

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065286.D
 Acq On : 28 Dec 2020 15:16
 Operator : JC/MD
 Sample : L5218-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 29 02:21:57 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)

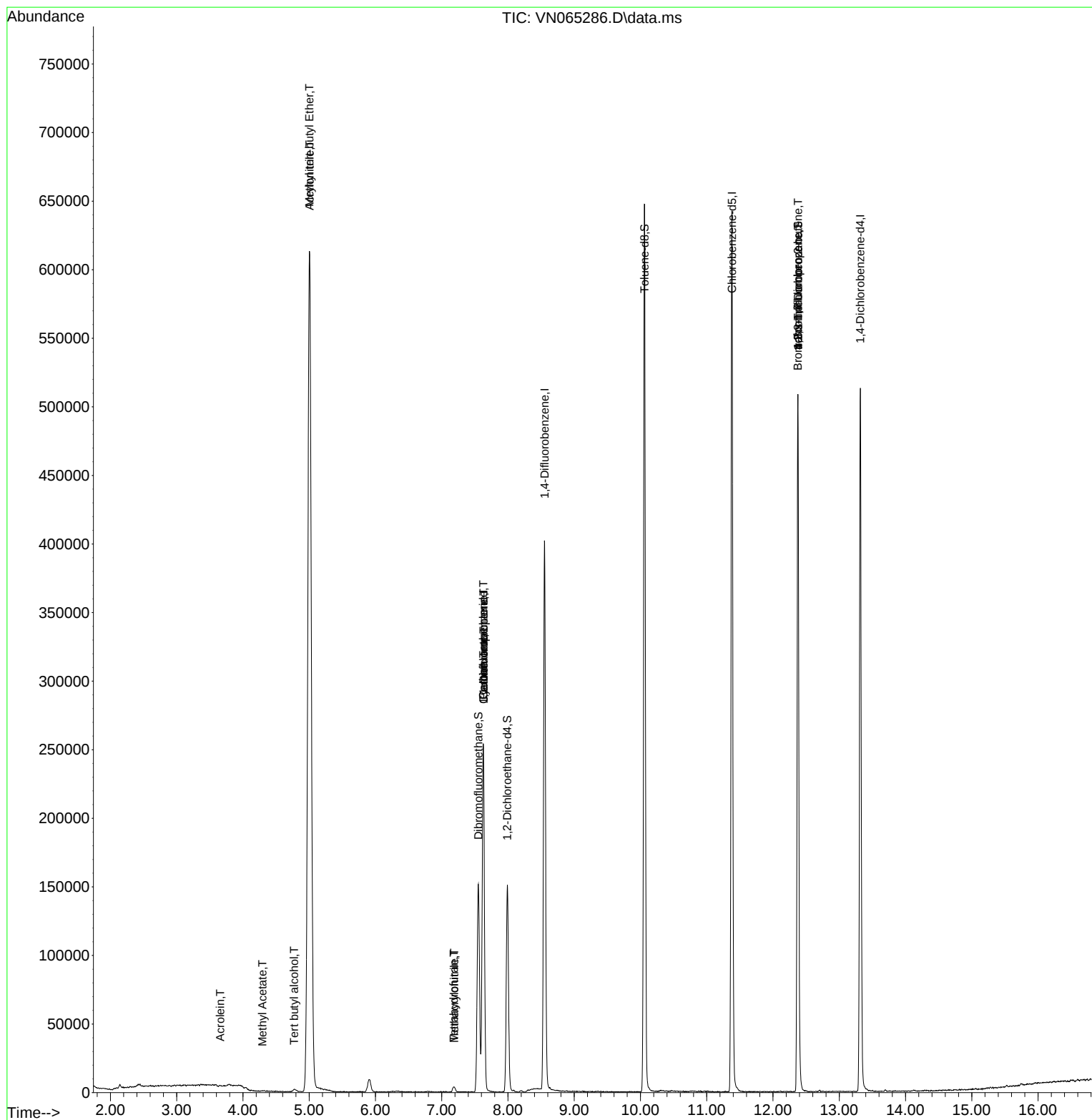
Internal Standards						
1) Pentafluorobenzene	7.627	168	228817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	381506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	395058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	156652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	133218	51.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.14%			
35) Dibromofluoromethane	7.553	113	116902	50.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.58%			
50) Toluene-d8	10.061	98	468729	54.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.68%			
62) 4-Bromofluorobenzene	12.376	95	180496	52.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.22%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.772	59	1885	4.46	ug/l #	73
13) Acrolein	3.656	56	61	2.62	ug/l #	1
15) Acrylonitrile	5.007	53	10744	10.52	ug/l #	31
16) Acetone	3.785	43	994	Below Cal	#	83
18) Methyl Acetate	4.293	43	751	0.32	ug/l #	50
19) Methyl tert-butyl Ether	5.004	73	1118917	156.75	ug/l	99
29) Tetrahydrofuran	7.184	42	3398	3.62	ug/l #	74
31) Cyclohexane	7.630	56	3781	0.99	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	15022	4.33	ug/l #	49
38) Carbon Tetrachloride	7.627	117	19250	5.28	ug/l #	16
41) Methacrylonitrile	7.190	41	1800	1.01	ug/l #	30
71) Bromoform	12.373	173	1166	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	89029	27.86	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	89029	70.24	ug/l #	15

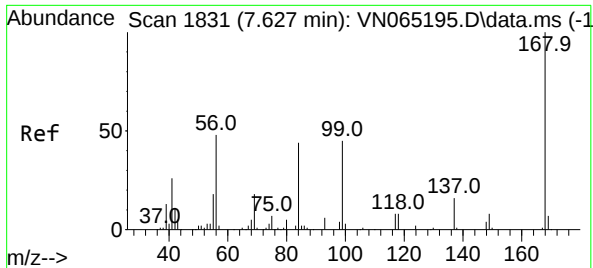
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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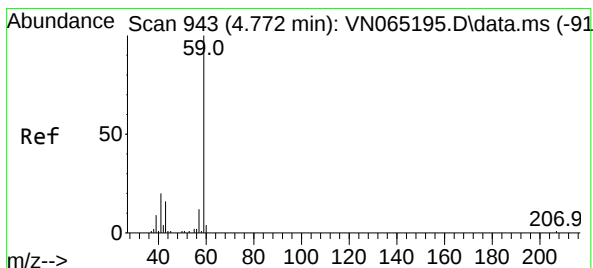
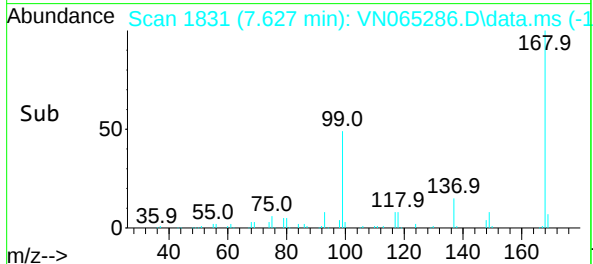
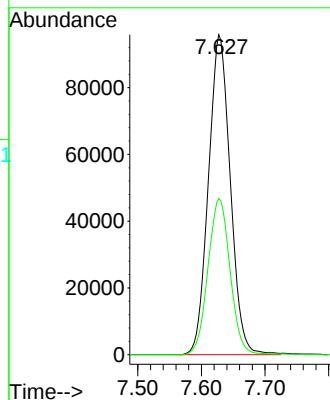
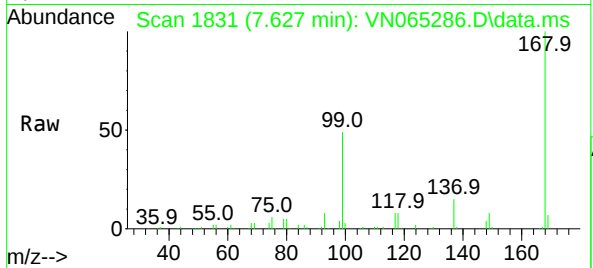




