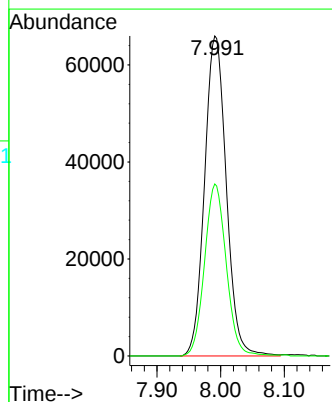
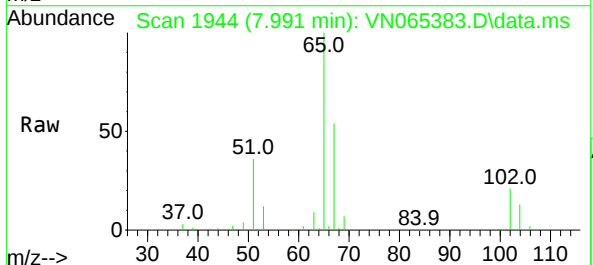


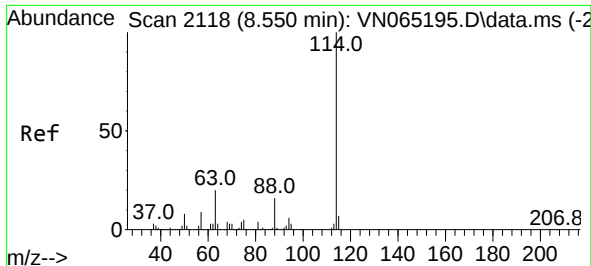
Tgt Ion: 56 Resp: 4770
Ion Ratio Lower Upper
56 100
69 170.6 27.5 41.3#
84 142.3 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 49.99 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

Tgt Ion: 65 Resp: 156587
Ion Ratio Lower Upper
65 100
67 53.6 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: VN065383.D

Acq: 5 Jan 2021 13:08

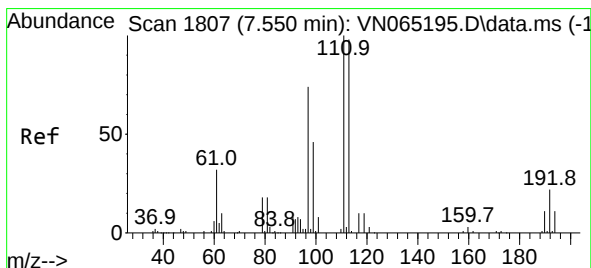
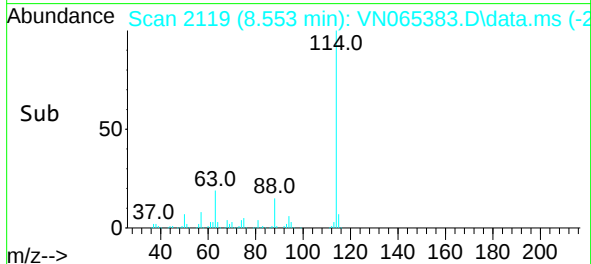
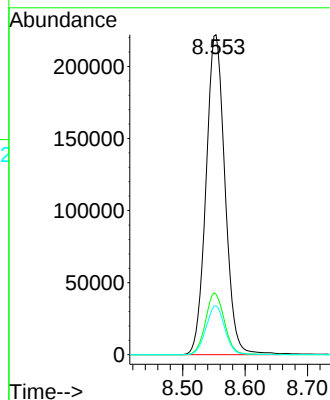
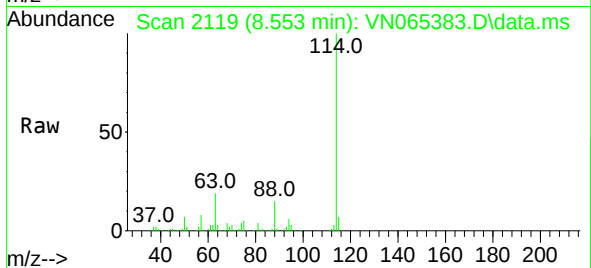
Tgt Ion:114 Resp: 469446

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.62 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN065383.D

