

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
 Data File : VN065210.D
 Acq On : 22 Dec 2020 21:00
 Operator : JC/MD
 Sample : L5159-10 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-5

Quant Time: Dec 23 04:33:10 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)

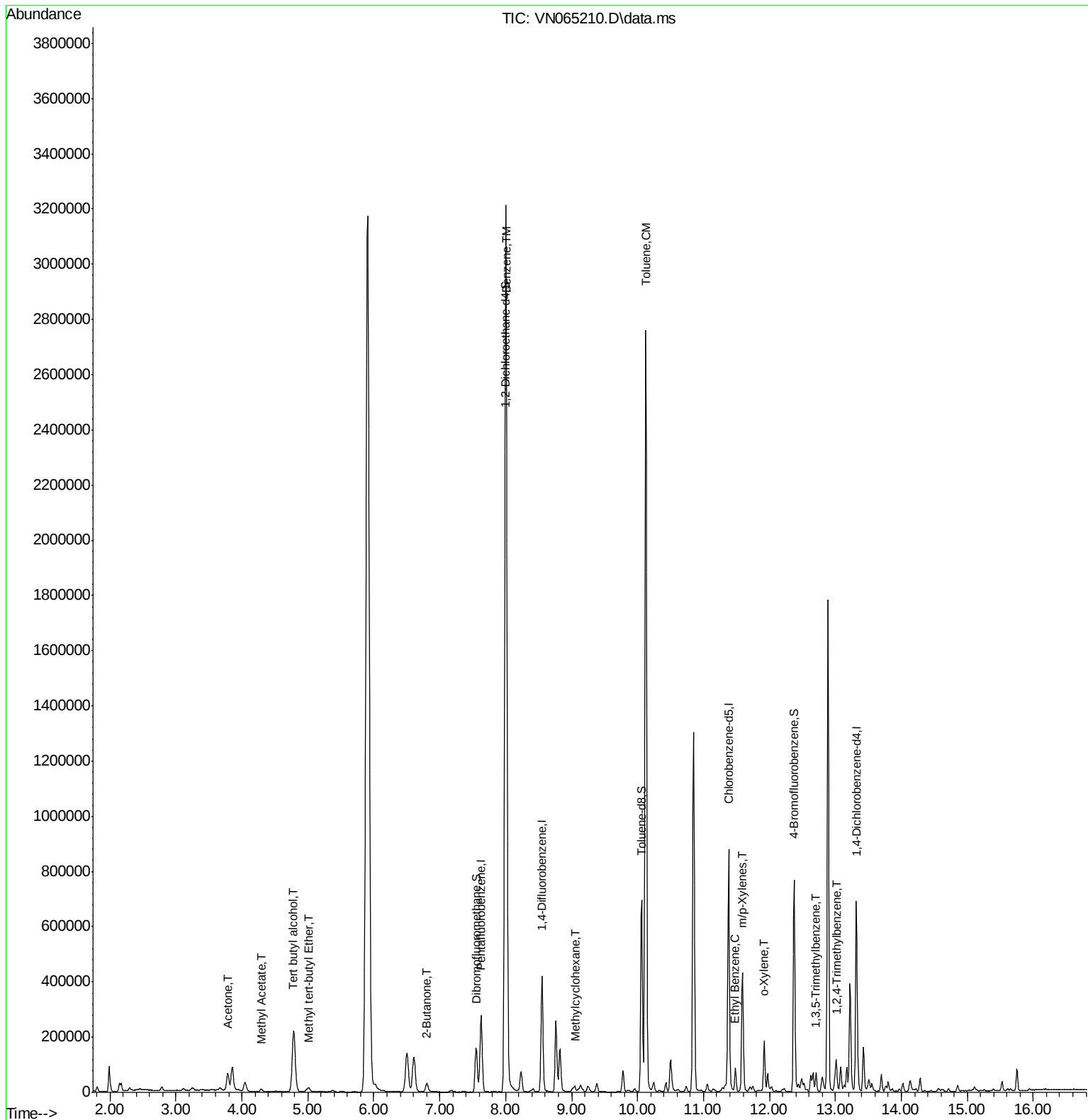
Internal Standards						
1) Pentafluorobenzene	7.627	168	238168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	393337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	415623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	191687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	140039	52.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.16%			
35) Dibromofluoromethane	7.553	113	122798	51.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.50%			
50) Toluene-d8	10.061	98	491351	55.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.48%			
62) 4-Bromofluorobenzene	12.376	95	204664	57.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.70%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.778	59	53621	121.88	ug/l #	78
16) Acetone	3.788	43	100339	81.69	ug/l	97
18) Methyl Acetate	4.293	43	17978	7.45	ug/l	97
19) Methyl tert-butyl Ether	5.007	73	24035	3.23	ug/l #	73
25) 2-Butanone	6.804	43	35238	23.34	ug/l	98
39) Methylcyclohexane	9.048	83	8102	1.89	ug/l	98
40) Benzene	8.003	78	3368602	316.61	ug/l	97
52) Toluene	10.125	92	1226044	182.83	ug/l	99
67) Ethyl Benzene	11.482	91	60259	3.95	ug/l	100
68) m/p-Xylenes	11.588	106	138529	24.12	ug/l	98
69) o-Xylene	11.923	106	49920	8.95	ug/l	97
80) 1,3,5-Trimethylbenzene	12.707	105	36214	2.91	ug/l	97
84) 1,2,4-Trimethylbenzene	13.013	105	61313	5.06	ug/l	100