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

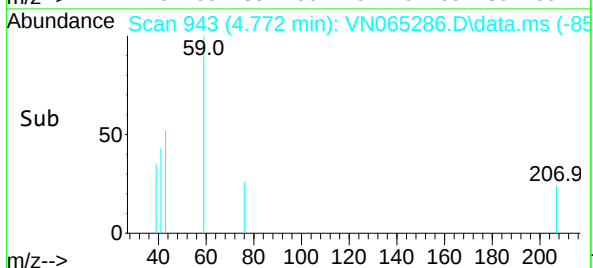
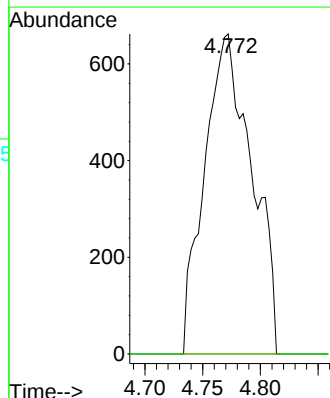
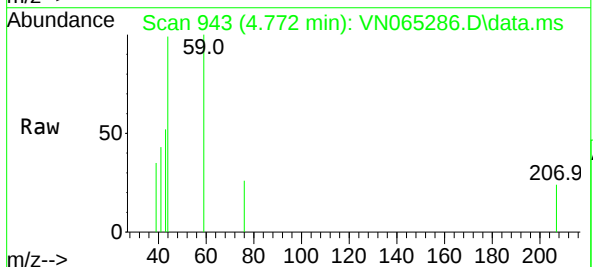
Instrument :
MSVOA_N
ClientSampled :

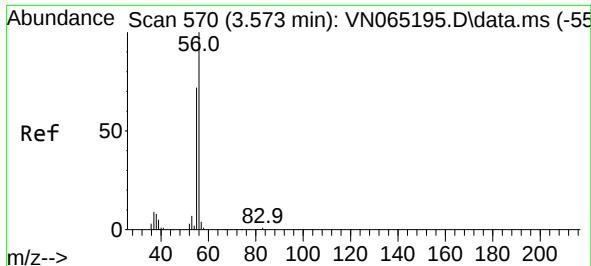
Tgt Ion:168 Resp: 228817
Ion Ratio Lower Upper
168 100
99 48.8 43.0 64.4



#11
Tert butyl alcohol
Concen: 4.46 ug/l
RT: 4.772 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Tgt Ion: 59 Resp: 1885
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

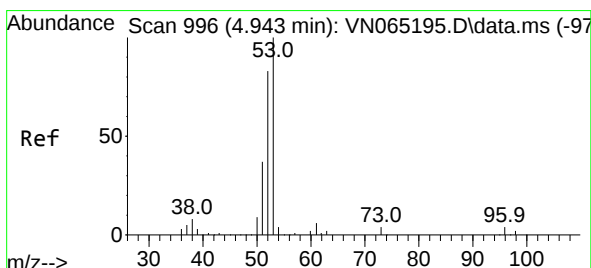
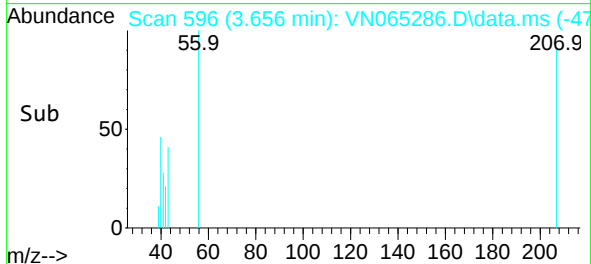
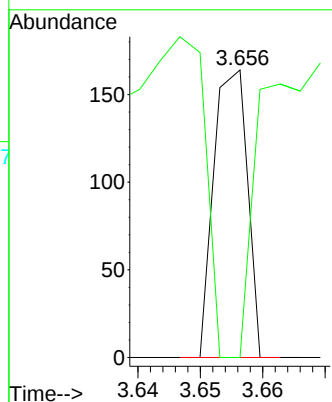
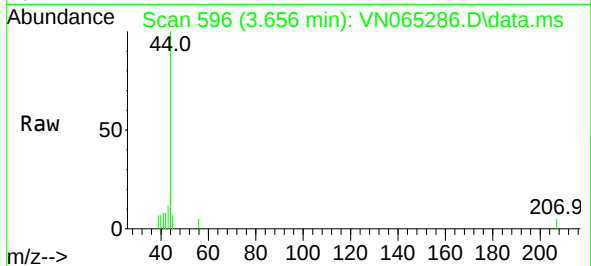




#13
Acrolein
Concen: 2.62 ug/l
RT: 3.656 min Scan# 596
Delta R.T. 0.083 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