Acq: 5 Jan 2021 13:08

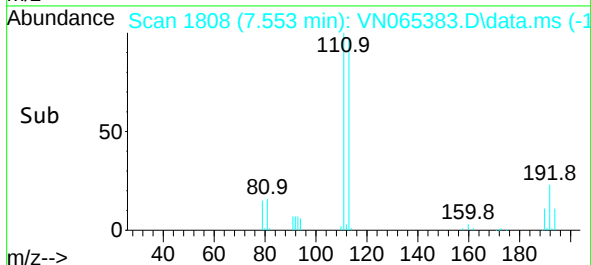
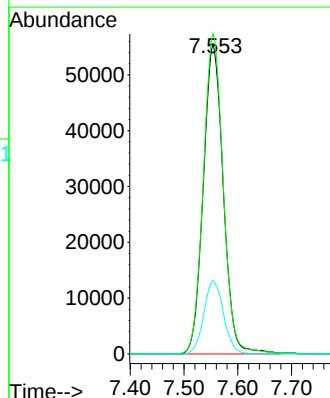
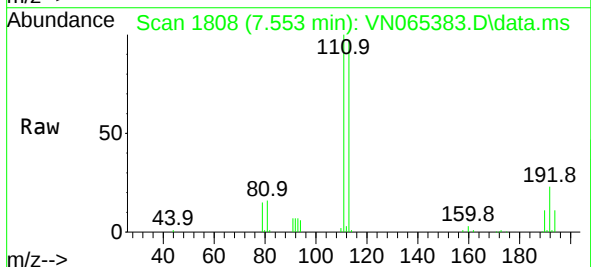
Tgt Ion:113 Resp: 143353

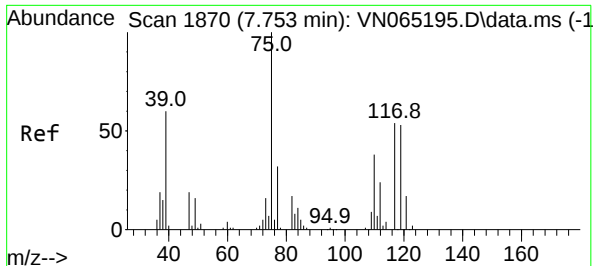
Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

192 23.4 16.2 24.2

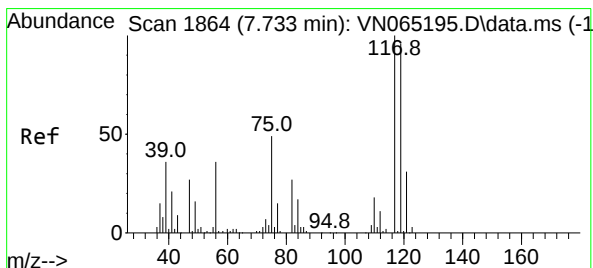
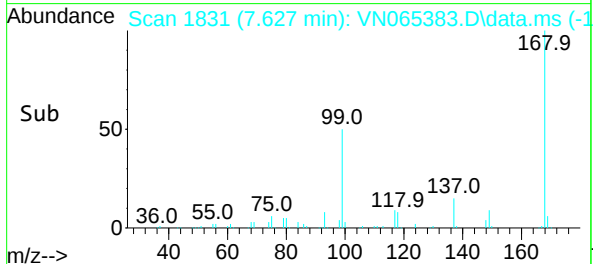
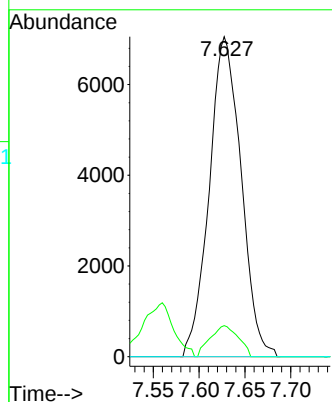
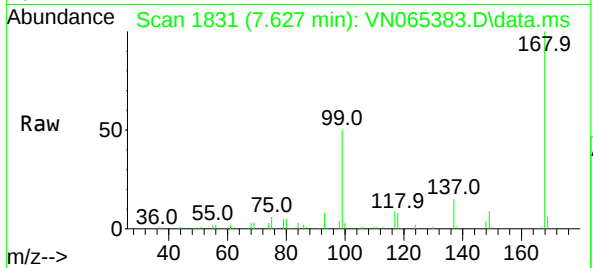




#36
1,1-Dichloropropene
Concen: 3.99 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