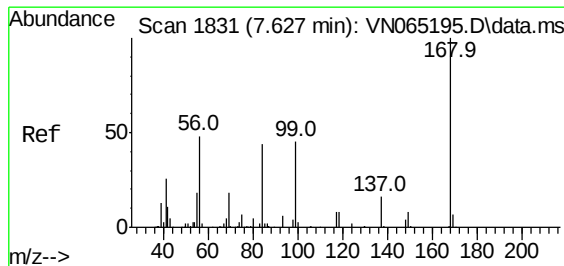
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
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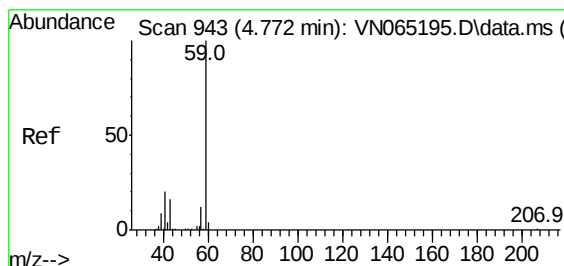
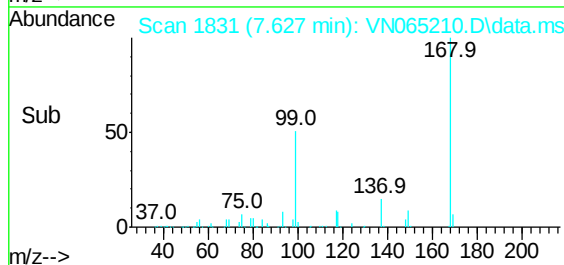
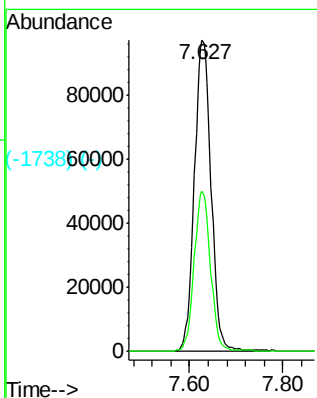
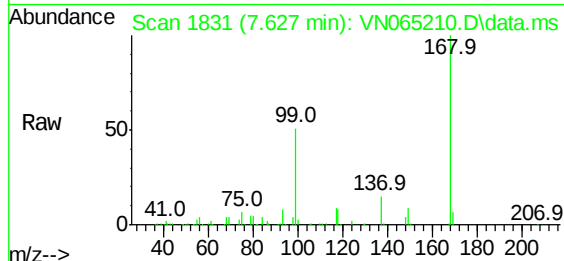




#12 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

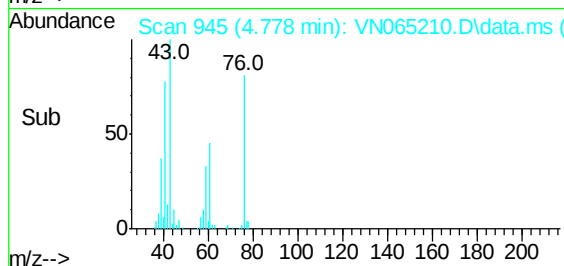
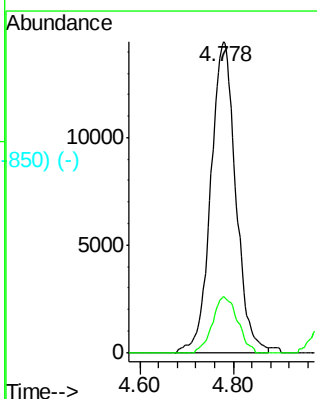
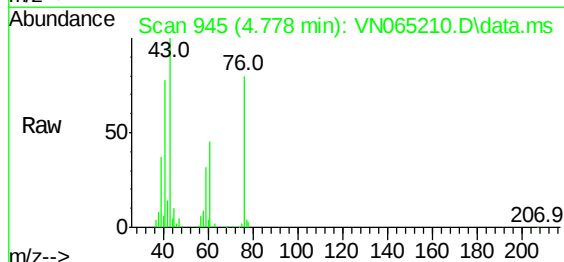
Instrument :
MSVOA_N
ClientSampleId :
CGP-5

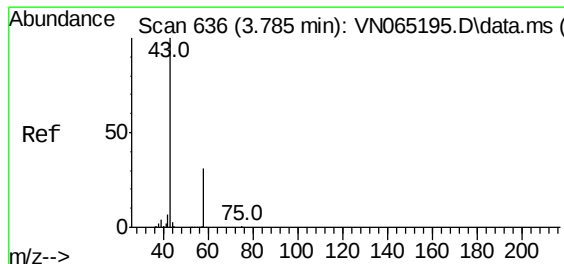
Tgt Ion:168 Resp: 238168
Ion Ratio Lower Upper
168 100
99 51.2 43.0 64.4



#11 (-)
Tert butyl alcohol
Concen: 121.88 ug/l
RT: 4.778 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

Tgt Ion: 59 Resp: 53621
Ion Ratio Lower Upper
59 100
57 18.0 7.9 11.9#

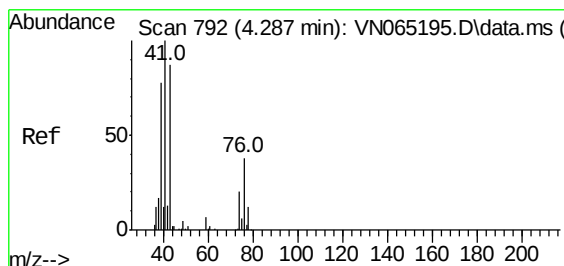
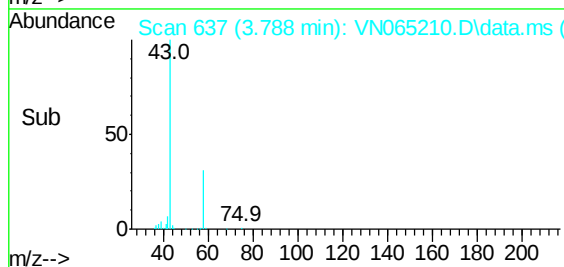
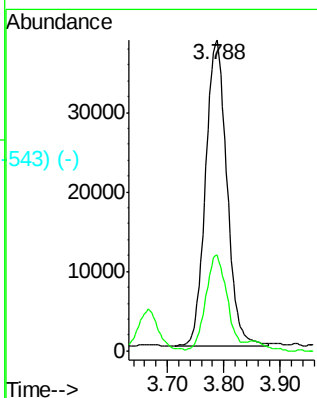
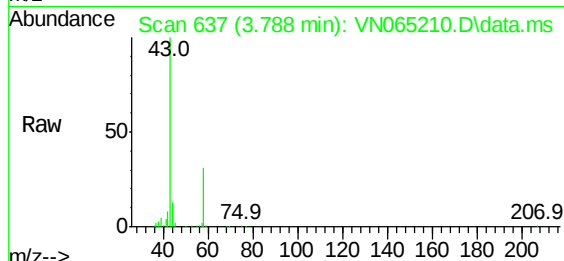