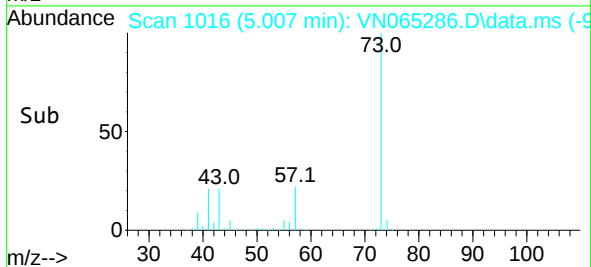
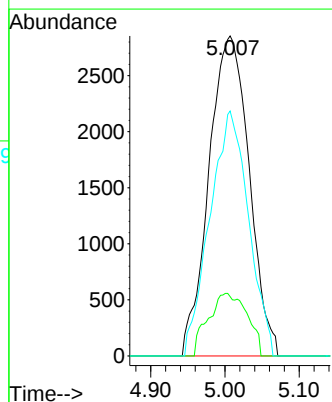
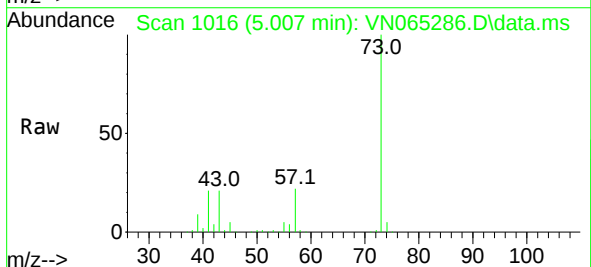
Instrument :
MSVOA_N
ClientSampled :

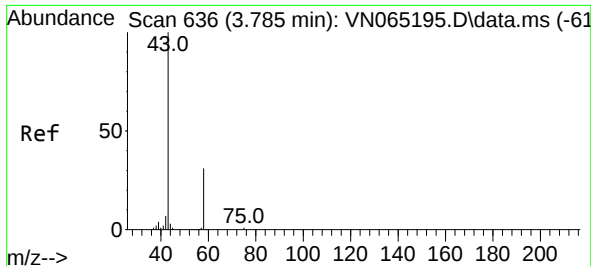
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 309.8 56.5 84.7#



#15
Acrylonitrile
Concen: 10.52 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.064 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Tgt Ion: 53 Resp: 10744
Ion Ratio Lower Upper
53 100
52 19.0 65.5 98.3#
51 73.5 28.6 43.0#

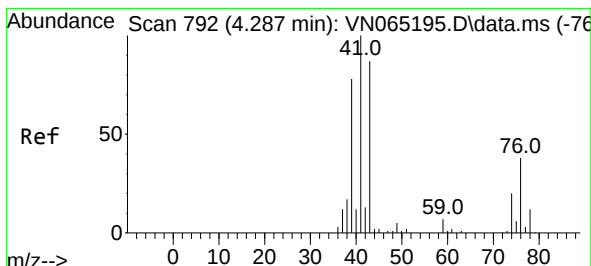
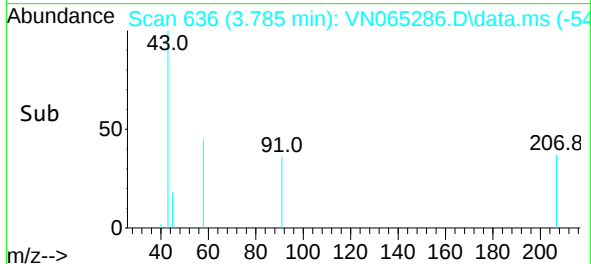
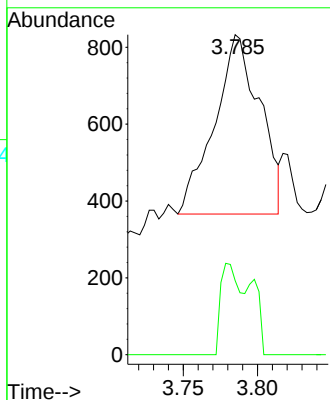
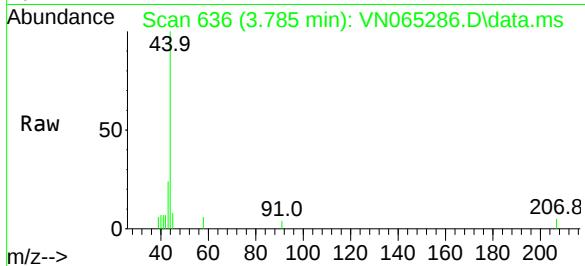




#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

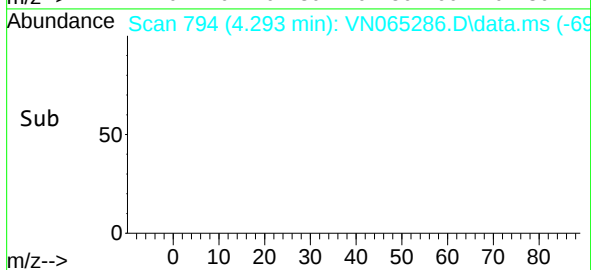
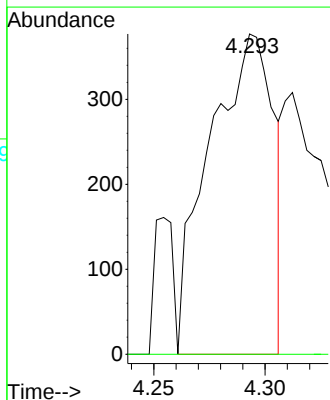
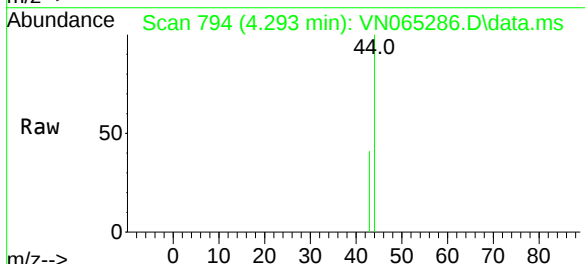
Instrument :
MSVOA_N
ClientSampleId :

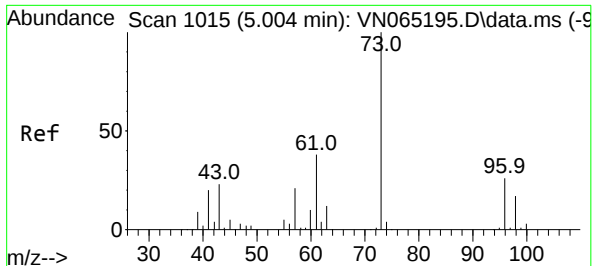
Tgt Ion: 43 Resp: 994
Ion Ratio Lower Upper
43 100
58 41.3 25.7 38.5#