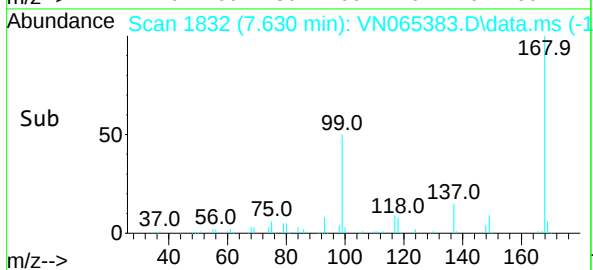
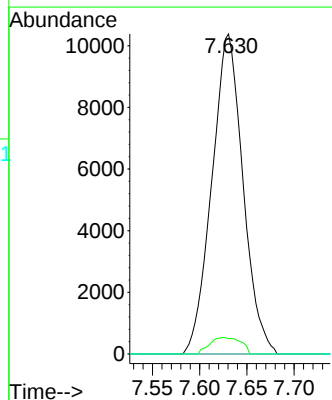
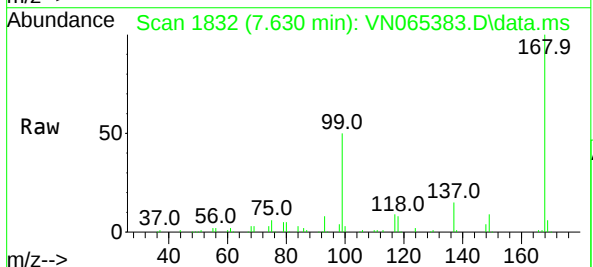
Instrument :
MSVOA_N
ClientSampled :
IBLK

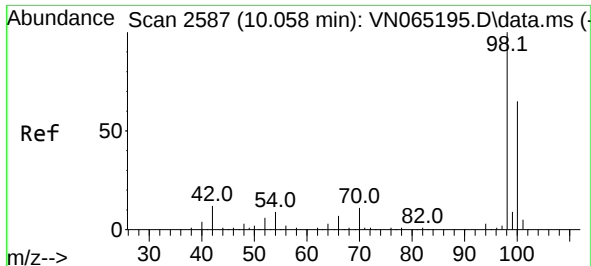
Tgt Ion: 75 Resp: 17047
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.31 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

Tgt Ion: 117 Resp: 23794
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 25.4 38.2#

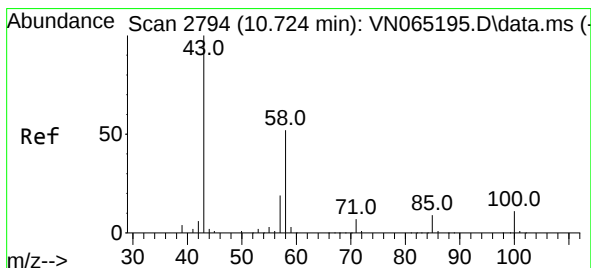
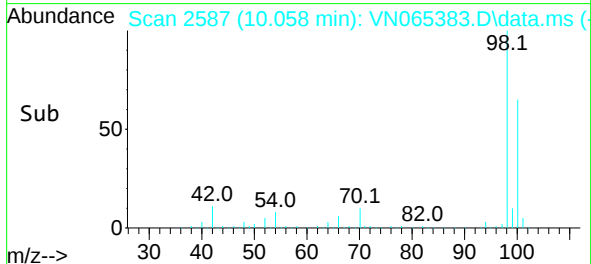
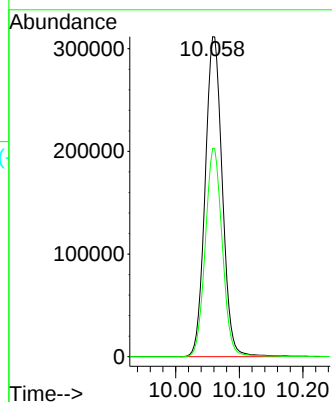
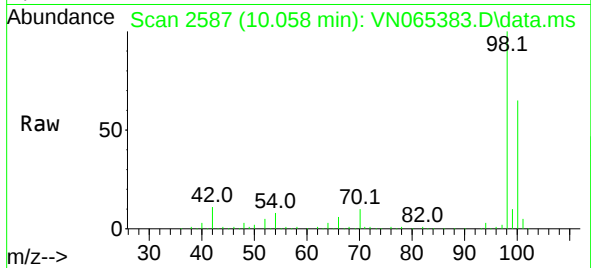




#50
Toluene-d8
Concen: 54.84 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