Acetone
Concen: 81.69 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

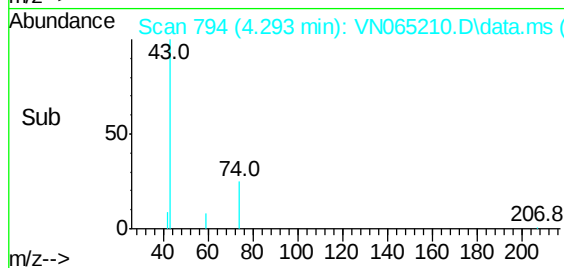
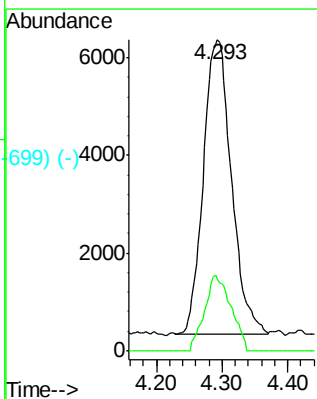
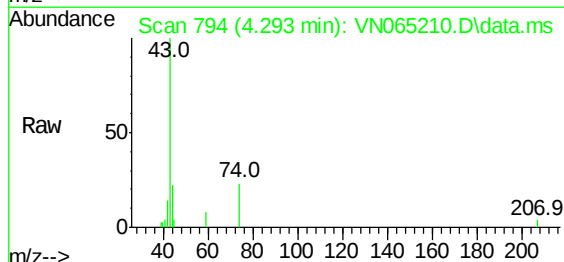
Instrument :
MSVOA_N
ClientSampled :
CGP-5

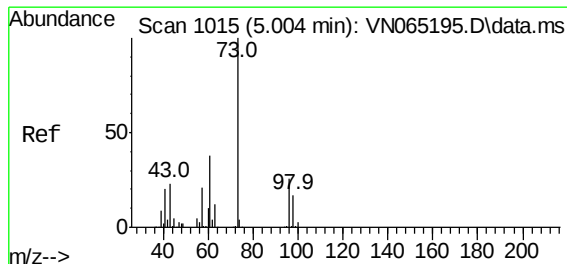
Tgt Ion: 43 Resp: 100339
Ion Ratio Lower Upper
43 100
58 30.4 25.7 38.5



Methyl Acetate
Concen: 7.45 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

Tgt Ion: 43 Resp: 17978
Ion Ratio Lower Upper
43 100
74 23.8 20.2 30.2

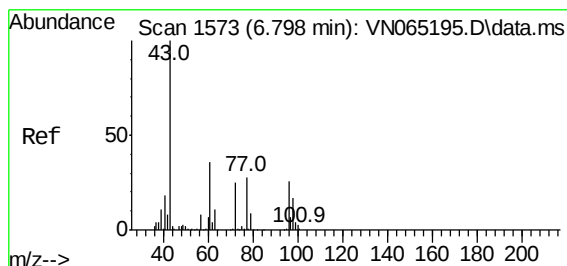
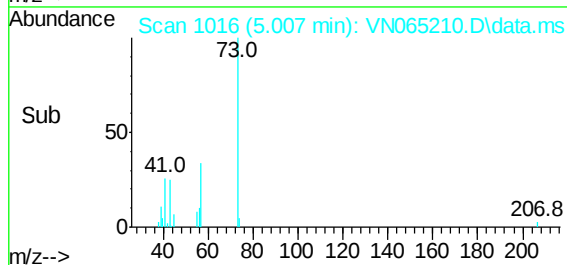
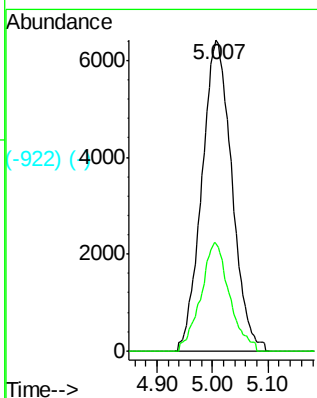
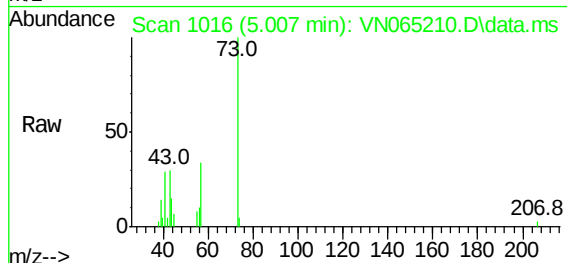




(-922) (-)
Methyl tert-butyl Ether
Concen: 3.23 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

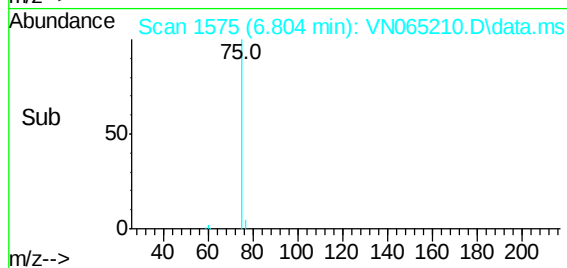
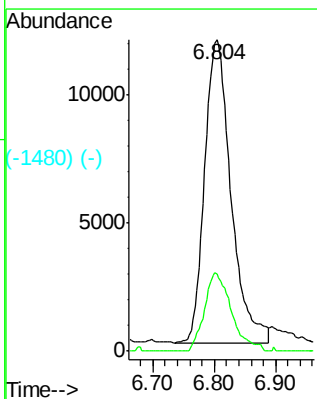
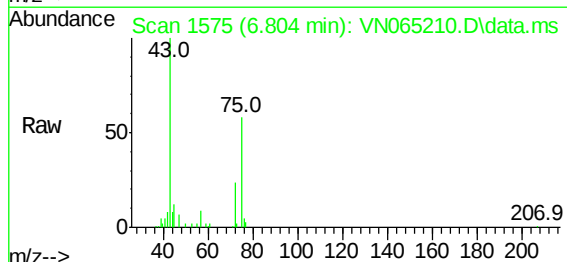
Instrument :
MSVOA_N
ClientSampleId :
CGP-5

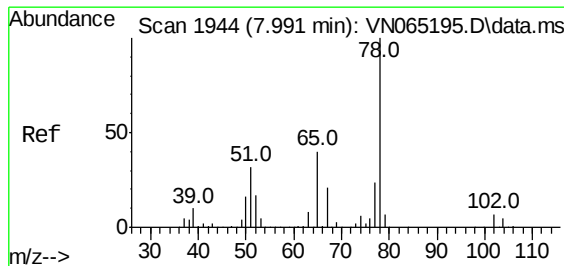
Tgt Ion: 73 Resp: 24035
Ion Ratio Lower Upper
73 100
57 34.4 17.4 26.0#



(-1480) (-)
2-Butanone
Concen: 23.34 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