#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

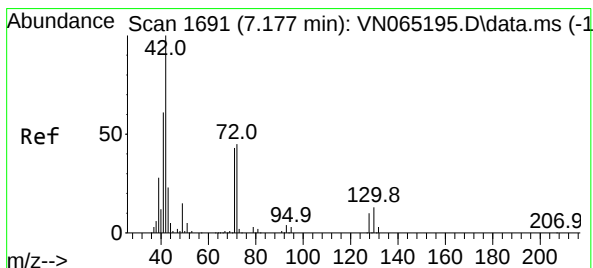
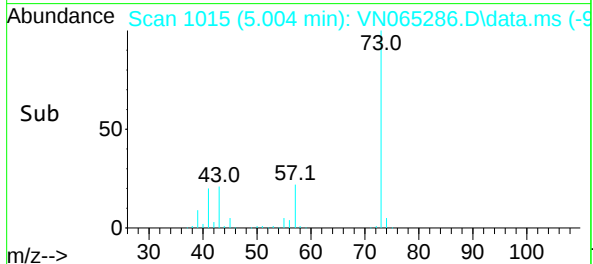
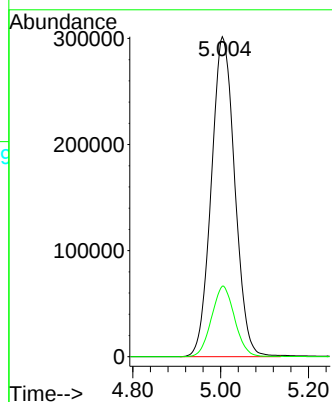
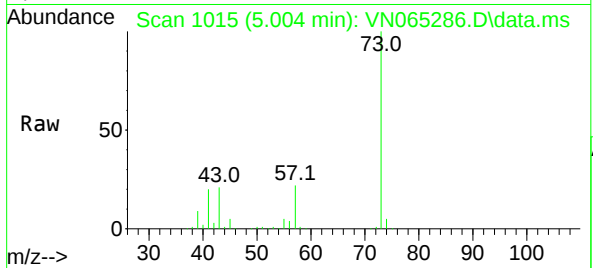




#19
Methyl tert-butyl Ether
Concen: 156.75 ug/l
RT: 5.004 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

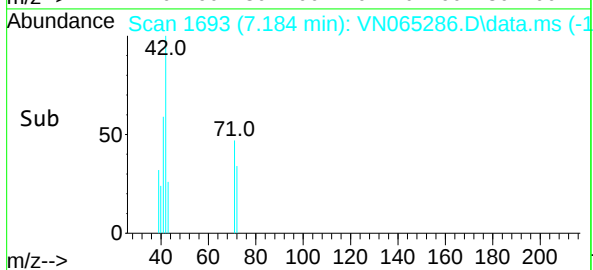
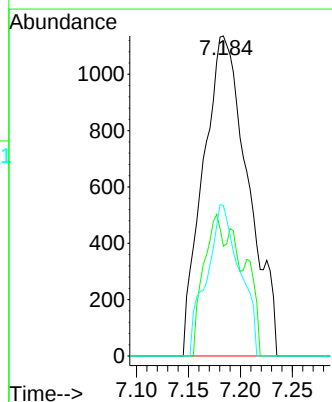
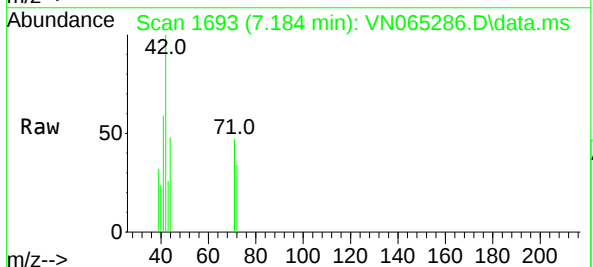
Instrument :
MSVOA_N
ClientSampled :

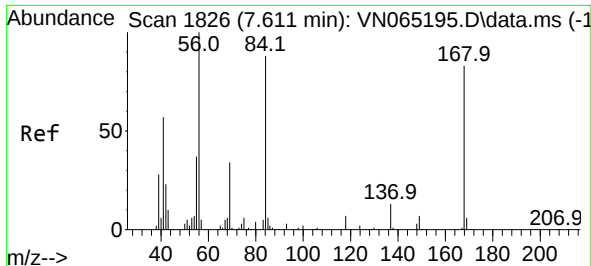
Tgt Ion: 73 Resp: 1118917
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0



#29
Tetrahydrofuran
Concen: 3.62 ug/l
RT: 7.184 min Scan# 1693
Delta R.T. 0.007 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

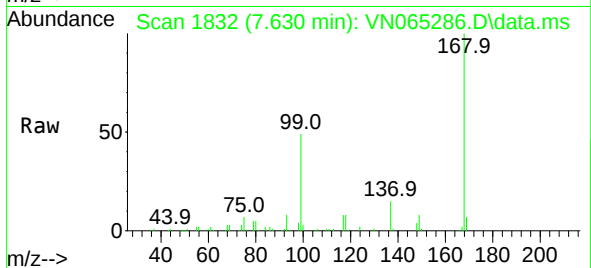
Tgt Ion: 42 Resp: 3398
Ion Ratio Lower Upper
42 100
72 19.0 36.6 54.8#
71 35.0 33.6 50.4



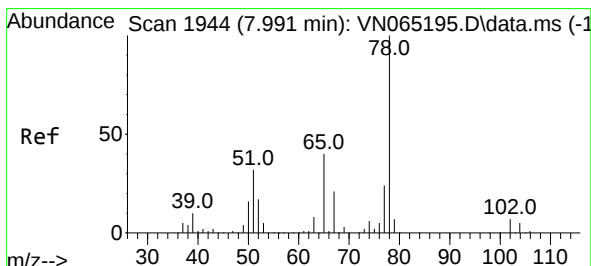
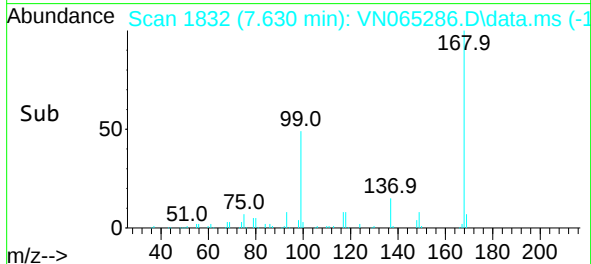
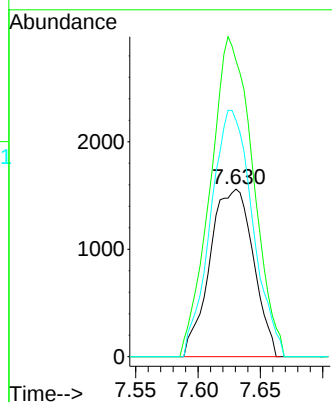


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Instrument :
MSVOA_N
ClientSampled :