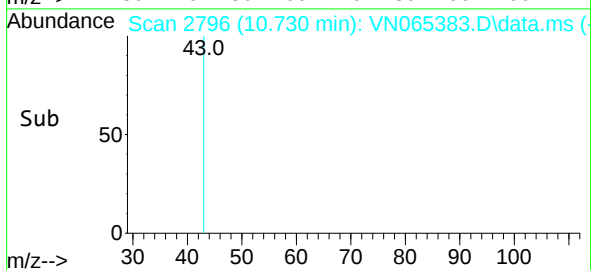
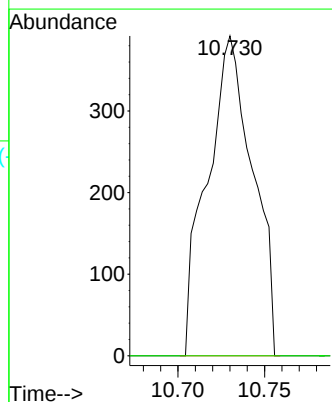
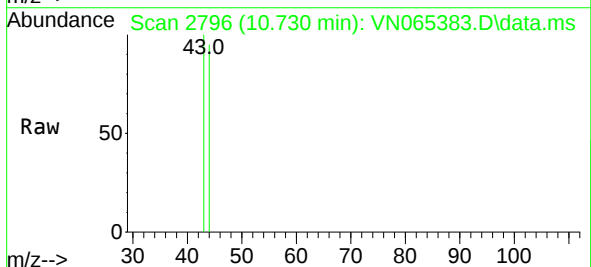
Instrument :
MSVOA_N
ClientSampled :
IBLK

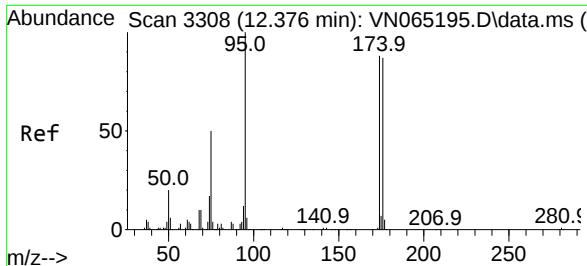
Tgt Ion: 98 Resp: 582155
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#59
2-Hexanone
Concen: 0.24 ug/l
RT: 10.730 min Scan# 2796
Delta R.T. 0.006 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

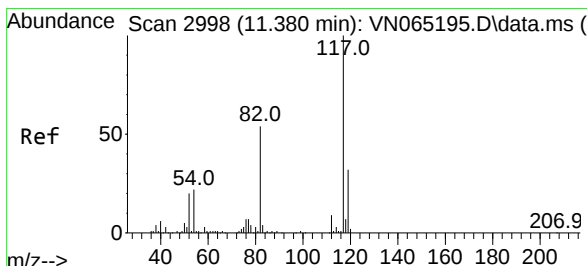
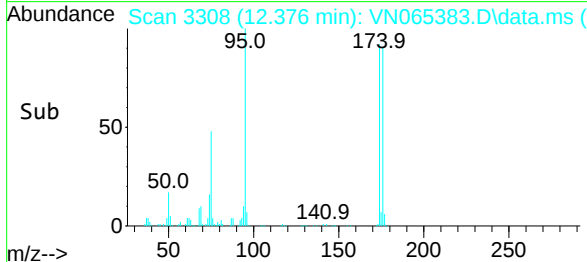
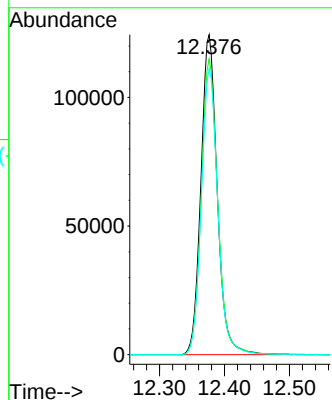
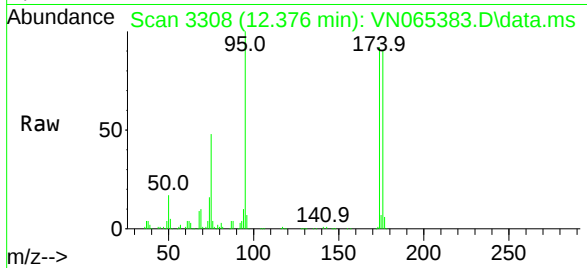