Tgt Ion: 43 Resp: 35238
Ion Ratio Lower Upper
43 100
72 25.1 21.0 31.6

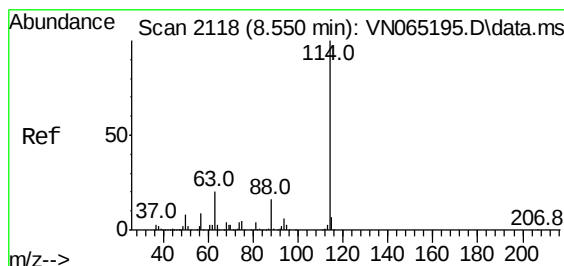
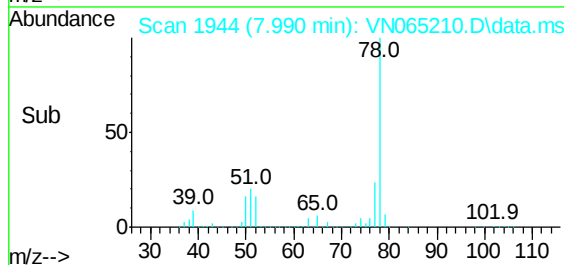
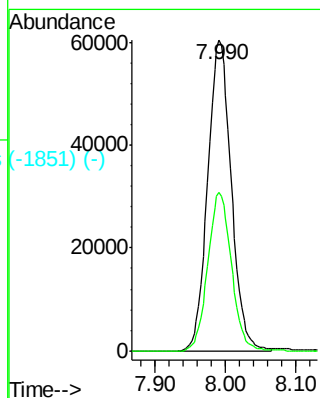
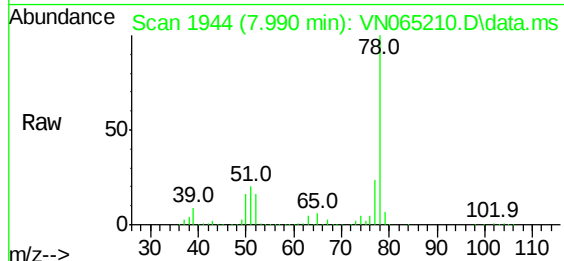




1,2-Dichloroethane-d4
Concen: 52.08 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

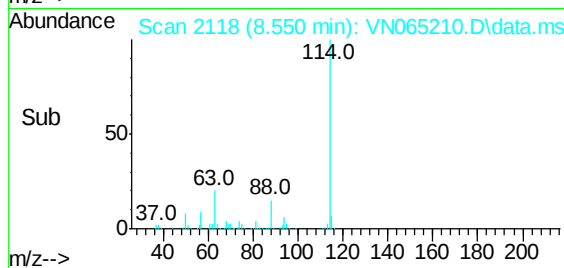
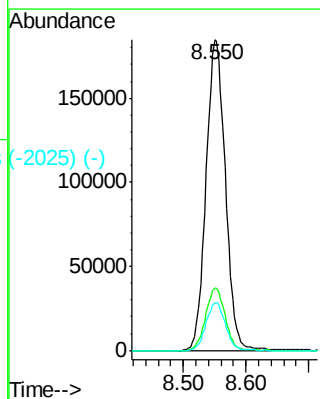
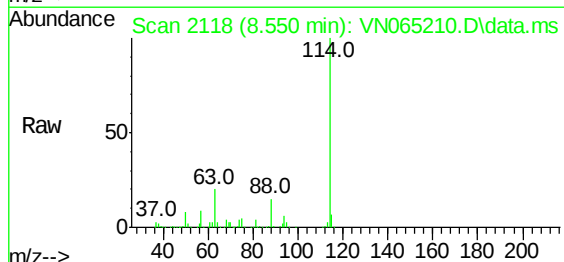
Instrument :
MSVOA_N
ClientSampleId :
CGP-5

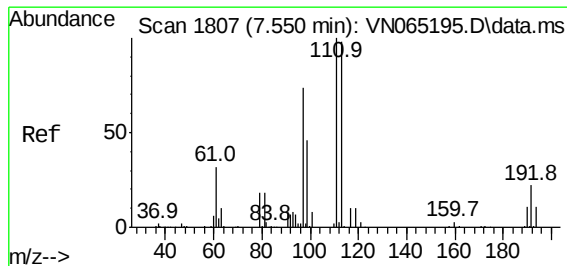
Tgt Ion: 65 Resp: 140039
Ion Ratio Lower Upper
65 100
67 51.0 0.0 108.2



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

Tgt Ion: 114 Resp: 393337
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.6
88 15.3 0.0 32.6

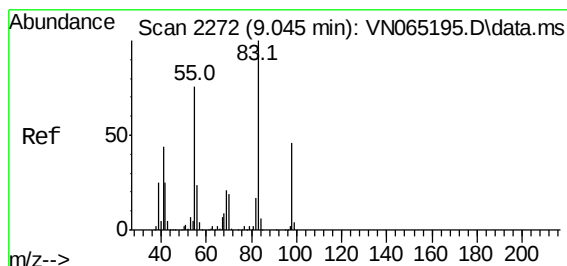
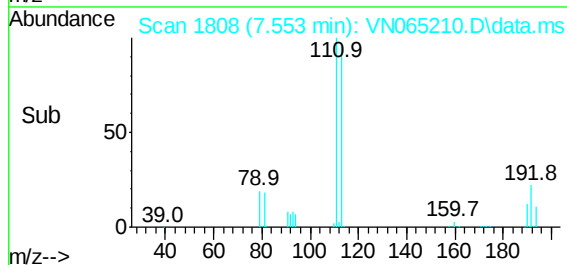
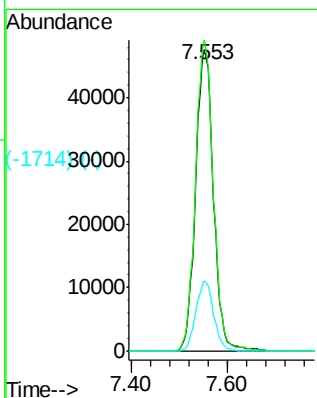
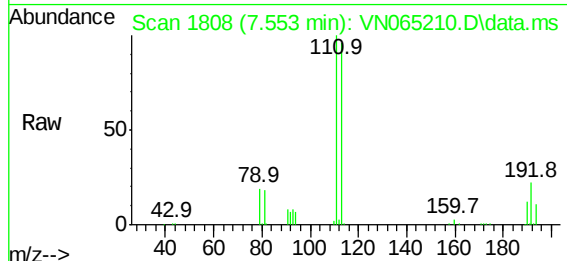




#358 (-)
Dibromofluoromethane
Concen: 51.75 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