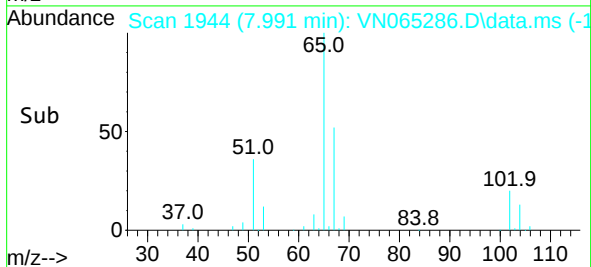
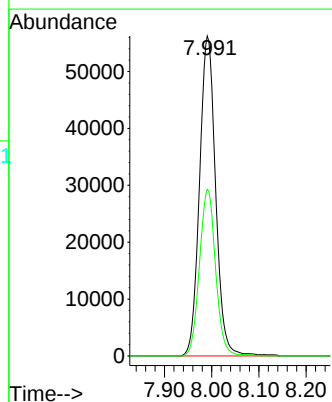
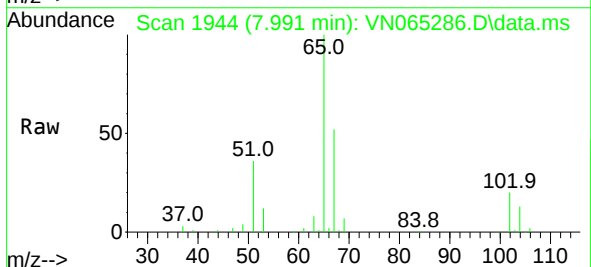


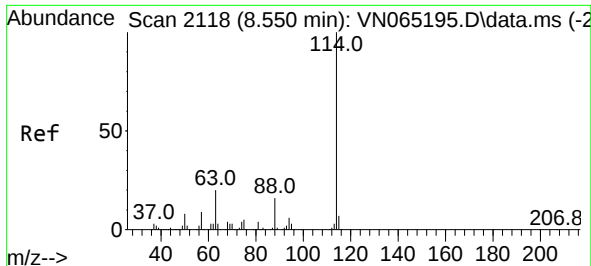
Tgt Ion: 56 Resp: 3781
Ion Ratio Lower Upper
56 100
69 176.6 27.5 41.3#
84 141.1 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 51.57 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

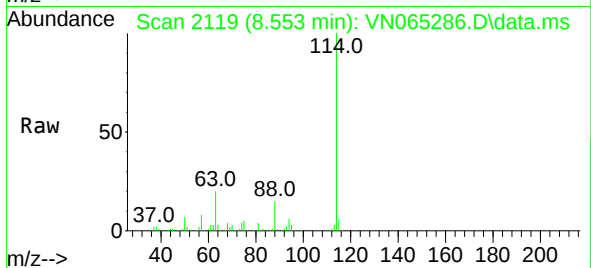
Tgt Ion: 65 Resp: 133218
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.2



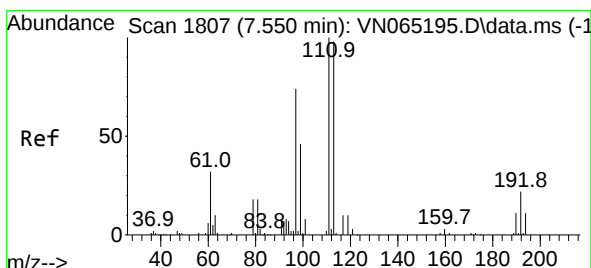
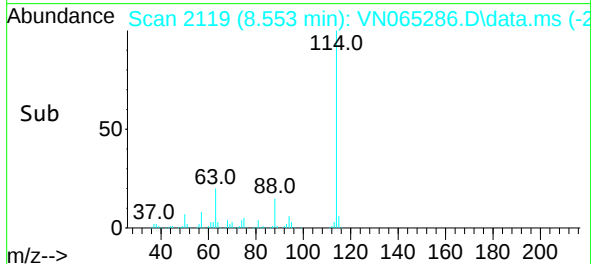
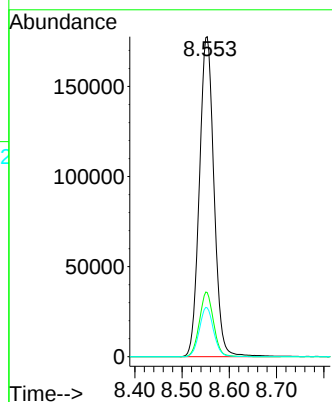


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Instrument :
MSVOA_N
ClientSampled :

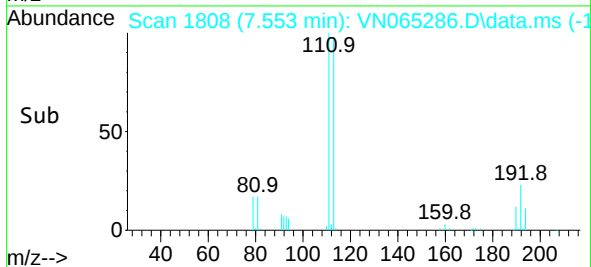
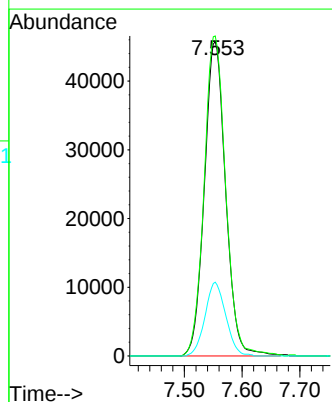
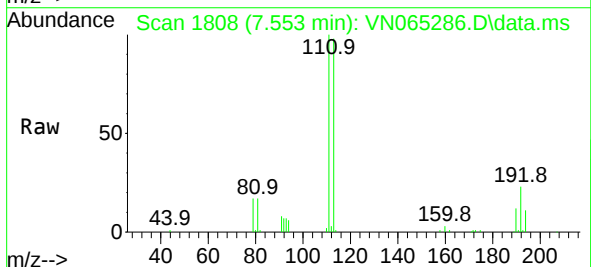


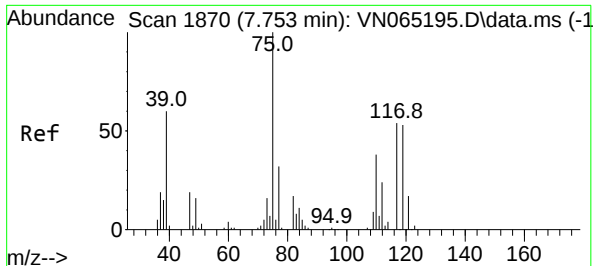
Tgt Ion:114 Resp: 381506
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.6
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.79 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Tgt Ion:113 Resp: 116902
Ion Ratio Lower Upper
113 100
111 103.4 81.6 122.4
192 23.0 16.2 24.2