#62
4-Bromofluorobenzene
Concen: 51.75 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

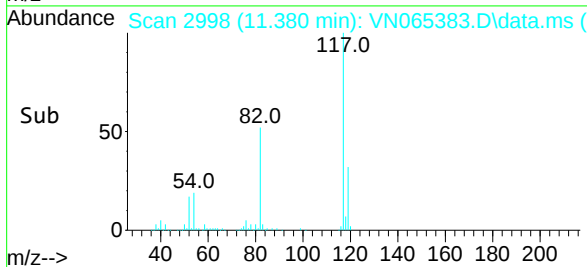
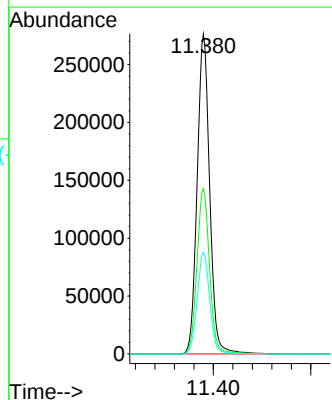
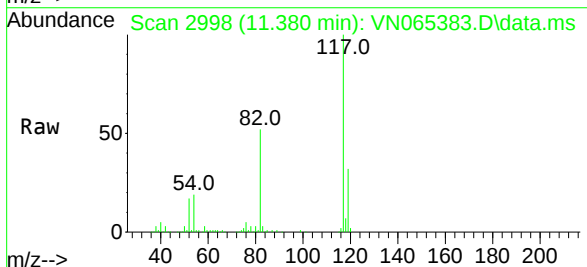
Instrument :
MSVOA_N
ClientSampleId :
IBLK

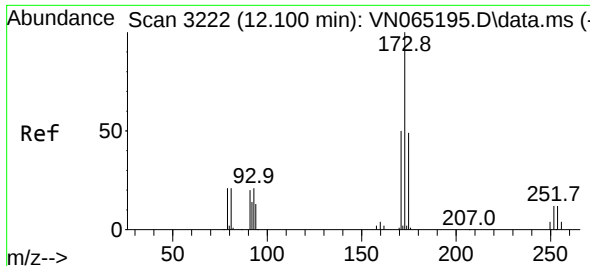
Tgt Ion: 95 Resp: 218102
Ion Ratio Lower Upper
95 100
174 93.4 0.0 160.4
176 89.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

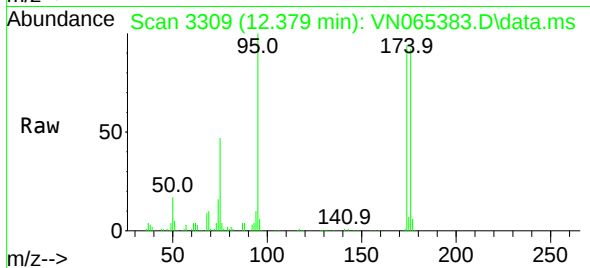
Tgt Ion: 117 Resp: 492158
Ion Ratio Lower Upper
117 100
82 51.7 44.2 66.2
119 31.7 25.8 38.6



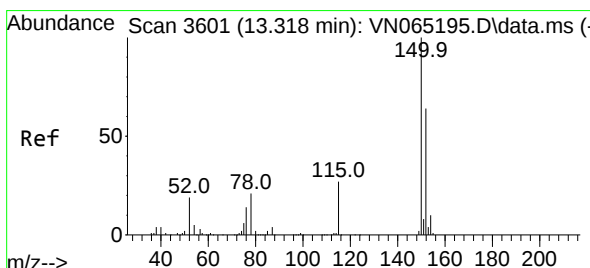
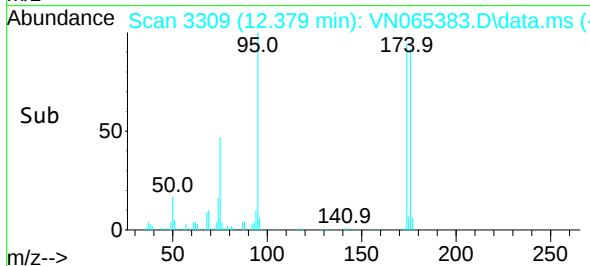
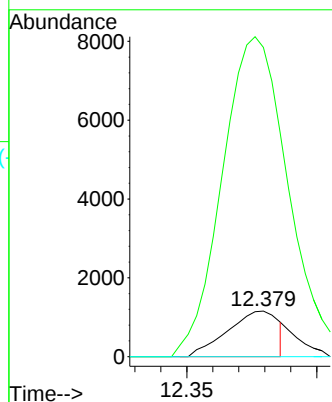