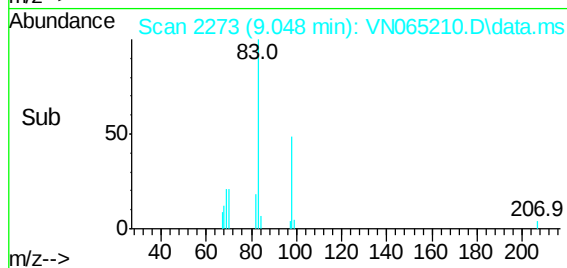
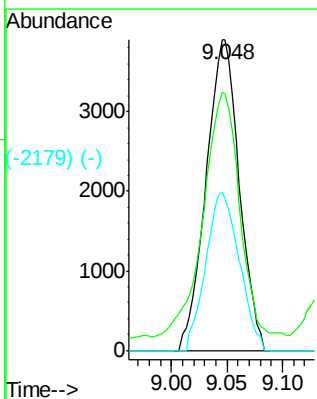
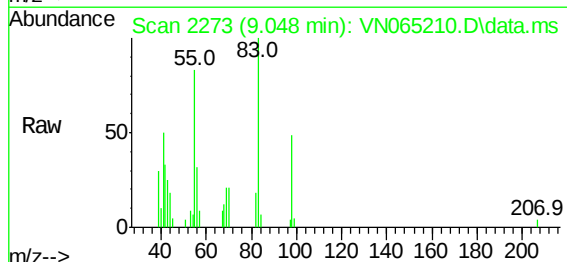
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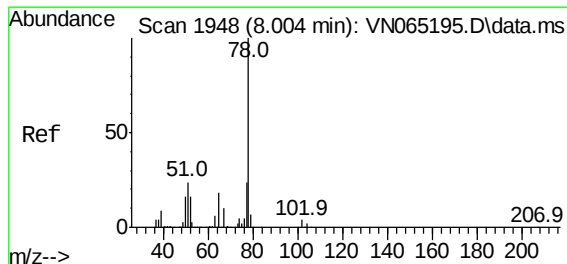
Tgt Ion:113 Resp: 122798
Ion Ratio Lower Upper
113 100
111 102.8 81.6 122.4
192 22.9 16.2 24.2



#295 (-)
Methylcyclohexane
Concen: 1.89 ug/l
RT: 9.048 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

Tgt Ion: 83 Resp: 8102
Ion Ratio Lower Upper
83 100
55 76.8 60.2 90.2
98 48.9 37.4 56.2

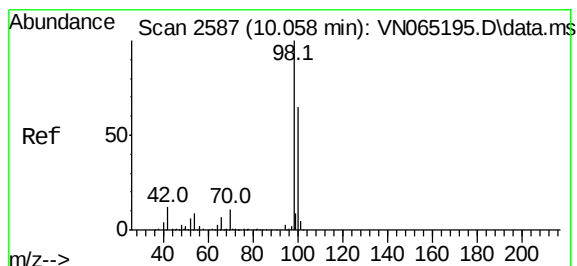
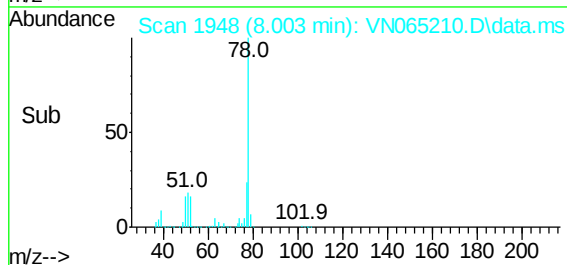
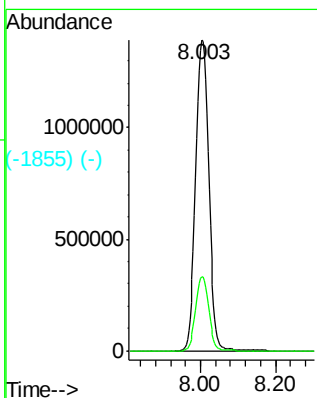
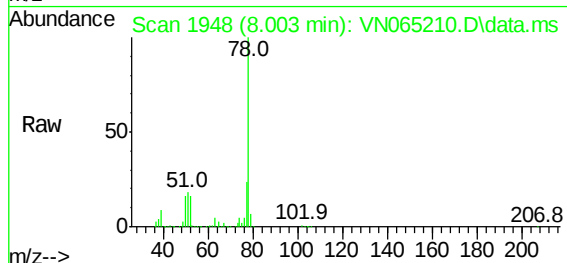




#498 (-)
Benzene
Concen: 316.61 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

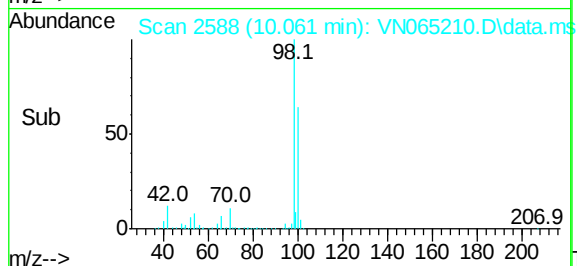
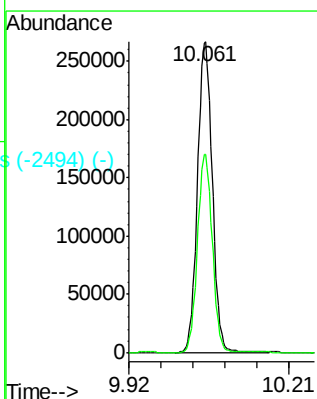
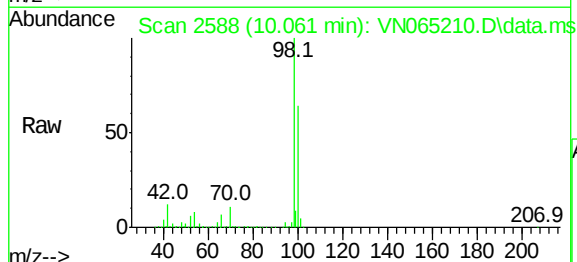
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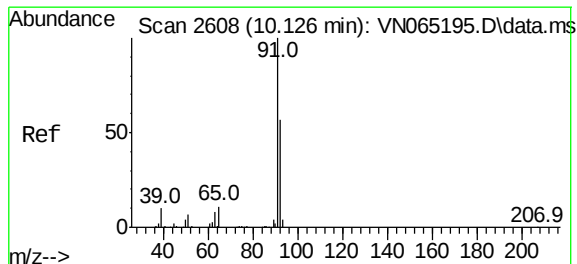
Tgt Ion: 78 Resp: 3368602
Ion Ratio Lower Upper
78 100
77 23.9 17.9 26.9