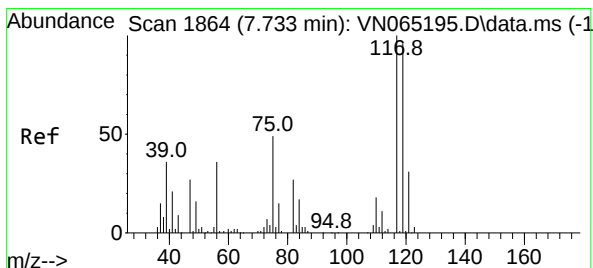
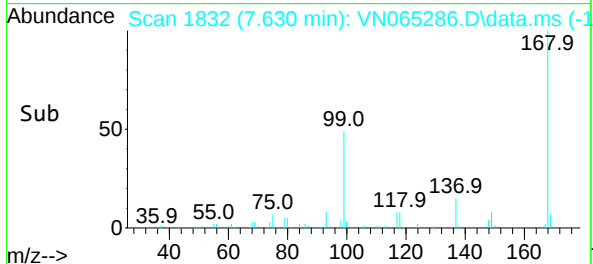
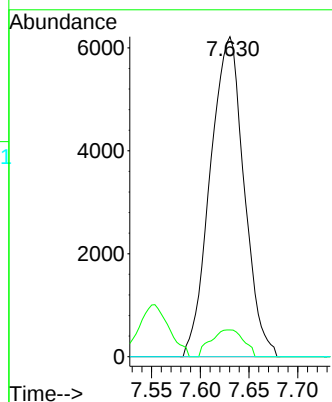
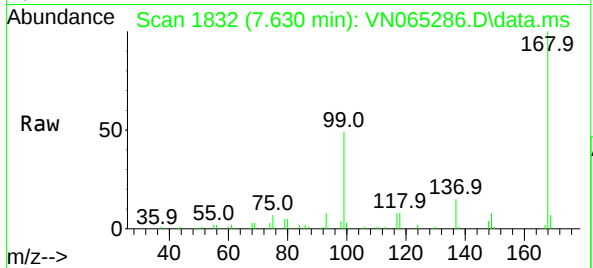




#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

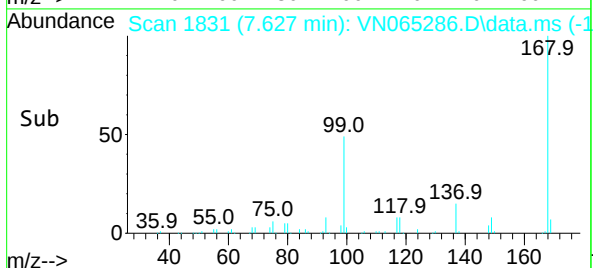
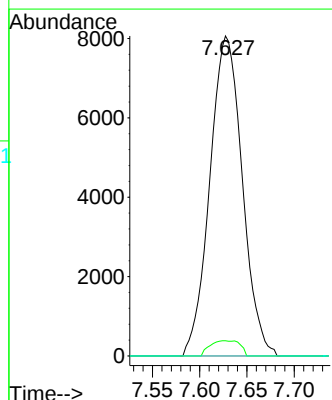
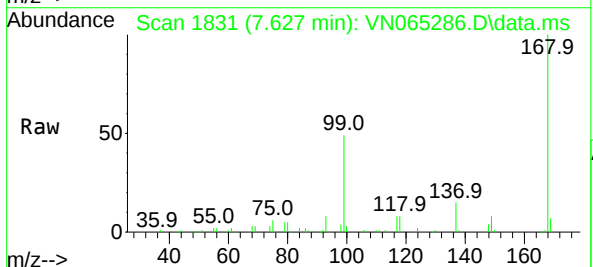
Instrument :
MSVOA_N
ClientSampled :

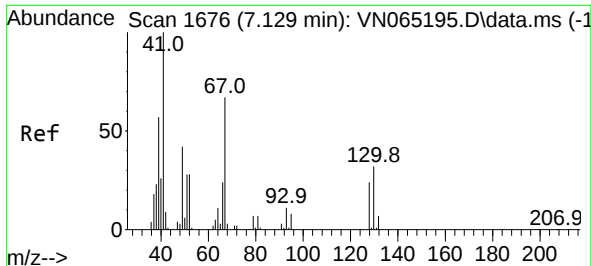
Tgt Ion: 75 Resp: 15022
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.28 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

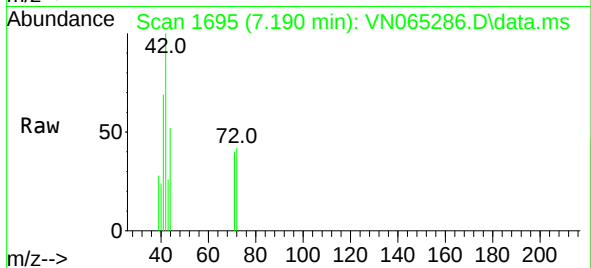
Tgt Ion: 117 Resp: 19250
Ion Ratio Lower Upper
117 100
119 4.7 76.7 115.1#
121 0.0 25.4 38.2#



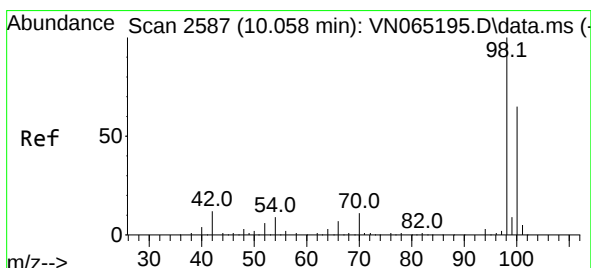
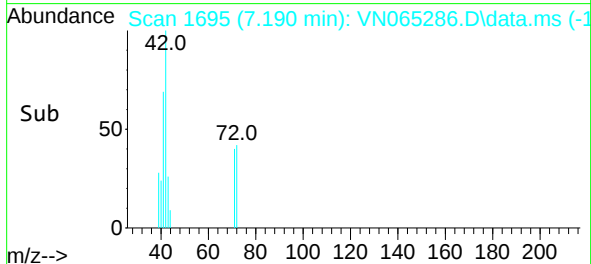
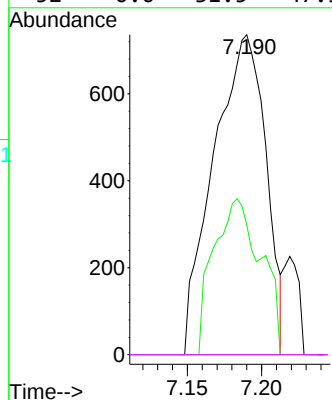


#41
Methacrylonitrile
Concen: 1.01 ug/l
RT: 7.190 min Scan# 1695
Delta R.T. 0.061 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Instrument :
MSVOA_N
ClientSampled :