#71
Bromoform
Concen: 0.47 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.279 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

Instrument :
MSVOA_N
ClientSampled :
IBLK

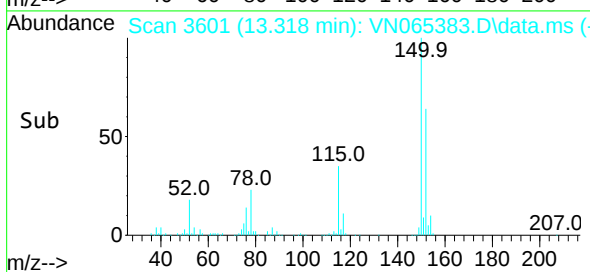
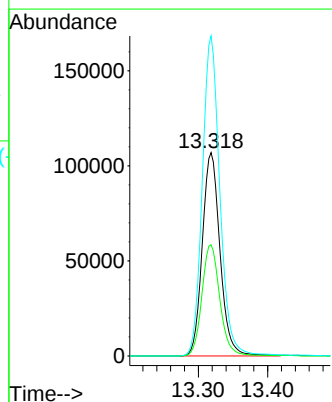
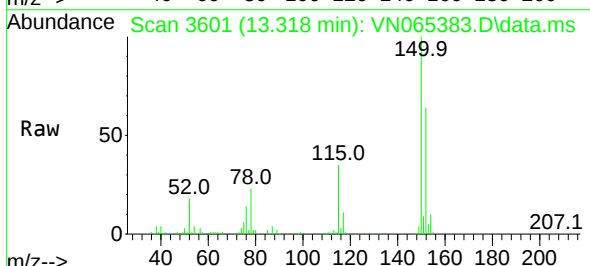


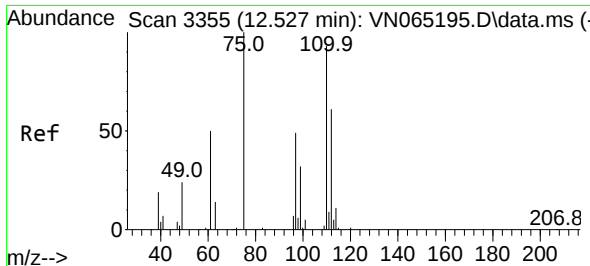
Tgt Ion:173 Resp: 1579
Ion Ratio Lower Upper
173 100
175 746.2 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

Tgt Ion:152 Resp: 189971
Ion Ratio Lower Upper
152 100
115 55.2 29.7 89.1
150 156.1 0.0 350.6

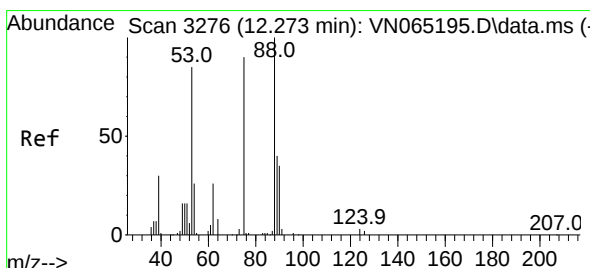
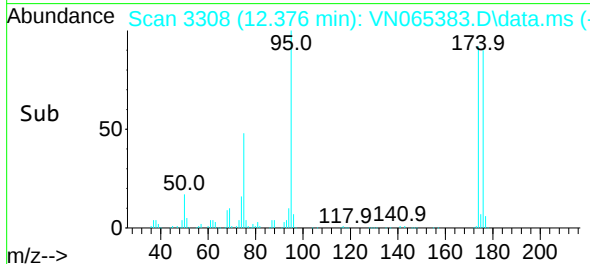
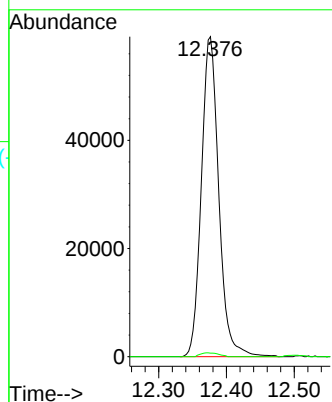
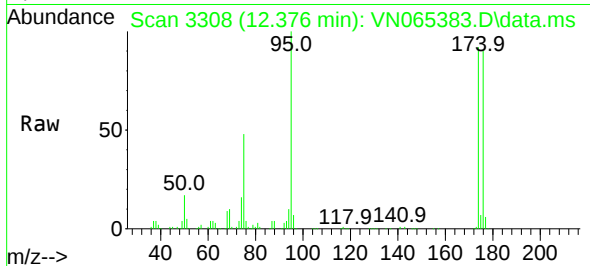