#5971 (-)
Toluene-d8
Concen: 55.24 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

Tgt Ion: 98 Resp: 491351
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

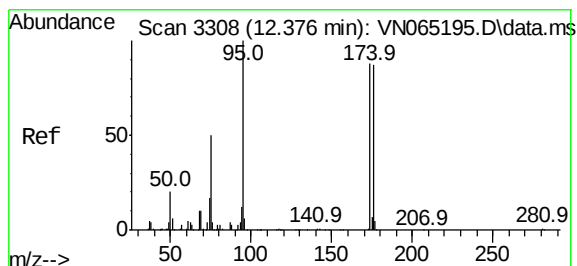
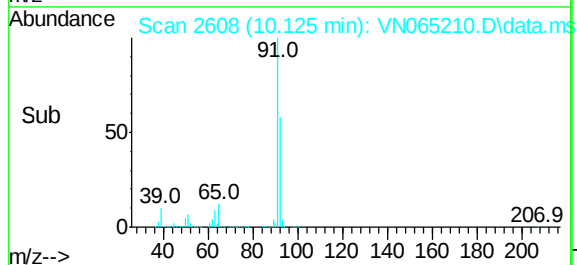
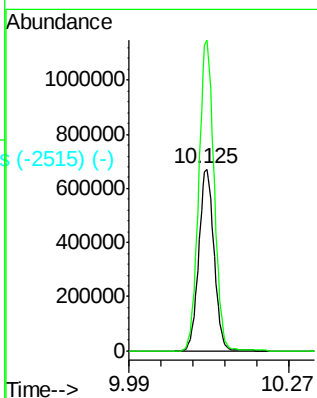
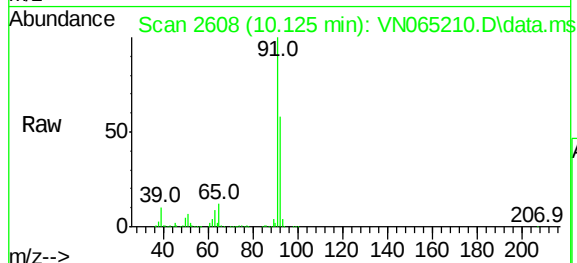




#592 (-)
Toluene
Concen: 182.83 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. -0.001 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

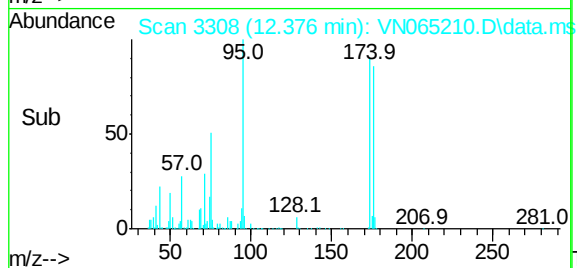
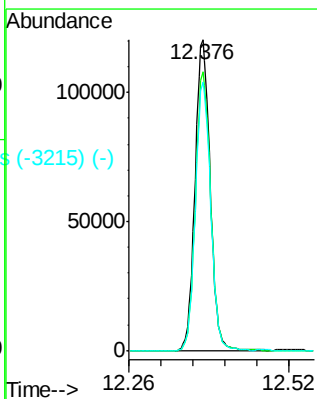
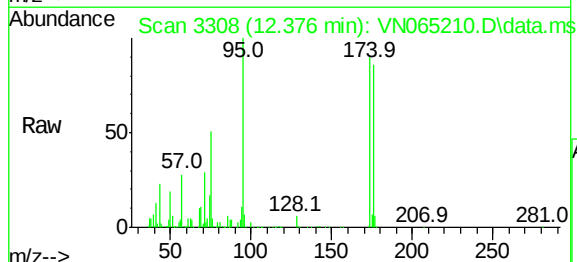
Instrument :
MSVOA_N
ClientSampleId :
CGP-5

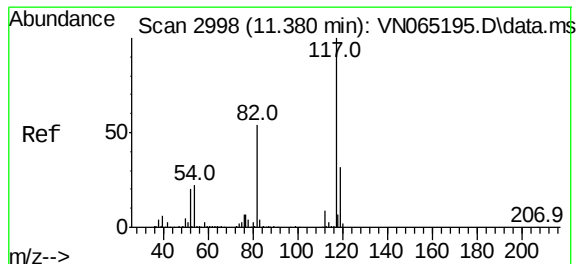
Tgt Ion: 92 Resp: 1226044
Ion Ratio Lower Upper
92 100
91 172.8 139.1 208.7



#624 (-)
4-Bromofluorobenzene
Concen: 57.35 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

Tgt Ion: 95 Resp: 204664
Ion Ratio Lower Upper
95 100
174 89.9 0.0 160.4
176 86.9 0.0 158.4

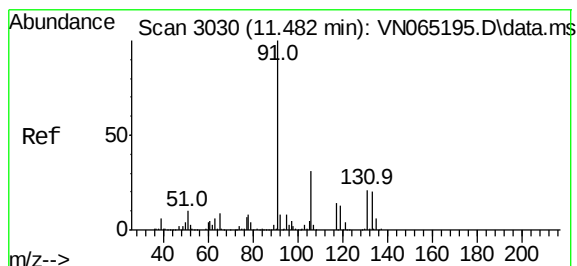
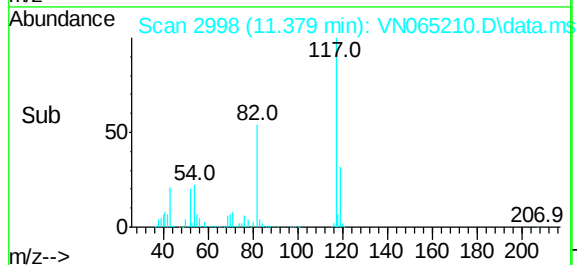
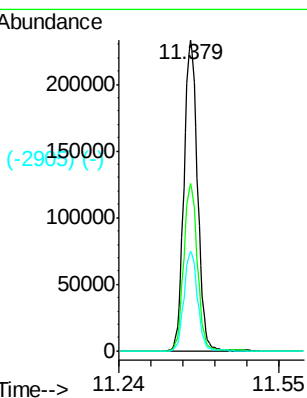
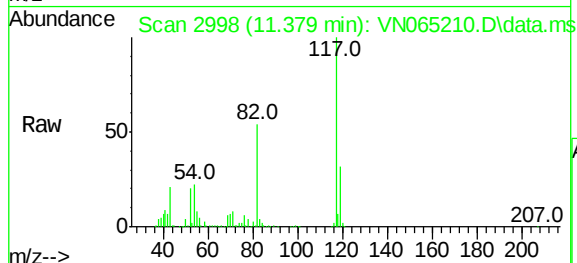




Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.379 min Scan# 2998
 Delta R.T. -0.001 min
 Lab File: VN065210.D
 Acq: 22 Dec 2020 21:00

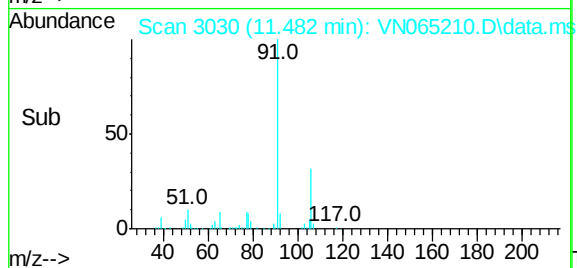
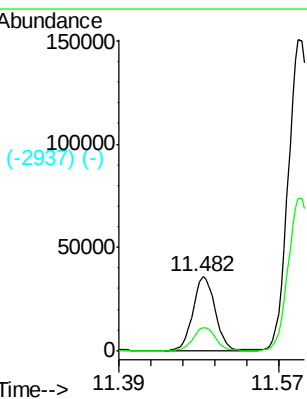
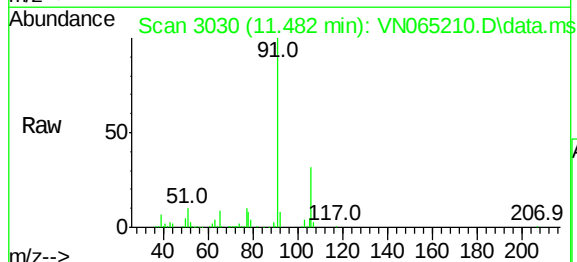
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-5

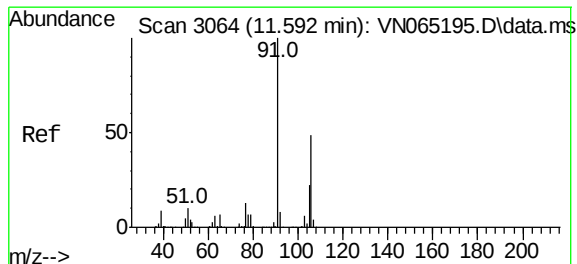
Tgt Ion:	117	Resp:	415623
Ion Ratio	Lower	Upper	
117	100		
82	53.8	44.2	66.2
119	32.1	25.8	38.6



Ethyl Benzene
 Concen: 3.95 ug/l
 RT: 11.482 min Scan# 3030
 Delta R.T. 0.000 min
 Lab File: VN065210.D
 Acq: 22 Dec 2020 21:00

Tgt Ion:	91	Resp:	60259
Ion Ratio	Lower	Upper	
91	100		
106	31.7	25.2	37.8

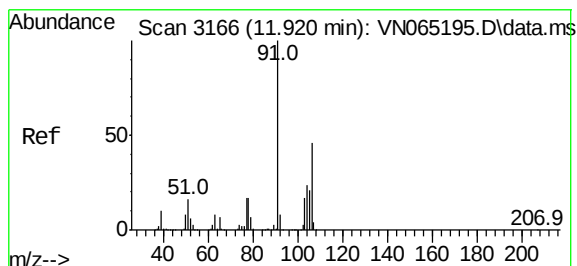
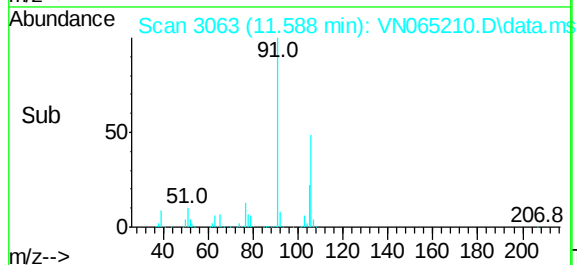
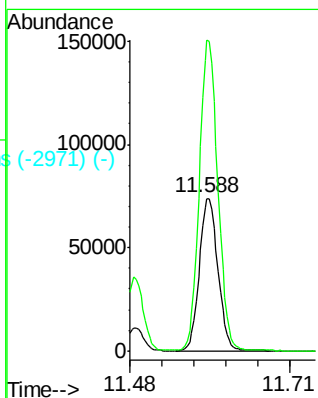
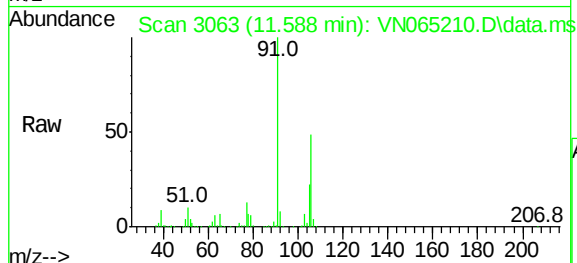




#6048 (-)
m/p-Xylenes
Concen: 24.12 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

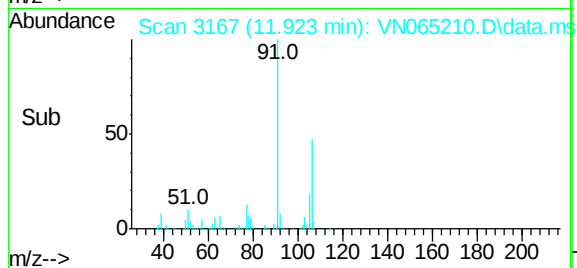
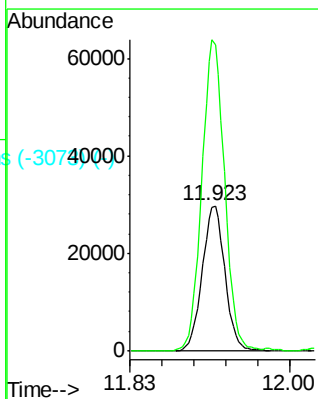
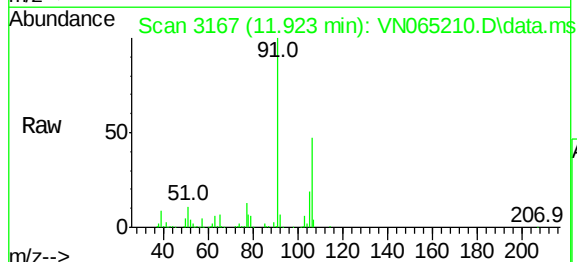
Instrument :
MSVOA_N
ClientSampleId :
CGP-5