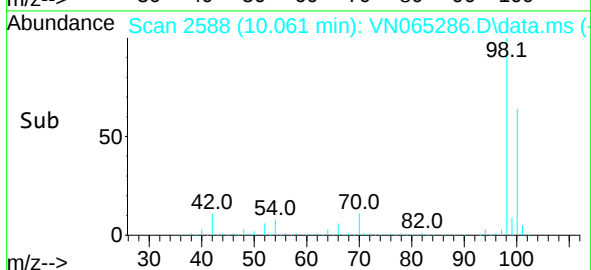
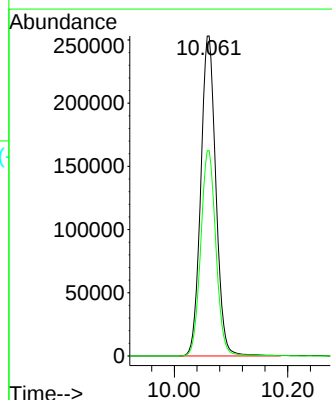
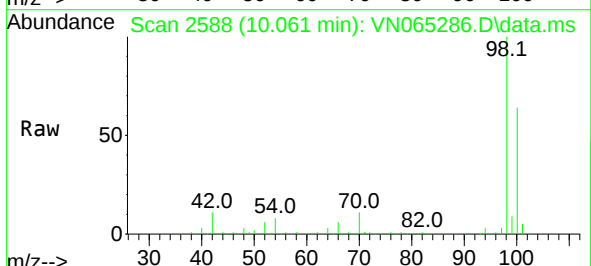


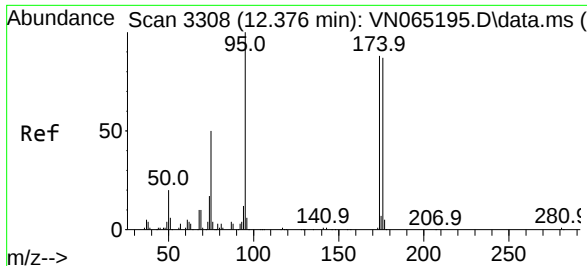
Tgt Ion: 41 Resp: 1800
Ion Ratio Lower Upper
41 100
39 44.1 51.0 76.6#
67 0.0 79.8 119.8#
52 0.0 31.5 47.3#



#50
Toluene-d8
Concen: 54.34 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Tgt Ion: 98 Resp: 468729
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

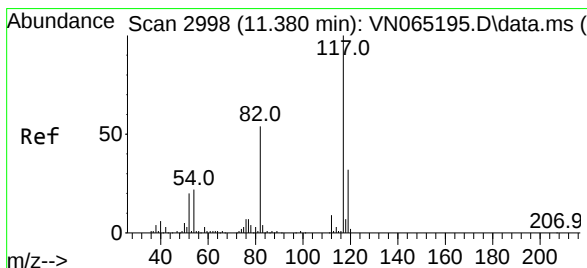
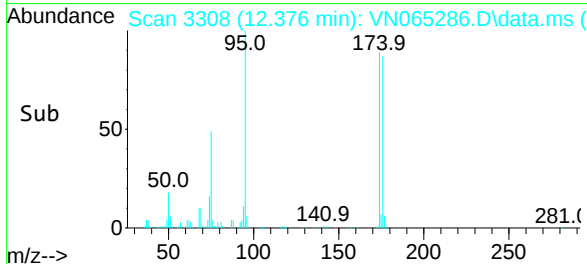
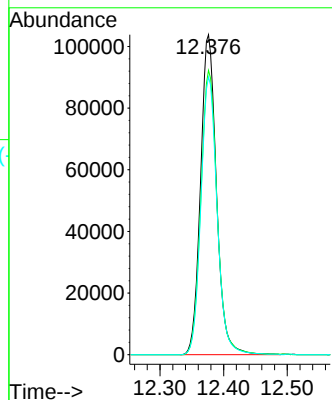
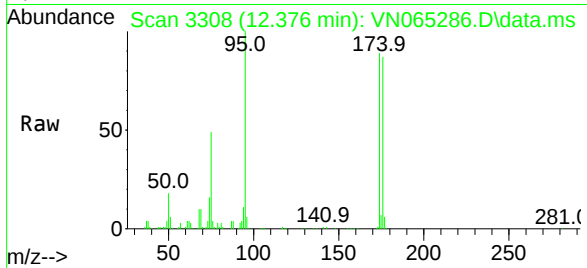




#62
4-Bromofluorobenzene
Concen: 52.61 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

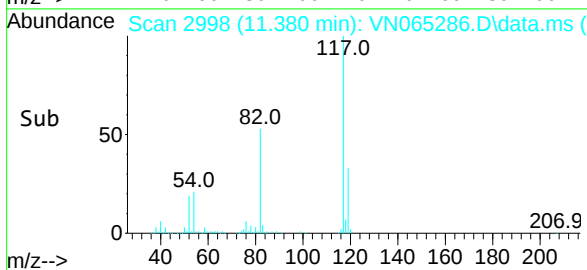
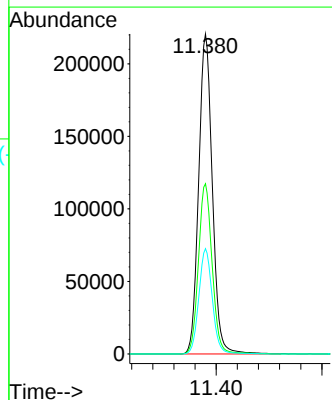
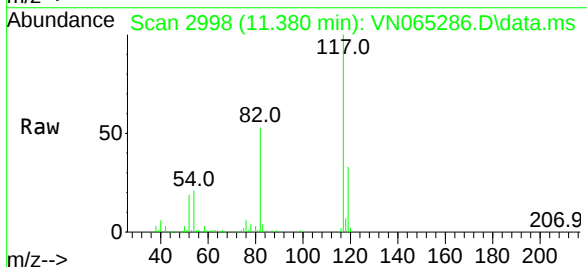
Instrument :
MSVOA_N
ClientSampled :

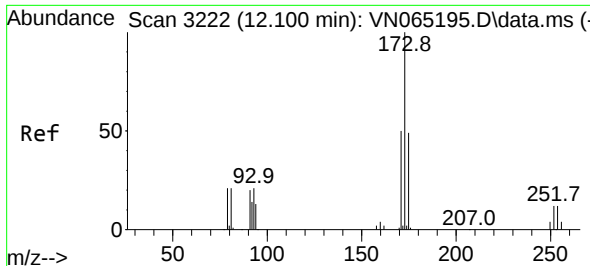
Tgt Ion: 95 Resp: 180496
Ion Ratio Lower Upper
95 100
174 91.1 0.0 160.4
176 88.2 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Tgt Ion: 117 Resp: 395058
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 32.9 25.8 38.6