#76
1,2,3-Trichloropropane
Concen: 27.24 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

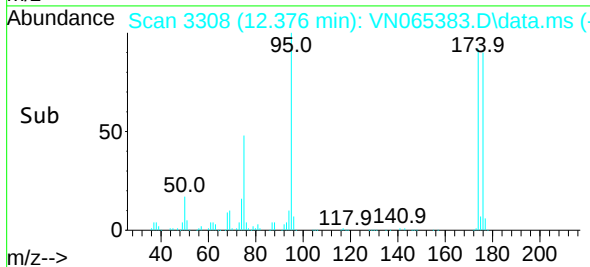
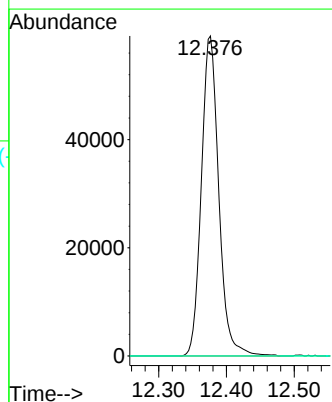
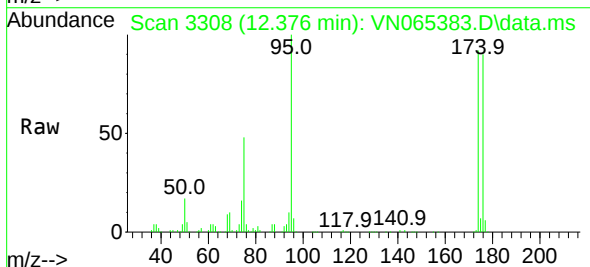
Instrument :
MSVOA_N
ClientSampled :
IBLK

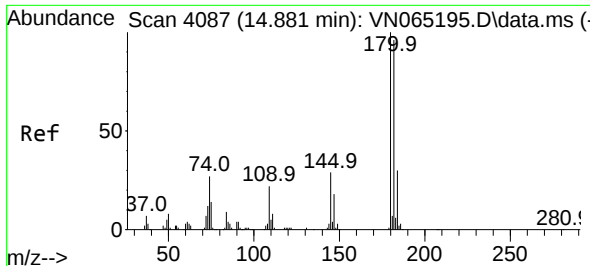
Tgt Ion: 75 Resp: 105558
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.68 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

Tgt Ion: 75 Resp: 105558
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

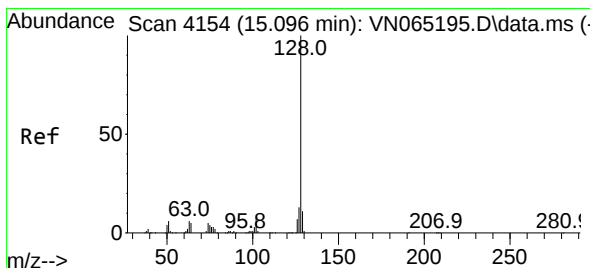
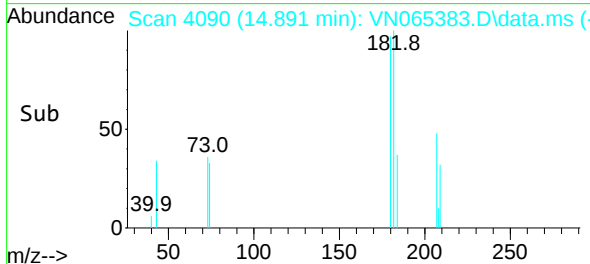
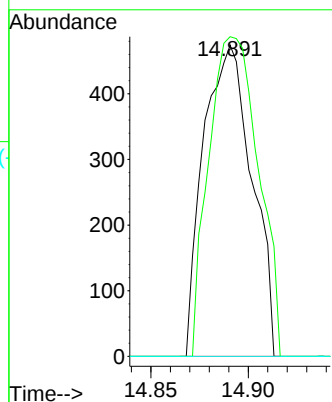
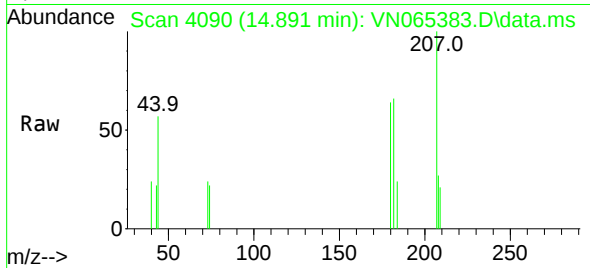