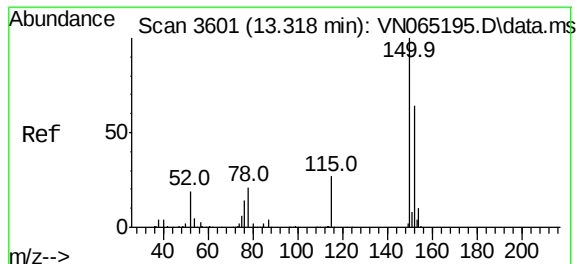
Tgt Ion:106 Resp: 138529
Ion Ratio Lower Upper
106 100
91 203.5 161.0 241.4



#6052 (-)
o-Xylene
Concen: 8.95 ug/l
RT: 11.923 min Scan# 3167
Delta R.T. 0.003 min
Lab File: VN065210.D
Acq: 22 Dec 2020 21:00

Tgt Ion:106 Resp: 49920
Ion Ratio Lower Upper
106 100
91 215.8 105.5 316.5

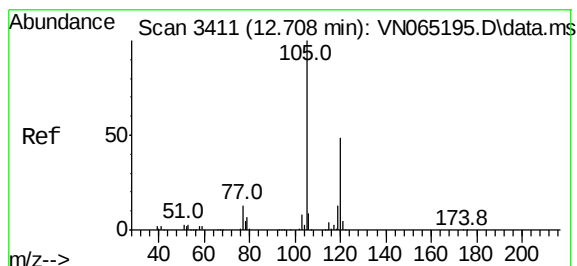
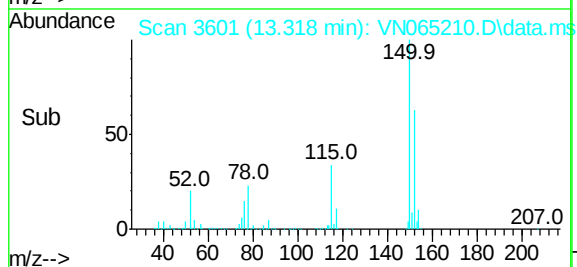
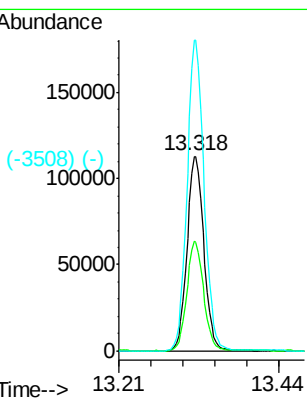
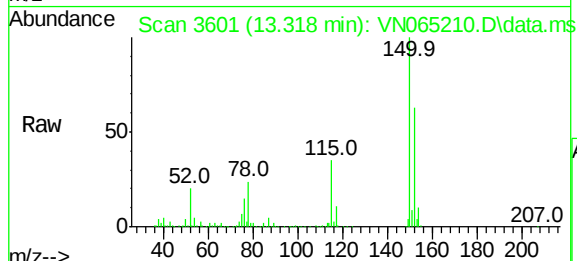




#3601 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065210.D
 Acq: 22 Dec 2020 21:00

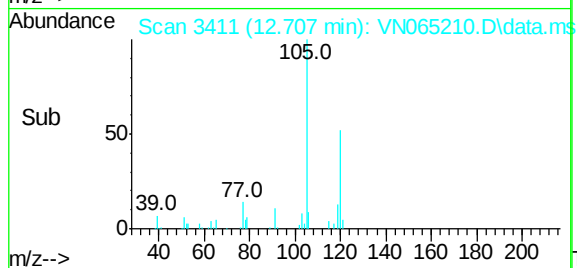
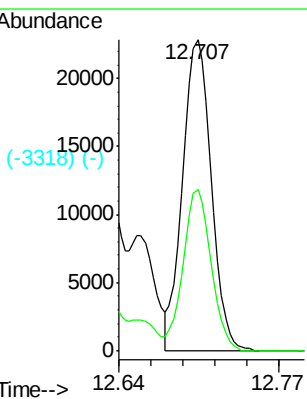
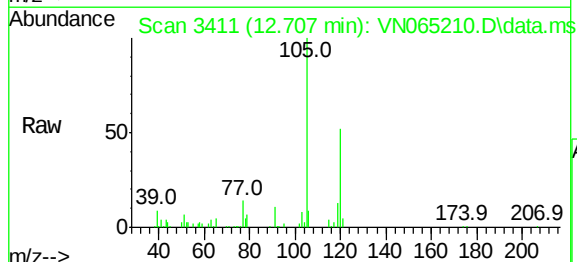
Instrument :
 MSVOA_N
 ClientSampled :
 CGP-5

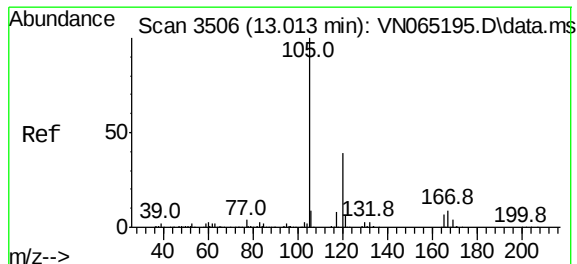
Tgt Ion:	152	Resp:	191687
Ion Ratio	Lower	Upper	
152	100		
115	56.4	29.7	89.1
150	161.4	0.0	350.6



#3411 (-)
 1,3,5-Trimethylbenzene
 Concen: 2.91 ug/l
 RT: 12.707 min Scan# 3411
 Delta R.T. -0.001 min
 Lab File: VN065210.D
 Acq: 22 Dec 2020 21:00

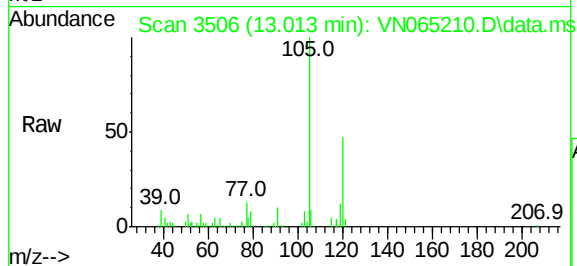
Tgt Ion:	105	Resp:	36214
Ion Ratio	Lower	Upper	
105	100		
120	50.9	24.6	73.6





#8494 (-)
 1,2,4-Trimethylbenzene
 Concen: 5.06 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. -0.000 min
 Lab File: VN065210.D
 Acq: 22 Dec 2020 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-5



Tgt Ion:105 Resp: 61313

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.2