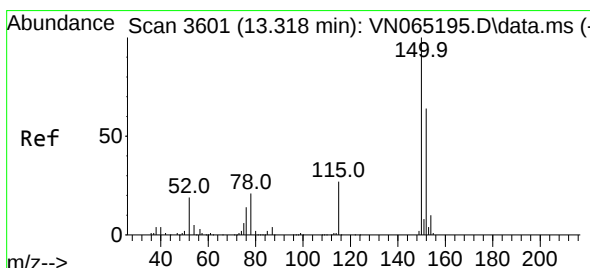
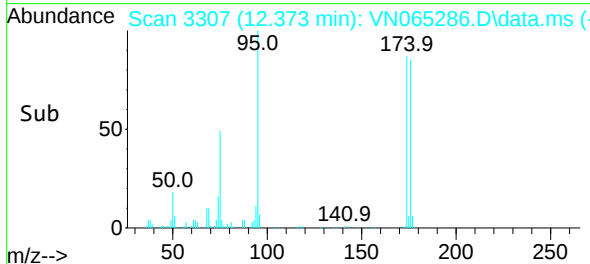
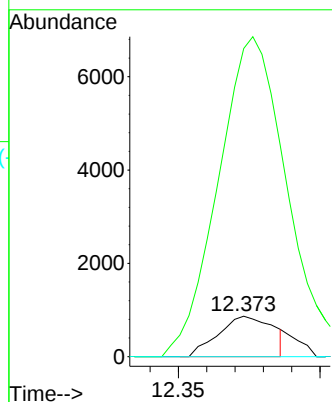
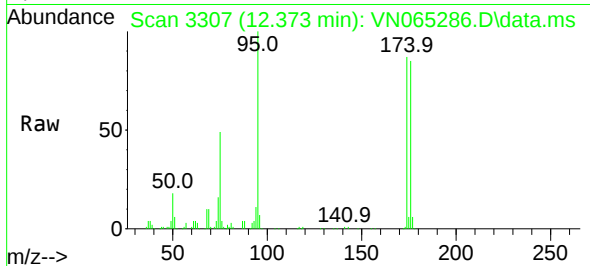




#71
Bromoform
Concen: 0.43 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

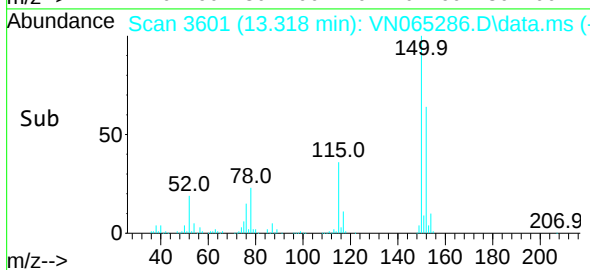
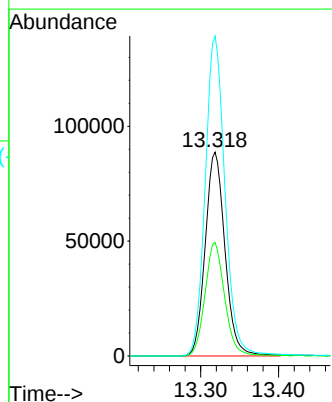
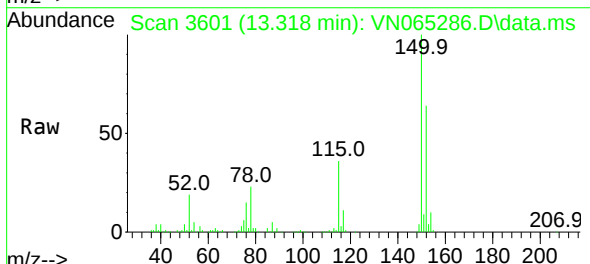
Instrument :
MSVOA_N
ClientSampled :

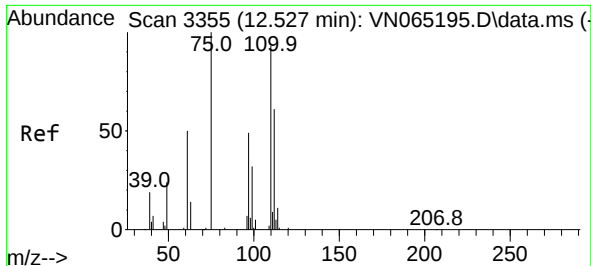
Tgt Ion:173 Resp: 1166
Ion Ratio Lower Upper
173 100
175 824.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Tgt Ion:152 Resp: 156652
Ion Ratio Lower Upper
152 100
115 55.2 29.7 89.1
150 157.3 0.0 350.6

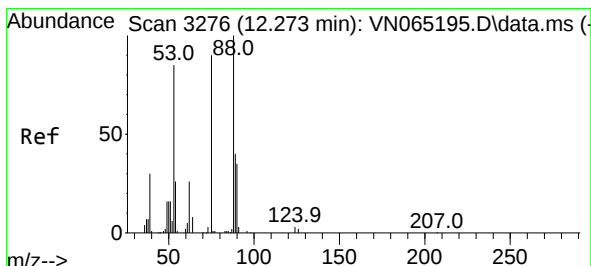
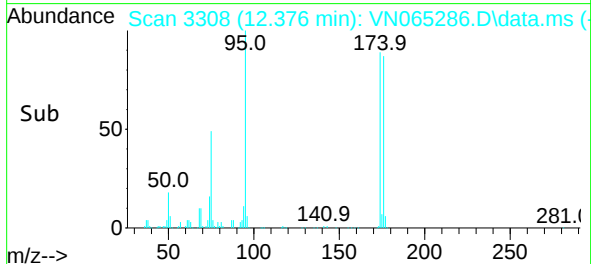
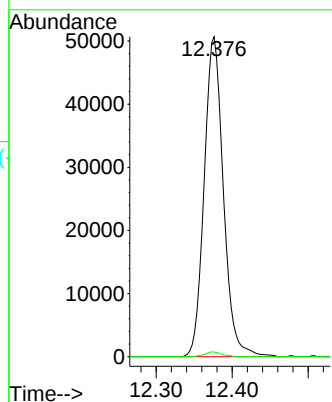
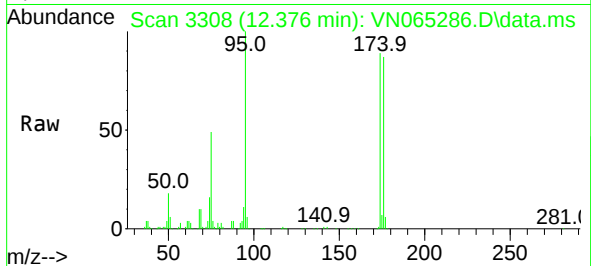




#76
1,2,3-Trichloropropane
Concen: 27.86 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 89029
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.24 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Tgt Ion: 75 Resp: 89029
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