#93
1,2,4-Trichlorobenzene
Concen: 3.04 ug/l
RT: 14.891 min Scan# 4090
Delta R.T. 0.010 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

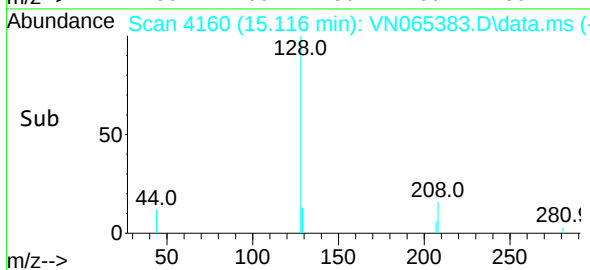
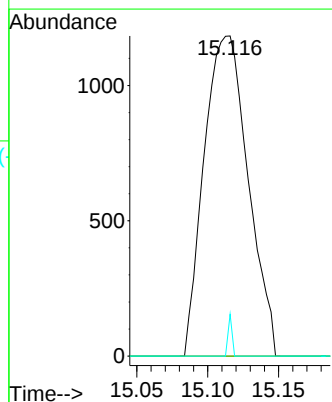
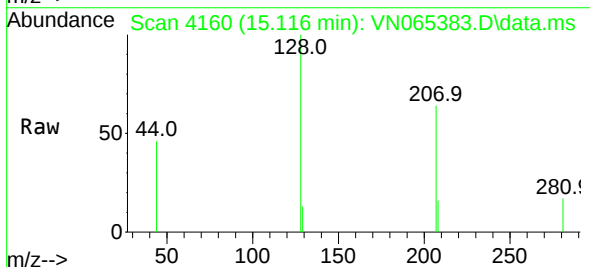
Instrument :
MSVOA_N
ClientSampled :
IBLK

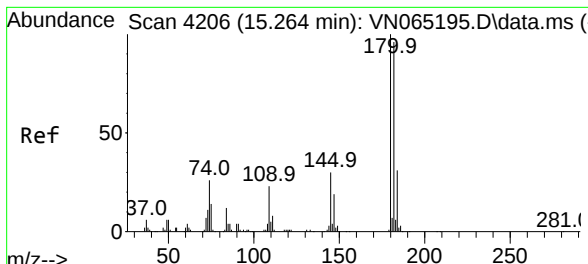
Tgt Ion:180 Resp: 820
Ion Ratio Lower Upper
180 100
182 105.1 47.6 142.9
145 0.0 15.3 45.8#



#95
Naphthalene
Concen: 3.61 ug/l
RT: 15.116 min Scan# 4160
Delta R.T. 0.020 min
Lab File: VN065383.D
Acq: 5 Jan 2021 13:08

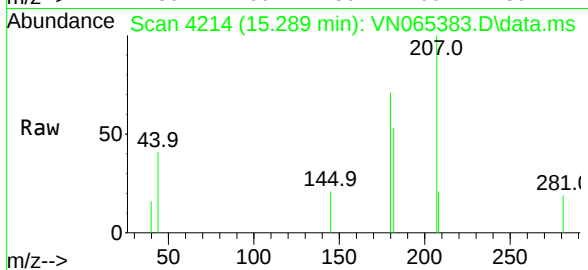
Tgt Ion:128 Resp: 2558
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 1.2 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.54 ug/l
 RT: 15.289 min Scan# 4214
 Delta R.T. 0.025 min
 Lab File: VN065383.D
 Acq: 5 Jan 2021 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	1180
Ion	Ratio	Lower	Upper
180	100		
182	82.8	48.1	144.4
145	9.0	16.4	49.1#

